



PROFESSIONAL DIGITAL TWO-WAY RADIO

**MOTOTRBO™**

**DGP 5550/DGP 5550e, DGP 8550/DGP 8550e**  
**FULL KEYPAD PORTABLE RADIO**

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## USER GUIDE

en-US

es-LA

pt-BR



**FEBRUARY 2021**

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**MN003686A01-AJ**

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## Supplier's Declaration of Conformity

### Supplier's Declaration of Conformity

Per FCC CFR 47 Part 2 Section 2.1077(a)



Responsible Party

Name: Motorola Solutions, Inc.

Address: 2000 Progress Pkwy, Schaumburg, IL. 60196

Phone Number: 1-800-927-2744

Hereby declares that the product:

Model Name: **DGP 5550/DGP 8550/DGP 5550e/DGP 8550e**

conforms to the following regulations:

FCC Part 15, subpart B, section 15.107(a), 15.107(d), and section 15.109(a)

### **Class B Digital Device**

As a personal computer peripheral, this device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1 This device may not cause harmful interference, and
- 2 This device must accept any interference received, including interference that may cause undesired operation.

**NOTICE:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio or TV technician for help.

For country code selection usage (WLAN devices)

**NOTICE:**

The country code selection is for non-US model only and is not available to all US models. Per FCC regulation, all Wi-Fi products marketed in the US must be fixed to US operation channels only.

## Important Safety Information

---

### RF Energy Exposure and Product Safety Guide for Portable Two-Way Radios



**CAUTION:**

**This radio is restricted to Occupational use only.**

Before using the radio, read the RF Energy Exposure and Product Safety Guide for Portable Two-Way Radios which contains important operating instructions for safe usage and RF energy awareness and control for Compliance with applicable standards and Regulations.

## Software Version

---

All the features described in the following sections are supported by the software version **R02.21.01.0000** or later.

See [Checking Firmware and Codeplug Versions on page 234](#) to determine the software version of your radio.

Contact your dealer or administrator for more information.



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As defined by the WEEE directive, this cross-out trash bin label means that customers and end-users in EU countries should not dispose of electronic and electrical equipment or accessories in household waste.

Customers or end-users in EU countries should contact their local equipment supplier representative or service centre for information about the waste collection system in their country.

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U.S. Pat. Nos. #5,870,405, #5,826,222, #5,754,974, #5,701,390, #5,715,365, #5,649,050, #5,630,011, #5,581,656, #5,517,511, #5,491,772, #5,247,579, #5,226,084 and #5,195,166.

# Radio Care

This section describes the basic handling precaution of the radio.

Table 1: IP Specification

| IP Specification | Description                                                                               |
|------------------|-------------------------------------------------------------------------------------------|
| IP67             | Allows your radio to withstand adverse field conditions such as being submersed in water. |

- 

**CAUTION:** Do not disassemble your radio. This could damage radio seals and result in leak paths into the radio. Radio maintenance should only be done in service depot that is equipped to test and replace the seal on the radio.
- If your radio has been submersed in water, shake your radio well to remove any water that may be trapped inside the speaker grille and microphone port. Trapped water could cause decreased audio performance.
  - If your radio's battery contact area has been exposed to water, clean and dry battery contacts on both your radio and the battery before attaching the battery to radio. The residual water could short-circuit the radio.
  - If your radio has been submersed in a corrosive substance (for example, saltwater), rinse radio and battery in fresh water then dry radio and battery.
  - To clean the exterior surfaces of your radio, use a diluted solution of mild dishwashing detergent and fresh water (for example, one teaspoon of detergent to one gallon of water).
  - Never poke the vent (hole) located on the radio chassis below the battery contact. This vent allows for pressure equalization in the radio. Doing so may create a leak path into radio and your radio's submersibility may be lost.
  - Never obstruct or cover the vent, even with a label.
  - Ensure that no oily substances come in contact with the vent.
  - Your radio with antenna attached properly is designed to be submersible to a maximum depth of 1 m (3.28 ft) and a maximum submersion time of 30 minutes. Exceeding either maximum limit or use without antenna may result in damage to your radio.

- When cleaning your radio, do not use a high pressure jet spray on radio as this will exceed the 1 m depth pressure and may cause water to leak into your radio.

## Introduction

This user guide covers the operation of your radios.

Your dealer or system administrator may have customized your radio for your specific needs. Check with your dealer or system administrator for more information.

You can consult your dealer or system administrator about the following:

- Is your radio programmed with any preset conventional channels?
- Which buttons have been programmed to access other features?
- What optional accessories may suit your needs?
- What are the best radio usage practices for effective communication?
- What maintenance procedures that helps promote longer radio life?

### 1.1

## Icon Information

Throughout this publication, the icons described are used to indicate features supported in either the conventional analog or conventional digital mode.



Indicates a conventional **Analog Mode-Only** feature.



Indicates a conventional **Digital Mode-Only** feature.

For features that are available in **both** conventional analog and digital modes, both icons are **not** shown.

### 1.2

## Conventional Analog and Digital Modes

Each channel in your radio can be configured as a conventional analog or conventional digital channel.

### 1 : Channel Selector Knob

Certain features are unavailable when switching from digital to analog mode. The icons for digital features reflect this change by appearing “grayed out”. The disabled features are hidden in the menu.

Your radio also has features available in both analog and digital modes. The minor differences in the way each feature works do **not** affect the performance of your radio.



**NOTICE:**

Your radio also switches between digital and analog modes during a dual mode scan. See [Scan on page 467](#) for more information.

### 1.3

## IP Site Connect

This feature allows your radio to extend conventional communication beyond the reach of a single site by connecting to different available sites by using an Internet Protocol (IP) network. This is a conventional multi-site mode.

When the radio moves out of range from one site and into the range of another, the radio connects to the repeater of the new site to send or receive calls or data transmissions. This is done either automatically or manually depending on your settings.

In an automatic site search, the radio scans through all available sites when the signal from the current site is weak or when the radio is unable to detect any signal from the current site. The radio then locks on to the repeater with the strongest Received Signal Strength Indicator (RSSI) value.

In a manual site search, the radio searches for the next site in the roam list that is currently in range but which may not have the strongest signal and locks on to the repeater.



**NOTICE:**

Each channel can only have either Scan or Roam enabled, not both at the same time.

Channels with this feature enabled can be added to a particular roam list. The radio searches the channels in the roam list during the automatic roam operation to locate the best site. A roam list supports a maximum of 16 channels, including the selected channel.



**NOTICE:**

You cannot manually add or delete an entry in the roam list. Contact your dealer for more information.

## 1.4

# Capacity Plus

Capacity Plus is an entry-level trunked system for single and multiple sites. The single and multi-site dynamic trunking offers better capacity and coverage.

## 1.4.1

# Capacity Plus—Single-Site

Capacity Plus—Single-Site is a single-site trunking configuration of the MOTOTRBO radio system, which uses a pool of channels to support hundreds of users and up to 254 Groups. This feature allows your radio to efficiently utilize the available number of programmed channels while in Repeater Mode.

You hear a negative indicator tone if you try to access a feature not applicable to Capacity Plus—Single-Site by using a programmable button press.

Your radio also has features that are available in conventional digital mode, IP Site Connect, and Capacity Plus. However, the minor differences in the way each feature works does not affect the performance of your radio.

Check with your dealer or system administrator for more information on this configuration.

## 1.4.2

# Capacity Plus—Multi-Site

Capacity Plus—Multi-Site is a multi-channel trunking configuration of the MOTOTRBO radio system, combining the best of both Capacity Plus and IP Site Connect configurations.

Capacity Plus—Multi-Site allows your radio to extend trunking communication beyond the reach of a single site, by connecting to different available sites which are connected with an IP network. It also provides an increase in capacity by efficiently utilizing the combined available number of programmed channels supported by each of the available sites.

When the radio moves out of range from one site and into the range of another, it connects to the repeater of the new site to send or receive calls/data transmissions. Depending on your settings, this is done automatically or manually.

If the radio is set to do this automatically, it scans through all available sites when the signal from the current site is weak or when the radio is unable to detect any signal from



the current site. It then locks on to the repeater with the strongest RSSI value.

In a manual site search, the radio searches for the next site in the roam list that is currently in range (but which may not have the strongest signal) and locks on to it.

Any channel with Capacity Plus–Multi-Site enabled can be added to a particular roam list. The radio searches these channels during the automatic roam operation to locate the best site.

**NOTICE:**

You cannot manually add or delete an entry to the roam list. Check with your dealer or system administrator for more information.

Similar to Capacity Plus–Single Site, icons of features not applicable to Capacity Plus–Multi-Site are not available in the menu. You hear a negative indicator tone if you try to access a feature not applicable to Capacity Plus–Multi-Site by using a programmable button press.

# Getting Started

Getting Started provides instructions to prepare your radio for use.

## 2.1

### Charging the Battery

Your radio is powered by a Nickel Metal-Hydride (NiMH) or Lithium-Ion (Li-Ion) battery.

Turn off your radio when charging.

- To comply with warranty terms and avoid damages, charge the battery using a Motorola Solutions authorized charger as described in the charger user guide.
- Charge a new battery 14 to 16 hours before initial use for best performance.  
Batteries charge best at room temperature.
- Charge your IMPRES™ battery with an IMPRES charger for optimized battery life and valuable battery data. IMPRES batteries charged exclusively with IMPRES chargers receive a 6-month capacity

warranty extension over the standard Motorola Solutions Premium battery warranty duration.

## 2.2

### Attaching the Battery

Follow the procedure to attach the battery to your radio.

This battery mismatch alert feature is only applicable for IMPRES battery and Non-IMPRES battery with kit number programmed in Erasable Programmable Read Only Memory (EPROM).

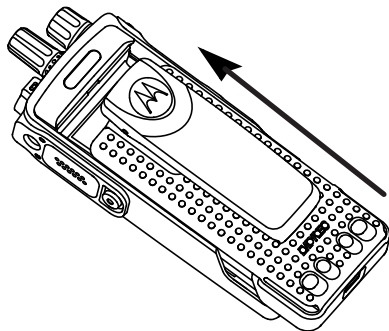
When the radio is attached with the wrong battery, a low pitched warning tone sounds, the LED blinks in red, display shows `Wrong Battery`, and the Voice Announcement/Text-to-Speech sounds `Wrong Battery` if the Voice Announcement/Text-to-Speech is loaded by using CPS.

When the radio is attached with a non-supported battery, an alert tone sounds, display shows `Unknown Battery`, and battery icon is disabled.

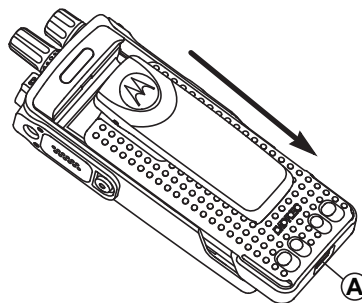
The certification of the radio is voided if you attach a UL battery to an FM approved radio or vice versa. Your radio can be preprogrammed in CPS to alert you if this battery mismatch occurs. Check with your dealer or system

administrator to determine how your radio has been programmed.

- 1 Align the battery with the rails on the back of the radio.
- 2 Press the battery firmly, and slide upwards until the latch snaps into place.



- 3 Slide battery latch into lock position.
- 4 To remove the battery, turn the radio off. Move the battery latch marked **A** into unlock position and hold, and slide the battery down and off the rails.



### 2.3

## Attaching the Antenna

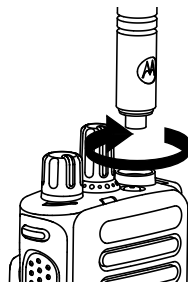
Turn off your radio.

Set the antenna in the receptacle and turn clockwise.



### NOTICE:

To protect best against water and dust, ensure that antenna is tightly fitted.

**NOTICE:**

To remove the antenna, turn the antenna counterclockwise.

**CAUTION:**

To prevent damages, replace the faulty antenna with only MOTOTRBO antennas.

## 2.4

## Attaching the Carry Holster

- 1 Align the rails on the carry holster with the grooves on the battery.
- 2 Press downwards until you hear a click.

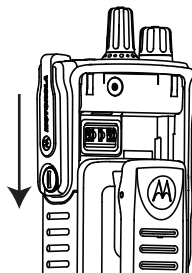
## 2.5

## Attaching the Universal Connector Cover

The universal connector is located on the antenna side of the radio. It is used to connect MOTOTRBO accessories to the radio.

Replace the universal connector cover or dust cover when the universal connector is not in use.

- 1 Insert the slanted end of the cover into the slots above the universal connector.
- 2 Press downwards on the cover to seat the dust cover properly on the universal connector.



- 3 Secure the connector cover to the radio by turning the thumbscrew clockwise.
- 

## 2.6

### Cleaning the Universal Connector Cover

If the radio is exposed to water, dry the universal connector before attaching an accessory or replacing the dust cover. If the radio is exposed to salt water or contaminants, perform the following cleaning procedure.

- 1 Mix one tablespoon of mild dishwashing detergent with one gallon of water to produce a 0.5% solution.
- 
- 2 Clean only the external surfaces of the radio with the solution. Apply the solution sparingly with a stiff, nonmetallic, short-bristled brush.
- 
- 3 Dry the radio thoroughly with a soft and lint-free cloth. Ensure the contact surface of the universal connector is clean and dry.
- 

- 4 Apply Deoxit Gold Cleaner or Lubricant Pen (Manufacturer CAIG Labs, Part number G100P) on the contact surface of the universal connector.
- 

- 5 Attach an accessory to the universal connector to test the connectivity.
- 



#### NOTICE:

Do not submerge the radio in water. Ensure excess detergent does not get trapped in between the universal connector, controls, or crevices.

Clean the radio once a month for maintenance. For a harsher environment such as in petrochemical plants or in a high salt density marine environment, clean the radio more often.

## 2.7

### Removing the Universal Connector Cover (Dust Cover)

- 1 Push the latch downwards.
- 
- 2 Lift the cover up and slide down the dust cover from the universal connector to remove it.
-

Replace the dust cover when the universal connector is not in use.

## 2.8

### Turning the Radio On

Rotate the **On/Off/Volume Control** knob clockwise until it clicks.

---

If successful, your radio shows the following indications:

- A tone sounds.



#### NOTICE:

If the Tones/Alerts function is disabled, there is no tone upon powering up.

- The green LED lights up.
- The display shows **MOTOTRBO** (TM), followed by a welcome message or image.
- The Home screen lights up.



#### NOTICE:

During the initial power-up after a software version update to **R02.07.00.0000** or later, a GNSS firmware upgrade takes place for 20 seconds. After the upgrade, the radio resets and turns on. This firmware upgrade is only applicable for portable models with the latest software and hardware.

If your radio does not power up, check your battery. Make sure that the battery is charged and properly attached. Contact your dealer if your radio still does not power up.

## 2.9

### Turning the Radio Off

Rotate the **On/Off/Volume Control** knob counterclockwise until it clicks.

---

The display shows **Powering Down**.

## 2.10

### Adjusting the Volume

To adjust the volume of your radio, perform one of the following actions:

- To increase the volume, turn the **On/Off/Volume Control** knob clockwise.
- To decrease the volume, turn the **On/Off/Volume Control** knob counterclockwise.

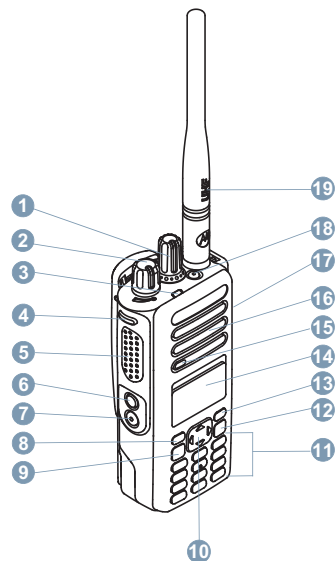
**NOTICE:**

Your radio can be programmed to have a minimum volume offset where the volume level cannot be lowered past the programmed minimum volume.

---

# Radio Controls

This chapter explains the buttons and functions to control the radio.



**1** Channel Selector Knob

**2** On/Off/Volume Control Knob

**3** LED Indicator

**4** Side Button 1<sup>1</sup>

**5** Push-to-Talk (PTT) Button

**6** Side Button 2<sup>1</sup>

**7** Side Button 3<sup>1</sup>

**8** Front Button P1<sup>1</sup>

**9** Menu/OK Button

**10** 4-Way Navigation Button

**11** Keypad

**12** Back/Home Button

**13** Front Button P2<sup>1</sup>

**14** Display

**15** Microphone

**16** Speaker

**17** Universal Connector for Accessories

**18** Emergency Button<sup>1</sup>

<sup>1</sup> These buttons are programmable.



19 Antenna

3.1  
Using the 4-Way Navigation Button

You can use the 4-way navigation button, , to scroll through options, increase/decrease values, and navigate vertically.

| Category     | Direction                                                                                                                                                              |                                                                                                                                                                        |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |  or  |  or  |
| Menu         | Vertical Navigation                                                                                                                                                    | -                                                                                                                                                                      |
| Lists        | Vertical Navigation                                                                                                                                                    | -                                                                                                                                                                      |
| View Details | Vertical Navigation                                                                                                                                                    | Previous/Next Item                                                                                                                                                     |

You can use the 4-way navigation button, , as a number, alias, or free form text editor.

| Editor Category | Direction                                                                                                                                                                  |                                                                                                                                                                            |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                 |  or  |  or  |
| Number          | -                                                                                                                                                                          | Left : Delete last digit<br>Right : -                                                                                                                                      |
| Alias           | -                                                                                                                                                                          | -                                                                                                                                                                          |
| Free Form Text  | Move cursor up/down                                                                                                                                                        | Move cursor one character right/left                                                                                                                                       |
| Numeric Values  | Increase/Decrease                                                                                                                                                          | Move cursor one character right/left                                                                                                                                       |

3.2

Using the Keypad

You can use the 3 x 4 alphanumeric keypad to access your radio features. Many characters require that you press a key multiple times. The following table shows the number of times a key needs to be pressed to generate the required character.

| Key                                                                                       | Number of Times Key is Pressed |   |   |   |   |   |   |   |   |    |    |    |    |
|-------------------------------------------------------------------------------------------|--------------------------------|---|---|---|---|---|---|---|---|----|----|----|----|
|                                                                                           | 1                              | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
|  1 , . ? | 1                              | . | , | ? | ! | @ | & | ' | % | —  | :  | *  | #  |
|  2 ABC   | A                              | B | C | 2 |   |   |   |   |   |    |    |    |    |
|  2 ABC   |                                |   |   |   |   |   |   |   |   |    |    |    |    |
|  3 DEF   | D                              | E | F | 3 |   |   |   |   |   |    |    |    |    |
|  3 DEF   |                                |   |   |   |   |   |   |   |   |    |    |    |    |

| Key              | Number of Times Key is Pressed |   |   |   |   |   |   |   |   |    |    |    |    |
|------------------|--------------------------------|---|---|---|---|---|---|---|---|----|----|----|----|
|                  | 1                              | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| <div>4GHI</div>  | G                              | H | I | 4 |   |   |   |   |   |    |    |    |    |
| <div>4GHI</div>  |                                |   |   |   |   |   |   |   |   |    |    |    |    |
| <div>5JKL</div>  | J                              | K | L | 5 |   |   |   |   |   |    |    |    |    |
| <div>5JKL</div>  |                                |   |   |   |   |   |   |   |   |    |    |    |    |
| <div>6MNO</div>  | M                              | N | O | 6 |   |   |   |   |   |    |    |    |    |
| <div>6MNO</div>  |                                |   |   |   |   |   |   |   |   |    |    |    |    |
| <div>7PQRS</div> | P                              | Q | R | S | 7 |   |   |   |   |    |    |    |    |
| <div>7PQRS</div> |                                |   |   |   |   |   |   |   |   |    |    |    |    |

| Key                                                                                                                                                                    | Number of Times Key is Pressed |                                                                                                                                                                                                                                   |   |   |   |   |   |   |   |    |    |    |    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|----|----|----|----|
|                                                                                                                                                                        | 1                              | 2                                                                                                                                                                                                                                 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| <br> | T                              | U                                                                                                                                                                                                                                 | V | 8 |   |   |   |   |   |    |    |    |    |
| <br> | W                              | X                                                                                                                                                                                                                                 | Y | Z | 9 |   |   |   |   |    |    |    |    |
| <br> | 0                              |  <b>NOTICE:</b><br>Press to enter “0” and long press to activate the CAPS lock. Another long press to turn off the CAPS lock.                    |   |   |   |   |   |   |   |    |    |    |    |
|                                                                                       | * or del                       |  <b>NOTICE:</b><br>Press during text entry to delete the character. Press during numeric entry to enter a “*”.                                   |   |   |   |   |   |   |   |    |    |    |    |
|                                                                                       | # or space                     |  <b>NOTICE:</b><br>Press during text entry to insert a space. Press during numeric entry to enter a “#”. Long press to change text entry method. |   |   |   |   |   |   |   |    |    |    |    |

# WAVE

Wide Area Voice Environment (WAVE™) provides a new method of making calls between two or more radios.

WAVE allows you to communicate across different networks and devices using Wi-Fi. WAVE calls are made when the radio is connected to an IP network through Wi-Fi.

Your radio supports different system configurations:

- WAVE OnCloud/OnPremise
- WAVE Tactical/5000

The method to initiate a WAVE Call is different for each system type. Refer to the appropriate section depending on the system configuration of your radio.

**Table 2: WAVE Display Icons**

The following icons appear momentarily on the display when WAVE is enabled.



**WAVE Connected**  
WAVE is connected.



**WAVE Disconnected**  
WAVE is disconnected.



**NOTICE:**  
This feature is applicable to specific models only.

## 4.1 WAVE OnCloud/OnPremise

### 4.1.1 Switching from Radio Mode to WAVE Mode

- 1 Do one of the following:
  - Press the programmed **WAVE** button. Skip the following steps.
  - Press  to access the menu.

2

Press ▲ or ▼ to WAVE. Press  to select.

---

The yellow LED double blinks.

The display shows a momentary notice of Switching to WAVE, then shows Preparing WAVE.

**NOTICE:**

Your radio automatically enables Wi-Fi after you switch to WAVE mode.

If successful:

- The blinking yellow LED turns off.
- The display shows the WAVE connected icon, <Talkgroup Alias>, and <Channel Index>.

If unsuccessful:

- A negative tone sounds.
- The red LED blinks.
- The display shows the WAVE disconnected icon and No Connection or Activation: Fail, depending on the error type.

**NOTICE:**

Synchronization occurs when new settings are updated to your radio. When you enter the WAVE mode, your radio displays Syncing.... When the synchronization completes, your radio returns to the home screen.

## 4.1.2

## Making WAVE Group Calls

- 1 Use the channel selector knob or buttons to select a WAVE talkgroup.
- 

- 2 To call, press the **PTT** button.
- 

If the call is successful, the display shows the Group Call icon and the WAVE talkgroup alias.

If the call is unsuccessful:

- A negative indicator tone sounds.
- The display shows a momentary notice of Call Failed or No Participants.

## 4.1.3

## Receiving and Responding to WAVE Group Calls

When you receive a WAVE group call:

- A tone sounds.
- The display shows the group call icon, WAVE talkgroup alias, and caller alias.
- Your radio unmutes and the incoming call sounds through the speaker.

---

1 To call, press the **PTT** button.

---

2 To listen, release the **PTT** button.

---

## 4.1.4

## Receiving and Responding to WAVE Private Calls

When you receive a WAVE private call:

- A tone sounds.
- The display shows the private call icon and caller alias.

- Your radio unmutes and the incoming call sounds through the speaker.

---

1 To call, press the **PTT** button.

---

2 To listen, release the **PTT** button.

---

## 4.1.5

## Switching from WAVE Mode to Radio Mode

1 Do one of the following:

- Press the programmed **Radio Mode** button. Skip the following steps.
  - Press  to access the menu.
- 

2

Press  or  to Radio Mode. Press  to select.

---

The yellow LED double blinks.

The display shows a momentary notice of Switching to Radio and then shows Preparing Radio.

When successful:

- The blinking yellow LED turns off.
- The WAVE connected icon disappears on the status bar. The display shows <Talkgroup Alias> and <Channel Index>.

## 4.2

# WAVE Tactical/5000

### 4.2.1

## Setting Active WAVE Channels



### NOTICE:

WAVE channels are configured through CPS. Your radio automatically enables Wi-Fi and logs in to the WAVE server once you enter WAVE channel.

1

Press  to access the menu.

---

2

Press  or  to WAVE Channels. Press  to select.

---

3

Press  or  to the required WAVE channel. Press  to select.

---

4

Press  or  to Set As Active. Press  to select.

---

The display shows  beside the selected channel.

### 4.2.2

## Viewing WAVE Channel Information

1 Do one of the following:

- Press the programmed **WAVE Channel List** button. Skip the following steps.
  - Press  to access the menu.
-



2 Press ▲ or ▼ to WAVE Channels. Press  to select.

---

3 Press ▲ or ▼ to the required WAVE channel.  
Press  to select.

---

4 Press ▲ or ▼ to View Details. Press  to select.

---

The display shows the WAVE channel details.

#### 4.2.3

### Viewing WAVE Endpoints Information

- 1 Do one of the following:
    - Press the programmed **Contact** button. Skip to [step 3](#).
    - Press  to access the menu.
- 

2 Press ▲ or ▼ to Endpoints. Press  to select.

---

3 Press ▲ or ▼ to the required WAVE Endpoint.  
Press  to select.

---

4 Press  to select View Details.

---

The display shows the WAVE Endpoint details.

#### 4.2.4

### Changing WAVE Configuration

Follow the procedure to set the WAVE server IP address, user ID, and password.

1 Press  to access the menu.

---

2 Press ▲ or ▼ to Utilities. Press  to select.

---

3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to WAVE. Press  to select.

---

5 Press  to select Server Address. Press  to change the server address. Press  to select.

---

6 Press ▼ to User ID. Press  to change the user ID. Press  to select.

---

7 Press ▼ to Password. Press  to view or change the WAVE password. Press  to select.

---

8 Press ▼ to Apply. Press  to apply all the changes made.

---

The display shows the positive mini notice momentarily before returning to the Radio Settings screen.

#### 4.2.5

### Making WAVE Group Calls

1 Select the WAVE channel with the required group alias or ID.

---

2 Press the **PTT** button to make the call.

The green LED lights up. The first text line displays the **Group Call** icon and alias. The second text line displays the WAVE group alias.

---

3 Do one of the following:

- Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
  - Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled
-

**4** Release the **PTT** button to listen.

The green LED lights up when the target radio responds. The display shows the **Group Call** icon, and alias or ID, and the transmitting radio alias or ID.

---

**5** If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the transmitting radio releases the **PTT** button, indicating the channel is free for you to respond. Press the **PTT** button to respond to the call.

The call ends when there is no voice activity for a predetermined period. The radio returns to the screen you were on prior to initiating the call.

---

## Capacity Max

---

Capacity Max is MOTOTRBO control channel based trunked radio system.

MOTOTRBO digital radio products are marketed by Motorola Solutions primarily to business and industrial users. MOTOTRBO uses the European Telecommunications Standards Institute (ETSI) Digital Mobile Radio (DMR) standard, that is, two-slot Time Division Multiple Access (TDMA), to pack simultaneous voice or data in a 12.5 kHz channel (6.25 kHz equivalent).

### 5.1

## Push-To-Talk Button

---

The Push-to-Talk (**PTT**) button serves two basic purposes:

- While a call is in progress, the **PTT** button allows the radio to transmit to other radios in the call. The microphone is activated when the **PTT** button is pressed.
- While a call is not in progress, the **PTT** button is used to make a new call.

Long press the **PTT** button to talk. Release the **PTT** button to listen.

If the Talk Permit Tone is enabled, wait until the short alert tone ends before talking.

### 5.2

## Programmable Buttons

---

Depending on the duration of a button press, your dealer can program the programmable buttons as shortcuts to radio functions.

### Short press

Pressing and releasing rapidly.

### Long press

Pressing and holding for the programmed duration.



### NOTICE:

See [Emergency Operation on page 490](#) for more information on the programmed duration of the **Emergency** button.

### 5.2.1

## Assignable Radio Functions

The following radio functions can be assigned to the programmable buttons by your dealer or system administrator.

**Audio Profiles**

Allows the user to select the preferred audio profile.

**Audio Routing**

Toggles audio routing between internal and external speakers.

**Audio Toggle**

Toggles audio routing between the internal radio speaker and the speaker of a wired accessory.

**Bluetooth® Audio Switch**

Toggles audio routing between internal radio speaker and external Bluetooth-enabled accessory.

**Bluetooth Connect**

Initiates a Bluetooth find-and-connect operation.

**Bluetooth Disconnect**

Terminates all existing Bluetooth connections between your radio and any Bluetooth-enabled devices.

**Bluetooth Discoverable**

Enables your radio to enter Bluetooth Discoverable Mode.

**Contacts**

Provides direct access to the Contacts list.

**Call Alert**

Provides direct access to the contacts list for you to select a contact to whom a Call Alert can be sent.

**Call Log**

Selects the call log list.

**Emergency**

Depending on the programming, initiates or cancels an emergency.

**Indoor Location**

Toggles Indoor Location on or off.

**Intelligent Audio**

Toggles intelligent audio on or off.

**Manual Dial**

Initiates a Private Call by keying in any subscriber ID.

**Manual Site Roam**

Starts the manual site search.

**Mic AGC**

Toggles the internal microphone automatic gain control (AGC) on or off.

**Notifications**

Provides direct access to the Notifications list.

### **One Touch Access**

Directly initiates a predefined Broadcast, Private, Phone or Group Call, a Call Alert, or a Quick Text message.

### **Option Board Feature**

Toggles option board feature(s) on or off for option board-enabled channels.

### **Phone**

Provides direct access to the Phone Contacts list.

### **Privacy**

Toggles privacy on or off.

### **Radio Alias and ID**

Provides radio alias and ID.

### **Remote Monitor**

Turns on the microphone of a target radio without it giving any indicators.

### **Reset Home Channel**

Sets a new home channel.

### **Silence Home Channel Reminder**

Mutes the Home Channel Reminder.

### **Site Info**

Displays the current Capacity Max site name and ID.

Plays site announcement voice messages for the current site when Voice Announcement is enabled.

### **Site Lock**

When toggled on, the radio searches the current site only. When toggled off, the radio searches other sites in addition to the current site.

### **Status**

Selects the status list menu.

### **Telemetry Control**

Controls the Output Pin on a local or remote radio.

### **Text Message**

Selects the text message menu.

### **Toggle Call Priority Level**

Enables your radio to enter Call Priority Level High/Normal.

### **Trill Enhancement**

Toggles trill enhancement on or off.

### **Voice Announcement On/Off**

Toggles voice announcement on or off.

### **Wi-Fi**

Toggles Wi-Fi on or off.

### **Zone Selection**

Allows selection from a list of zones.

## 5.2.2

## Assignable Settings or Utility Functions

The following radio settings or utility functions can be assigned to the programmable buttons.

### Tones/Alerts

Toggles all tones and alerts on or off.

### Backlight

Toggles display backlight on or off.

### Backlight Brightness

Adjusts the brightness level.

### Display Mode

Toggles the day/night display mode on or off.

### Keypad Lock

Toggles keypad between locked and unlocked.

### Power Level

Toggles transmit power level between high and low.

## 5.2.3

## Accessing Programmed Functions

Follow the procedure to access programmed functions in your radio.

- 1 Do one of the following:
  - Press the programmed button. Proceed to [step 3](#).

- Press  to access the menu.
- 

- 2 Press  or  to the menu function, and press  to select a function or enter a sub-menu.
- 

- 3 Do one of the following:
  - Press  to return to the previous screen.
  - Long press  to return to the Home screen.

Your radio automatically exits the menu after a period of inactivity and returns to the Home screen.

---

5.3

# Status Indicators

This chapter explains the status indicators and audio tones used in the radio.

5.3.1

## Icons

The 132 x 90 pixels, 256 colors, Liquid Crystal Display (LCD) of your radio shows the radio status, text entries, and menu entries. The following are the icons that appear on the radio display.

**Table 3: Display Icons**

The following icons appear on the status bar at the top of the radio display. The icons are arranged left most in order of appearance or usage, and are channel-specific.



**Battery**

The number of bars (0–4) shown indicates the charge remaining in the battery. The icon blinks when the battery is low.

|                                                                                   |                                                                                                                                            |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>Bluetooth Connected</b></p> <p>The Bluetooth feature is enabled. The icon stays lit when a remote Bluetooth device is connected.</p> |
|  | <p><b>Bluetooth Not Connected</b></p> <p>The Bluetooth feature is enabled but there is no remote Bluetooth device connected.</p>           |
|  | <p><b>DGNA</b></p> <p>Radio is in DGNA Talkgroup.</p>                                                                                      |
|  | <p><b>Emergency</b></p> <p>Radio is in Emergency mode.</p>                                                                                 |
|  | <p><b>GNSS Available</b></p> <p>GNSS feature is enabled. The icon stays lit when a position fix is available.</p>                          |
|  | <p><b>GNSS Not Available</b></p> <p>GNSS feature is enabled but is not receiving data from the satellite.</p>                              |



|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>High Volume Data</b><br/>Radio is receiving high volume data and channel is busy.</p>                                                                              |  <p><b>Option Board Non-Function</b><br/>The Option Board is disabled.</p>                                                                                                                                            |
|  <p><b>Indoor Location Available<sup>2</sup></b><br/>Indoor location status is on and available.</p>                                                                      |  <p><b>Over-the-Air Programming Delay Timer</b><br/>Indicates time left before automatic re-start of radio.</p>                                                                                                       |
|  <p><b>Indoor Location Unavailable<sup>2</sup></b><br/>Indoor location status is on but unavailable due to Bluetooth disabled or Beacons Scan suspended by Bluetooth.</p> |  <p><b>Power Level</b><br/>Radio is set at Low power or Radio is set at High power.</p>                                                                                                                               |
|  <p><b>Mute Mode</b><br/>Mute Mode is enabled and speaker is muted.</p>                                                                                                   |  <p><b>Priority 1</b><br/>Indicates Priority Talkgroup 1.</p>                                                                                                                                                         |
|  <p><b>Notification</b><br/>Notification List has one or more missed events.</p>                                                                                          |  <p><b>Priority 2</b><br/>Indicates Priority Talkgroup 2.</p>                                                                                                                                                         |
|  <p><b>Option Board</b><br/>The Option Board is enabled. (Option board enabled models only)</p>                                                                           |  <p><b>Received Signal Strength Indicator (RSSI)</b><br/>The number of bars displayed represents the radio signal strength. Four bars indicate the strongest signal. This icon is only displayed while receiving.</p> |

<sup>2</sup> Only applicable for models with the latest software and hardware.

|                                                                                   |                                                                                  |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|  | <b>Response Inhibit</b><br>Response Inhibit is enabled.                          |
|  | <b>Ring Only</b><br>Ringing mode is enabled.                                     |
|  | <b>Shared Frequency</b><br>Indicates radio is locking to shared control channel. |
|  | <b>Secure</b><br>The Privacy feature is enabled.                                 |
|  | <b>Silent Ring</b><br>Silent ring mode is enabled.                               |
|  | <b>Site Roaming</b><br>The site roaming feature is enabled.                      |
|  | <b>Status</b><br>Indicates a new status message.                                 |
|  | <b>Tones Disable</b><br>Tones are turned off.                                    |

|                                                                                   |                                                                  |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------|
|  | <b>Unsecure</b><br>The Privacy feature is disabled.              |
|  | <b>Vibrate</b><br>Vibrate mode is enabled.                       |
|  | <b>Vibrate and Ring</b><br>Vibrate and Ring mode is enabled.     |
|  | <b>Wi-Fi Excellent<sup>3</sup></b><br>Wi-Fi signal is excellent. |
|  | <b>Wi-Fi Good<sup>3</sup></b><br>Wi-Fi signal is good.           |
|  | <b>Wi-Fi Average<sup>3</sup></b><br>Wi-Fi signal is average      |
|  | <b>Wi-Fi Poor<sup>3</sup></b><br>Wi-Fi signal is poor.           |

<sup>3</sup> Only applicable for DGP 5550e/DGP 8550e



**Wi-Fi Unavailable<sup>3</sup>**  
Wi-Fi signal is unavailable.

**Table 4: Advance Menu Icons**

The following icons appear beside menu items that offer a choice between two options or as an indication that there is a sub-menu offering two options.



**Checkbox (Checked)**  
Indicates that the option is selected.



**Checkbox (Empty)**  
Indicates that the option is not selected.



**Solid Black Box**  
Indicates that the option selected for the menu item with a sub-menu.

**Table 5: Bluetooth Device Icons**

The following icons appear next to items in the list of Bluetooth-enabled devices available to indicate the device type.



**Bluetooth Audio Device**  
Bluetooth-enabled audio device, such as a headset.



**Bluetooth Data Device**  
Bluetooth-enabled data device, such as a scanner.



**Bluetooth PTT Device**  
Bluetooth-enabled PTT device, such as a PTT-Only Device (POD).



**Bluetooth Sensor Device<sup>3</sup>**  
Bluetooth-enabled sensor device, such as gas sensor.

**Table 6: Call Icons**

The following icons appear on the display during a call. These icons also appear in the Contacts list to indicate alias or ID type.



**Bluetooth PC Call**  
Indicates a Bluetooth PC Call in progress.

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>In the Contacts list, it indicates a Bluetooth PC Call alias (name) or ID (number).</p>                                                                                                                                                               | <p>In the Contacts list, it indicates a subscriber alias (name) or ID (number).</p>                                                                                                                                                                                           |
|  <p><b>Call Priority High</b><br/>Indicating Call Priority Level High is enabled.</p>                                                                                   |  <p><b>Non-IP Peripheral Group call</b><br/>Indicates a Non-IP Peripheral group call in progress.<br/><br/>In the Contacts list, it indicates a group alias (name) or ID (number).</p>       |
|  <p><b>DGNA Call</b><br/>Indicates a DGNA Call is in progress.</p>                                                                                                      |  <p><b>Option Board Individual Call</b><br/>Indicates an Option Board individual call in progress.<br/><br/>In the Contacts list, it indicates a subscriber alias (name) or ID (number).</p> |
|  <p><b>Dispatch Call</b><br/>The Dispatch Call contact type is used to send a text message to a dispatcher PC through a third-party Text Message Server.</p>            |  <p><b>Option Board Group Call</b><br/>Indicates an Option Board group call in progress.<br/><br/>In the Contacts list, it indicates a group alias (name) or ID (number).</p>                |
|  <p><b>Group Call/All Call</b><br/>Indicates a Group Call or All Call in progress.<br/><br/>In the Contacts list, it indicates a group alias (name) or ID (number).</p> |  <p><b>Phone Call as Group/All Call</b><br/>Indicates a Phone Call as Group Call or All Call in progress. In the Contacts list, it indicates a group alias (name) or ID (number).</p>        |
|  <p><b>Non-IP Peripheral Individual call</b><br/>Indicates a Non-IP Peripheral individual call in progress.</p>                                                         |                                                                                                                                                                                                                                                                               |

|                                                                                   |                                                                                                                                                                  |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Phone Call as Private Call</b><br>Indicates a Phone Call as Private Call in progress. In the Contacts list, it indicates a phone alias (name) or ID (number). |
|  | <b>Private Call</b><br>Indicates a Private Call in progress. In the Contacts list, it indicates a subscriber alias (name) or ID (number).                        |

**Table 7: Job Tickets Icons**

The following icons appear momentarily on the display in the Job Ticket folder.

|                                                                                   |                                                                                                                               |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
|  | <b>All Jobs</b><br>Indicates all jobs listed.                                                                                 |
|  | <b>New Jobs</b><br>Indicates new jobs.                                                                                        |
|  | <b>In Progress</b><br>Jobs are transmitting. This is seen before indication for Job Tickets Send Failed or Sent Successfully. |

|                                                                                   |                                                               |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------|
|  | <b>Send Failed</b><br>Jobs cannot be sent.                    |
|  | <b>Sent Successfully</b><br>Jobs have been successfully sent. |
|  | <b>Priority 1</b><br>Indicates Priority Level 1 for jobs.     |
|  | <b>Priority 2</b><br>Indicates Priority Level 2 for jobs.     |
|  | <b>Priority 3</b><br>Indicates Priority Level 3 for jobs.     |

**Table 8: Mini Notice Icons**

The following icons appear momentarily on the display after an action to perform a task is taken.

|                                                                                   |                                                                       |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------|
|  | <b>Failed Transmission (Negative)</b><br>Failed action taken.         |
|  | <b>Successful Transmission (Positive)</b><br>Successful action taken. |



### Transmission in Progress (Transitional)

Transmitting. This is seen before indication for Successful Transmission or Failed Transmission.

**Table 9: Sent Items Icons**

The following icons appear at the top right corner of the display in the Sent Items folder.



### In Progress

The text message to a subscriber alias or ID is pending transmission, followed by waiting for acknowledgement. The text message to a group alias or ID is pending transmission.



### Individual or Group Message Read

The text message has been read.



### Individual or Group Message Unread

The text message has not been read.



### Send Failed

The text message cannot be sent.



### Sent Successfully

The text message has been successfully sent.

### 5.3.2

## LED Indicator

The LED indicator shows the operational status of your radio.

### Blinking Red

Radio has failed the self-test upon powering up.

Radio is receiving an emergency transmission.

Radio is transmitting in low battery state.

Radio has moved out of range if Auto-Range Transponder System is configured.

Mute Mode is enabled.

### **Solid Green**

Radio is powering up.

Radio is transmitting.

Radio is sending a Call Alert or an emergency transmission.

### **Blinking Green**

Radio is receiving a call or data.

Radio is retrieving Over-the-Air Programming transmissions over the air.

Radio is detecting activity over the air.



#### **NOTICE:**

This activity may or may not affect the programmed channel of the radio due to the nature of the digital protocol.

### **Double Blinking Green**

Radio is receiving a privacy-enabled call or data.

### **Solid Yellow**

Radio is in Bluetooth Discoverable Mode.

### **Blinking Yellow**

Radio has yet to respond to a Call Alert.

### **Double Blinking Yellow**

Radio has Auto Roaming enabled.

Radio is actively searching for a new site.

Radio has yet to respond to a Group Call Alert.

Radio is locked.

#### **5.3.3**

### **Tones**

The following are the tones that sound through on the radio speaker.



High Pitched Tone



Low Pitched Tone

#### **5.3.3.1**

### **Audio Tones**

Audio tones provide you with audible indications of the status, or response to data received on the radio.



### Continuous Tone

A monotone sound. Sounds continuously until termination.



### Periodic Tone

Sounds periodically depending on the duration set by the radio. Tone starts, stops, and repeats itself.



### Repetitive Tone

A single tone that repeats itself until it is terminated by the user.



### Momentary Tone

Sounds once for a short duration set by the radio.

#### 5.3.3.2

## Indicator Tones

Indicator tones provide you with audible indications of the status after an action to perform a task is taken.



Positive Indicator Tone



Negative Indicator Tone

#### 5.4

## Registration

There are a number of registration-related messages that you may receive.

### Registering

Typically, registration is sent to the system during power-up, Talkgroup change, or during site roaming. If a radio fails registration on a site, the radio automatically attempts to roam to another site. The radio temporarily removes the site where registration was attempted from the roaming list.

The indication means that the radio is busy searching for a site to roam, or that the radio has found a site successfully but is waiting for a response to the registration messages from the radio.

When **Registering** is displayed on the radio, a tone sounds and the yellow LED double flashes to indicate a site search.

If the indications persist, the user should change locations or if allowed, manually roam to another site.



## Out of Range

A radio is deemed to be out of range when the radio is unable to detect a signal from the system or from the current site. Typically, this indication means that the radio is outside of the geographic outbound radio frequency (RF) coverage range.

When Out of Range is displayed on the radio, a repetitive tone sounds and the red LED flashes.

Contact your dealer or system administrator if the radio still receives out of range indications while being in an area with good RF coverage.

## Talkgroup Affiliation Failed

A radio tries to affiliate to the Talkgroup specified in the channels or Unified Knob Position (UKP) during registration.

A radio that is in affiliation fail state is unable to make or receive calls from the Talkgroup that the radio is trying to affiliate to.

When a radio fails to affiliate with a Talkgroup, UKP Alias is displayed in the home screen with a highlighted background.

Contact your dealer or system administrator if the radio receives affiliation failure indications.

## Register Denied

Registration denied indicators are received when the registration with the system is not accepted.

The radio does not indicate to the radio user the specific reason the registration was denied. Normally, a registration is denied when the system operator has disabled the access of the radio to the system.

When a radio is denied registration, Register Denied is displayed on the radio and the yellow LED double flashes to indicate a site search.

### 5.5

## Zone and Channel Selections

---

This chapter explains the operations to select a zone or channel on your radio.

The radio can be programmed with a maximum of 250 Capacity Max Zones with a maximum of 160 Channels per zone. Each Capacity Max zone contains a maximum of 16

assignable positions. Each Capacity Max zone contains a maximum of 16 assignable positions.

### 5.5.1

## Selecting Zones

Follow the procedure to select the required zone on your radio.

- 1 Do one of the following:
    - Press the programmed **Zone Selection** button. Proceed to [step 3](#).
    - Press  to access the menu.
- 

- 2 Press  or  to Zone. Press  to select.  
The display shows  and the current zone.
- 

3

Press  or  to the required zone. Press  to select.

The display shows <Zone> Selected momentarily and returns to the selected zone screen.

---

### 5.5.2

## Selecting Zones by Using the Alias Search

Follow the procedure to select the required zone on your radio by using the alias search.

1

Press  to access the menu.

---

2

Press  or  to Zone. Press  to select.  
The display shows  and the current zone.

---

3

Enter the first character of the required alias.  
The display shows a blinking cursor.

---

#### 4 Enter the rest of the characters of the required alias.

The alias search is case-insensitive. If there are two or more entries with the same name, the display shows the entry listed first in the list.

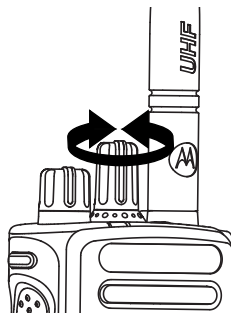
The first text line shows the characters you entered. The following text lines show the shortlisted search results.

#### 5

Press  to select.

The display shows <Zone> Selected momentarily and returns to the selected zone screen.

Your radio does not operate when selected to an unprogrammed channel, use the Channel Selector Knob to select a programmed channel instead.



Once the required zone is displayed (if you have multiple zones in your radio), turn the programmed Channel Selector Knob to select the call type.

### 5.5.3

## Selecting a Call Type

Use the Channel Selector Knob to select a call type. This can be a Group Call, Broadcast Call, All Call, or Private Call, depending on how your radio is programmed. If you change the Channel Selector Knob to a different position (that has a call type assigned to it), this causes the radio to re-register with the Capacity Max System. The radio registers with the Talkgroup ID that has been programmed for the new Channel Selector Knob position call type.

### 5.5.4

## Selecting a Site

A site provides coverage for a specific area. In a multi-site network, the Capacity Max radio will automatically search for a new site when the signal level from the current site drops to an unacceptable level.

The Capacity Max system can support up to 250 sites.

#### 5.5.5

### Roam Request

A Roam Request tells the radio to search for a different site, even if the signal from the current site is acceptable.

If there are no sites available:

- The radio display shows `Searching` and continues to search through the list of sites.
- The radio will return to the previous site, if the previous site is still available.



#### NOTICE:

This is programmed by your dealer.

Press the programmed **Manual Site Roam** button.

You hear a tone, indicating the radio has switched to a new site. The display shows `Site ID <Site Number>`.

#### 5.5.6

### Site Lock On/Off

When toggled on, the radio searches the current site only. When toggled off, the radio searches other sites in addition to the current site.

Press the programmed **Site Lock** button.

If the **Site Lock** function is toggled on:

- You hear a positive indicator tone, indicating the radio has locked to the current site.
- The display shows `Site Locked`.

If the **Site Lock** function is toggled off:

- You hear a negative indicator tone, indicating the radio is unlocked.
- The display shows `Site Unlocked`.

#### 5.5.7

### Site Restriction

In Capacity Max system, your radio administrator has the ability to decide which network sites your radio is and is not allowed to use.

The radio does not have to be reprogrammed to change the list of allowed and disallowed sites. If your radio attempts to register at a disallowed site, your radio receives indication that the site is denied. The radio then searches for a different network site.

When experiencing site restrictions, your radio displays **Register Denied** and the yellow LED double flashes to indicate a site search.

#### 5.5.8

### Site Trunking

Site Trunking is only available with Capacity Max system. A site must be able to communicate with the Trunk Controller to be considered as System Trunking.

If the site cannot communicate with the Trunk Controller in the system, a radio enters Site Trunking mode. While in Site Trunking, the radio provides a periodic audible and visual indication to the user to inform the user of their limited functionality.

When a radio is in Site Trunking, the radio displays **Site Trunking** and a repetitive tone sounds.

The radios in Site Trunking are still able to make group and individual voice calls as well as send text messages to other radios within the same site. Voice consoles, logging

recorders, phone gateways, and data applications cannot communicate to the radios at the site.

Once in Site Trunking, a radio that is involved in calls across multiple sites will only be able to communicate with other radios within the same site. Communication to and from other sites would be lost.



#### **NOTICE:**

If there are multiple sites that cover the current location of the radio and one of the sites enters Site Trunking, the radio roams to another site if within coverage.

#### 5.6

### Calls

This chapter explains the operations to receive, respond to, make, and stop calls.

You can select a subscriber alias or ID, or group alias or ID after you have selected a channel by using one of these features:

#### **Alias Search**

This method is used for Group, Private, and All Calls only with a keypad microphone.

## Contacts List

This method provides direct access to the Contacts list.

## Manual Dial (by using Contacts)

This method is used for Private and Phone Calls only with a keypad microphone.

## Programmed Number Keys

This method is used for Group, Private, and All Calls only with a keypad microphone.



### NOTICE:

You can only have one alias or ID assigned to a number key, but you can have more than one number key associated to an alias or ID. All the number keys on a keypad microphone can be assigned. See [Assigning Entries to Programmable Number Keys on page 471](#) for more information.

## Programmed One Touch Access Button

This method is used for Group, Private, and Phone Calls only.

You can only have one ID assigned to a **One Touch Access** button with a short or long programmable button press. Your radio can have multiple **One Touch Access** buttons programmed.

## Programmable Button

This method is used for Phone Calls only.

### 5.6.1

## Group Calls

Your radio must be configured as part of a group to receive a call from or make a call to the group of users.

### 5.6.1.1

## Making Group Calls

To make a call to a group of users, your radio must be configured as part of that group.

#### 1 Do one of the following:

- Select a channel with the active group alias or ID. See [Selecting a Call Type on page 79](#).
- Press the programmed **One Touch Access** button.

---

#### 2 Press the **PTT** button to make the call.

The green LED lights up. The first text line shows the **Group Call** icon and alias.

---

### 3 Do one of the following:

- Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
- Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.

### 4 Release the **PTT** button to listen.

The green LED lights up when the target radio responds. The display shows the **Group Call** icon, and alias or ID, and the transmitting radio alias or ID.

### 5 If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the transmitting radio releases the **PTT** button, indicating the channel is free for you to respond. Press the **PTT** button to respond to the call.

The call ends when there is no voice activity for a predetermined period.

The call initiator can press  to end a Group Call.

## Making Group Calls by Using the Contacts List

1

Press  to access the menu.

2

Press  or  to **Contacts**. Press  to select.

3

Press  or  to the required alias or ID. Press  to select.

4

Press the **PTT** button to make the call.

The green LED lights up.

The first line displays the subscriber alias or ID. The second line displays **Group Call** and the **Group Call** icon.

### 5 Do one of the following:

- Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.

- Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.

---

#### 6 Release the **PTT** button to listen.

The green LED lights up when the target radio responds. The display shows the **Group Call** icon, and alias or ID, and the transmitting radio alias or ID.

---

#### 7 If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the transmitting radio releases the **PTT** button, indicating the channel is free for you to respond. Press the **PTT** button to respond to the call.

The call ends when there is no voice activity for a predetermined period.

You hear a short tone. The display shows **Call Ended**.

---

#### 5.6.1.3

### Making Group Calls by Using the Programmable Number Key

Follow the procedure to make Group Calls on your radio by using the programmable number key.

#### 1 Long press the programmed number key to the predefined alias or ID when you are on the Home screen.

If a number key is assigned to an entry in a particular mode, this feature is not supported when you long press the number key in another mode.

A negative indicator tone sounds if the number key is not associated to an entry.

---

#### 2 Press the **PTT** button to make the call.

The green LED lights up. The display shows the **Group Call** icon at the top right corner. The first text line shows the caller alias. The second text line displays the call status for **Group Call**.

---

#### 3 Do one of the following:

- Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
  - Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.
-



#### 4 Release the **PTT** button to listen.

The green LED lights up when the target radio responds. The display shows the destination alias.

#### 5 If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the transmitting radio releases the **PTT** button, indicating the channel is free for you to respond. Press the **PTT** button to respond to the call.

The call ends when there is no voice activity for a predetermined period. The radio returns to the screen you were on before initiating the call.

The call initiator can press  to end the Group Call.

See [Assigning Entries to Programmable Number Keys on page 471](#) for more information.

#### 5.6.1.4

### Making Group Calls by Using the Alias Search

You can also use alias or alphanumeric search to retrieve the required subscriber alias. This feature is only applicable

while in Contacts. If the target radio is not available, you hear a short tone and see *Party Not Available* on the display; the radio returns to the menu prior to initiating the radio presence check.



#### NOTICE:

Press  button or  to exit alias search.

1

Press  to access the menu.

2

Press  or  to *Contacts*. Press  to select.  
The display shows the entries in alphabetical order.

3

Enter the first character of the required alias.  
The display shows a blinking cursor.

4

Enter the rest of the characters of the required alias.

The alias search is case-insensitive. If there are two or more entries with the same name, the display shows the entry listed first in the list.

The first text line shows the characters you entered. The following text lines show the shortlisted search results.

- 
- 5** Press the **PTT** button to make the call.

The green LED lights up. The display shows the destination ID, call type, and **Call** icon.

- 
- 6** Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.

- 
- 7** Release the **PTT** button to listen.

The green LED blinks when the target radio responds.

- 
- 8** If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the transmitting radio releases the **PTT** button, indicating the channel is free for you to respond. Press the **PTT** button to respond to the call.

The call ends when there is no voice activity for a predetermined period. A tone sounds. The display shows **Call Ended**.

The call initiator can press  to end the Group Call.

---

#### 5.6.1.5

### Responding to Group Calls

When you receive a Group Call:

- The green LED blinks.
- The first text line shows the caller alias.
- The second text line displays the group call alias.
- Your radio unmutes and the incoming call sounds through the speaker.

- 1** Do one of the following:

- If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the transmitting radio releases the **PTT** button, indicating the channel is free for you to respond. Press the **PTT** button to respond to the call.

- If the Voice Interrupt feature is enabled, press the **PTT** button to interrupt the audio from the transmitting radio and free the channel for you to respond.

The green LED lights up.

---

**2** Do one of the following:

- Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
- Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.

---

**3** Release the **PTT** button to listen.

The call ends when there is no voice activity for a predetermined period.

---

## 5.6.2

### Broadcast Call

A Broadcast Call is a one-way voice call from any user to an entire talkgroup.

The Broadcast Call feature allows only the call initiating user to transmit to the talkgroup, while the recipients of the call cannot respond.

The broadcast initiator can also end the broadcast call. To receive a call from a group of users, or to call a group of users, the radio must be configured as part of a group.

#### 5.6.2.1

### Making Broadcast Calls

**1** Do one of the following:

- Select a channel with the active group alias or ID. See [Selecting a Call Type on page 79](#).
- Press the programmed **One Touch Access** button.

---

**2** Press the **PTT** button to make the call.

The green LED lights up. The display shows the **Group Call** icon and alias.

---

**3** Do one of the following:

- Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
- Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.

The call initiator can press  to end the Broadcast Call.

---

### 5.6.2.2

## Making Broadcast Calls Using the Contact List

- 1 Press  to access the menu.

---

- 2 Press  or  to **Contacts**. Press  to select.

---

- 3 Press  or  to the required alias or ID. Press  to select.

---

- 4 Press the **PTT** button to make the call.  
The green LED blinks.  
The first line displays the subscriber alias or ID. The second line displays **Group Call** and the **Group Call** icon.

---

- 5 Do one of the following:

- Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
- Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.

The call initiator can press  to end the Broadcast Call.

---

### 5.6.2.3

## Making Broadcast Calls Using the Programmable Number Key

Follow the procedure to make Broadcast Calls on your radio using the programmable number key.

- 1 Long press the programmed number key to the predefined alias or ID when you are on the Home screen.  
  
If a number key is assigned to an entry in a particular mode, this feature is not supported when you long press the number key in another mode.

A negative indicator tone sounds if the number key is not associated to an entry.

## 2 Press the **PTT** button to make the call.

The green LED lights up. The display shows the **Group Call** icon at the top right corner. The first text line shows the caller alias.

## 3 Do one of the following:

- Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
- Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.

The call initiator can press  to end the Broadcast Call.

- The green LED blinks.
- The first text line shows the caller alias.
- The second text line displays the group call alias.
- Your radio unmutes and the incoming call sounds through the speaker.



### NOTICE:

Recipient users are not allowed to Talkback during a Broadcast Call. The display shows **Talkback Prohibit**. The Talkback Prohibit Tone plays momentarily if the **PTT** button is pressed during a Broadcast Call.

## 5.6.3

### Private Call

A Private Call is a call from an individual radio to another individual radio.

There are two ways to set up a Private Call.

- The first call type is called Off Air Call Set-Up (OACSU). OACSU sets up the call after performing a radio presence check and completes the call automatically.
- The second type is called Full Off Air Call Set-Up (FOACSU). FOACSU also sets up the call after

## 5.6.2.4

### Receiving Broadcast Calls

Follow the procedure to receive a Broadcast Call on your radio.

When you receive a Broadcast Call:

performing a radio presence check. However, FOACSU calls require user acknowledgment to complete the call and allows the user to either Accept or Decline the call.

The type of call is configured by the system administrator.

If the target radio is not available prior to setting up the Private Call, the following occur:

- A tone sounds.
- The display shows a negative mini notice.
- The radio returns to the menu prior to initiating the radio presence check.



**NOTICE:**

Both the call initiator and recipient are able to

terminate an on-going Private Call by pressing .

### 5.6.3.1

## Making Private Calls

Your radio must be programmed for you to initiate a Private Call. If this feature is not enabled, you hear a negative indicator tone when you initiate the call. If the target radio is

not available, a short tone sounds and the display shows **Party Not Available**.

#### 1 Do one of the following:

- Select a channel with the active subscriber alias or ID. See [Selecting a Call Type on page 79](#).
- Press the programmed **One Touch Access** button.

#### 2 Press the **PTT** button to make the call.

The green LED lights up. The display shows the **Private Call** icon, the subscriber alias, and call status.

#### 3 Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.

#### 4 Release the **PTT** button to listen.

The green LED lights up when the target radio responds.

#### 5 The call ends when there is no voice activity for a predetermined period. You will hear a short tone. The display shows **Call Ended**.

Both the call initiator and recipient are able to terminate an on-going Private Call by pressing .

---

### 5.6.3.2

## Making Private Calls by Using the Programmable Number Key

Follow the procedure to make Private Calls on your radio by using the programmable number key.

- 1 Long press the programmed number key to the predefined alias or ID when you are on the Home screen.

If a number key is assigned to an entry in a particular mode, this feature is not supported when you long press the number key in another mode.

A negative indicator tone sounds if the number key is not associated to an entry.

---

- 2 Press the **PTT** button to make the call.

The green LED lights up. The display shows the **Private Call** icon, subscriber ID or alias, and call status.

---

- 3 Do one of the following:

- Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
  - Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.
- 

- 4 Release the **PTT** button to listen.

The green LED blinks when the target radio responds. The display shows the destination alias.

---

- 5 The call ends when there is no voice activity for a predetermined period. You will hear a short tone. The display shows **Call Ended**.

Both the call initiator and recipient are able to

terminate an on-going Private Call by pressing .

---

See [Assigning Entries to Programmable Number Keys on page 471](#) for more information.

## 5.6.3.3

## Making Private Calls by Using the Alias Search

You can also use alias or alphanumeric search to retrieve the required subscriber alias. This feature is only applicable while in Contacts.



### NOTICE:

Press  button or  to exit alias search.

1

Press  to access the menu.

2

Press  or  to **Contacts**. Press  to select.  
The display shows the entries in alphabetical order.

3

Enter the first character of the required alias.  
The display shows a blinking cursor.

4

Enter the rest of the characters of the required alias.

The alias search is case-insensitive. If there are two or more entries with the same name, the display shows the entry listed first in the list.

The first text line shows the characters you entered. The following text lines show the shortlisted search results.

---

5 Press the **PTT** button to make the call.

The green LED lights up. The display shows the destination ID, call type, and **Private Call** icon.

---

6 Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.

---

7 Release the **PTT** button to listen.

The green LED blinks when the target radio responds.

---

8 The call ends when there is no voice activity for a predetermined period. You will hear a short tone. The display shows **Call Ended**.



Both the call initiator and recipient are able to terminate an on-going Private Call by pressing .

---

#### 5.6.3.4

### Making a Private Call with a One Touch Call Button

The One Touch Call feature allows you to easily make a Private Call to a pre-defined Private Call alias or ID. This feature can be assigned to a short or long programmable button press.

You can only have one alias or ID assigned to a One Touch Call button. Your radio can have multiple One Touch Call buttons programmed.

- 1 Press the programmed **One Touch Call** button to make a Private Call to the pre-defined Private Call alias or ID.
- 

- 2 Press the **PTT** button to make the call.

The LED lights up solid green.

The display shows the Private Call alias or ID.

---

- 3 Wait for the Talk Permit Tone to finish (if enabled) and speak clearly into the microphone.
- 

- 4 Release the **PTT** button to listen.

When the target radio responds, the LED blinks green.

If there is no voice activity for a predetermined period of time, the call ends.

Both the call initiator and recipient are able to

terminate an on-going Private Call by pressing .

---

#### 5.6.3.5

### Making Private Calls by Using the Manual Dial

- 1 Press  to access the menu.
- 

- 2 Press  or  to **Contacts**. Press  to select.
-

- 3 Press ▲ or ▼ to Manual Dial. Press  to select.
- 

- 4 Press ▲ or ▼ to Radio Number. Press  to select.
- 

- 5 Do one of the following:

- Enter the subscriber ID, and press  to proceed.
  - Edit the previously dialed subscriber ID, and press  to proceed.
- 

- 6 Press the **PTT** button to make the call.

The green LED lights up. The display shows the destination alias.

---

- 7 Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
- 

- 8 Release the **PTT** button to listen.

The green LED lights up when the target radio responds. The display shows the transmitting user alias or ID.

---

- 9 If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the transmitting radio releases the **PTT** button, indicating the channel is free for you to respond. Press the **PTT** button to respond to the call.

The call ends when there is no voice activity for a predetermined period. A tone sounds. The display shows *Call Ended*.

Both the call initiator and recipient are able to

terminate an on-going Private Call by pressing .

---

#### 5.6.3.6

### Receiving Private Calls

When you receive Private Calls configured as Off Air Call Set-Up (OACSU):

- The green LED blinks.

- The **Private Call** icon appears in the top right corner.
- The first text line shows the caller alias.
- Your radio unmutes and the incoming call sounds through the speaker.

**NOTICE:**

Depending on how your radio is configured, either OACSU or Full Off Air Call Set-Up (FOACSU), responding to Private Calls may or may not require user acknowledgment.

For the OACSU configuration, your radio unmutes and the call connects automatically.

**5.6.3.7****Accepting Private Calls**

When you receive Private Calls configured as Full Off Air Call Set-Up (FOACSU):

- The green LED blinks.
  - The **Private Call** icon appears in the top right corner.
  - The first text line shows the caller alias.
- 1 To accept a Private Call configured as FOACSU, do one of the following:

- Press  or  to Accept and press  to answer a Private Call.
- Press the **PTT** button on any entry.

The green LED lights up.

- 
- 2 Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
- 

- 3 Release the **PTT** button to listen.

The call ends when there is no voice activity for a predetermined period. A tone sounds. The display shows **Call Ended**.

**NOTICE:**

Both the call initiator and recipient are able to terminate an on-going Private Call by

pressing .

---

**5.6.3.8****Declining Private Calls**

When you receive Private Calls configured as Full Off Air Call Set-Up (FOACSU):

- The green LED blinks.
- The **Private Call** icon appears in the top right corner.
- The first text line shows the caller alias.

To decline a Private Call configured as FOACSU, do one of the following:

- Press ▲ or ▼ to Reject and press  to decline a Private Call.
- Press  to decline a Private Call.

#### 5.6.4

### All Calls

An All Call is a call from an individual radio to every radio on the site or every radio at a group of sites, depending on system configuration.

An All Call is used to make important announcements, requiring full attention from the user. The users on the system cannot respond to an All Call.

Capacity Max supports Site All Call and Multi-site All Call. The system administrator may configure one or both of these in your radio.



#### NOTICE:

Subscribers can support System-Wide All Calls but Motorola Solutions infrastructure does not support System-Wide All Calls.

#### 5.6.4.1

### Making All Calls

Your radio must be programmed for you to make an All Call.

- 1 Select a channel with the active All Call group alias or ID. See [Selecting a Call Type on page 79](#).

- 2 Press the **PTT** button to make the call.

The green LED lights up. The display shows the **Group Call** icon and either All Call, Site All Call, or Multi Site Call depending on the type of configuration.

- 3 Do one of the following:

- Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
- Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.

Users on the channel cannot respond to an All Call.

The call initiator can press  to end the All Call.

---

#### 5.6.4.2

### Making All Calls by Using the Programmable Number Key

Follow the procedure to make All Calls on your radio by using the programmable number key.

- 1 Long press the programmed number key assigned to the predefined alias or ID when you are on the Home screen.

If a number key is assigned to an entry in a particular mode, this feature is not supported when you long press the number key in another mode.

A negative indicator tone sounds if the number key is not associated to an entry.

---

- 2 Press the **PTT** button to make the call.

The green LED lights up. The display shows the **Group Call** icon and either **All Call**, **Site All Call**, or **Multi Site Call** depending on the type of configuration.

---

- 3 Do one of the following:

- Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
- Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.

The call initiator can press  to end the All Call.

---

See [Assigning Entries to Programmable Number Keys on page 471](#) for more information.

#### 5.6.4.3

### Making All Calls by Using the Alias Search

You can use alias or alphanumeric search to retrieve the required subscriber alias. This feature is only applicable

while in Contacts. Follow the procedure to make All Calls on your radio by using the alias search.



#### NOTICE:

Press  button or  to exit alias search.

1

Press  to access the menu.

2

Press  or  to **Contacts**. Press  to select.  
The display shows the entries in alphabetical order.

3

Enter the first character of the required alias.  
The display shows a blinking cursor.

4

Enter the rest of the characters of the required alias.  
The alias search is case-insensitive. If there are two or more entries with the same name, the display shows the entry listed first in the list.  
The first text line shows the characters you entered. The following text lines show the shortlisted search results.

5 Press the **PTT** button to make the call.

The green LED lights up. The display shows the destination ID, call type, and **Group Call** icon.

6 Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.



#### NOTICE:

The call initiator can press  to end the All Call.

#### 5.6.4.4

### Receiving All Calls

When you receive an All Call, the following occur:

- A tone sounds.
- The green LED blinks.
- The display shows the **Group Call** icon at the top right corner.
- The first text line shows the caller alias ID.
- The second text line displays either **All Call**, **Site All Call**, or **Multi Site Call** depending on the type of configuration.

- Your radio unmutes and the incoming call sounds through the speaker.

The radio returns to the screen before receiving the All Call when the call ends.

If the Channel Free Indication feature is enabled, you hear a short alert tone when the transmitting radio releases the **PTT** button, indicating the channel is free for you to use. You cannot respond to an All Call.



**NOTICE:**

The radio stops receiving the All Call if you switch to a different channel while receiving the call. You are not able to continue with any menu navigation or editing until the call ends during an All Call.

### 5.6.5

## Phone Calls

A Phone Call is a call in between an individual radio or a group of radios and a telephone.

Depending on how the radio is configured, the following features may or may not be made available:

- Access code
- Dual Tone Multi Frequency (DTMF) tone

- De-access code
- Displaying of caller alias or ID on receiving a phone call
- Ability to reject or accept a phone call

The Phone Call capability can be enabled by assigning and setting up phone numbers on the system. Check with your system administrator to determine how your radio has been programmed.

### 5.6.5.1

## Making Phone Calls

Follow the procedure to make Phone Calls on your radio.

- 1 Do one of the following:
  - Press the programmed **Phone** button to enter into the Phone Entry list.
  - Press the programmed **One Touch Access** button. Proceed to [step 2](#).

- 
- 2 Press  or  to the required alias or ID. Press



to select.

When you press the **PTT** button while on the Phone Contacts screen:

- A negative indicator tone sounds.
- The display shows `Press OK to Place Phone Call`.

The display shows `Access Code:` if the access code was not preconfigured.

---

3

Enter the access code, and press  to proceed.

The access or deaccess code cannot be more than 10 characters.

---

4 Press the **PTT** button to make the call.

The green LED lights up. The display shows **Phone Call** icon, subscriber alias, and call status.

If the call is successful:

- The DTMF Tone sounds.
- You hear the call waiting tone of the telephone user.
- The display shows the subscriber alias and the **Phone Call** icon.

If the call is unsuccessful:

- A tone sounds.
- The display shows `Phone Call Failed` and then, `Access Code:`.
- If the access code has been preconfigured in the Contacts list, your radio returns to the screen you were on before initiating the call.

---

5 Press the **PTT** button to respond to the call.

---

6 Release the **PTT** button to listen.

---

7 Enter extra digits with the keypad if requested by the

call, and press  to proceed.

If the call ends while you are entering the extra digits requested by the call, your radio returns to the screen you were on before initiating the call.

The DTMF Tone sounds. Your radio returns to the previous screen.

---

8

Press  to end the call.

---



## 9 Do one of the following:

- If the deaccess code was not preconfigured, enter the deaccess code when the display shows

De-Access Code:, and press  to proceed.  
The radio returns to the previous screen.

- Press the programmed **One Touch Access** button. If the entry for the **One Touch Access** button is empty, a negative indicator tone sounds.

The DTMF Tone sounds and the display shows  
Ending Phone Call.

If the call ends successfully:

- A tone sounds.
- The display shows **Call Ended**.

If the call fails to end, the radio returns to the Phone Call screen. Repeat the last two steps or wait for the telephone user to end the call.

## Making Phone Calls with the Programmable Button

Follow the procedure to make Phone Calls with the programmable button.

- 1 Press the programmed **Phone** button to enter into the Phone Entry list.

- 2 Press  or  to the required alias or ID. Press

 to select.

If the access code was not preconfigured in the Contacts list, the display shows **Access Code:**.

Enter the access code and press the  button to proceed.

The green LED lights up. The display shows **Phone Call** icon, subscriber alias or ID, and call status.

If the call-setup is successful:

- The DTMF tone sounds.
- You hear the call waiting tone of the telephone user.

- The display shows **Phone Call** icon, subscriber alias or ID, Phone Call, and call status.

If call-setup is unsuccessful:

- A tone sounds.
- The display shows Phone Call Failed.
- Your radio returns to the Access Code input screen. If the access code was preconfigured in the Contacts list, the radio returns to the screen you were on prior to initiating the call.

---

**3** Press the **PTT** button to talk. Release the **PTT** button to listen.

---

**4** To enter extra digits, if requested by the Phone Call. Do one of the following:

- Press any keypad key to begin the input of the extra digits. The display shows Extra Digits: and a blinking cursor. Enter the extra digits and press the  button to proceed. The DTMF tone sounds and the radio returns to the previous screen.

- Press **One Touch Access** button. The DTMF tone sounds. If the entry for the **One Touch Access** button is empty, a negative indicator tone sounds.

---

**5**

Press  to end the call.

If deaccess code was not preconfigured in the Contacts list, the display shows De-Access Code:.

Enter the deaccess code and press the  button to proceed.

The DTMF tone sounds and the display shows Ending Phone Call.

If the end-call-setup is successful, a tone sounds and the display shows Call Ended.

If the end-call-setup is unsuccessful, your radio returns to the Phone Call screen. Repeat [step 3](#) and [step 5](#) or wait for the telephone user to end the call.

When you press **PTT** button while in the Phone Contacts screen, a tone sounds and the display shows Press OK to Place Call.

When the telephone user ends the call, a tone sounds and the display shows Phone Call Ended.

If the call ends while you are entering the extra digits requested by the Phone Call, your radio returns to the screen you were on prior to initiating the call.



#### NOTICE:

During channel access, press  to dismiss the call attempt and a tone sounds.

During the call, when you press **One Touch Access** button with the deaccess code preconfigured or enter the deaccess code as the input for extra digits, your radio attempts to end the call.

#### 5.6.5.3

### Making Phone Calls by Using the Contacts List

Follow the procedure to make Phone Calls on your radio by using the Contacts list.

1

Press  to access the menu.

2

Press  or  to **Contacts**. Press  to select.  
The display shows the entries in alphabetical order.

3

Press  or  to the required alias or ID. Press  to select.

When you press the **PTT** button while on the Phone Contacts screen:

- A negative indicator tone sounds.
- The display shows **Press OK to Place Call**.

If the selected entry is empty:

- A negative indicator tone sounds.
- The display shows **Phone Call Invalid #**.

4

Press  or  to **Call Phone**. Press  to select.

The display shows **Access Code:** if the access code was not preconfigured.

5

Enter the access code, and press  to proceed.

The access or deaccess code cannot be more than 10 characters.

The display shows `Calling`, subscriber alias or ID, and the **Phone Call** icon.

If the call is successful:

- The DTMF Tone sounds.
- You hear the call waiting tone of the telephone user.
- The display shows the subscriber alias or ID, the **Phone Call** icon, and `Phone Call`.

If the call is unsuccessful:

- A tone sounds.
- The display shows `Phone Call Failed` and then, `Access Code:`.
- Your radio returns to the screen you were on prior to initiating the call if the access code has been preconfigured in the Contacts list.

6 Press the **PTT** button to respond to the call.

The **RSSI** icon disappears.

---

7 Release the **PTT** button to listen.

---

8 Enter extra digits with the keypad if requested by the

call, and press  to proceed.

If the call ends while you are entering the extra digits requested by the call, your radio returns to the screen you were on prior to initiating the call.

The DTMF Tone sounds. Your radio returns to the previous screen.

---

9

Press  to end the call.

---

10 If the deaccess code was not preconfigured, enter the deaccess code when the display shows `De-`

`Access Code:`, and press  to proceed.

The radio returns to the previous screen. The DTMF Tone sounds and the display shows `Ending Phone Call`.

If the call ends successfully:

- A tone sounds.
- The display shows `Call Ended`.

If the call fails to end, the radio returns to the Phone Call screen. Repeat [step 9](#) and [step 10](#), or wait for the telephone user to end the call. When you press the PTT button while in the Phone Contacts screen, as tone sounds and the display shows `Press OK to Place Call`.

When the telephone user ends the call, a tone sounds and the display shows `Phone Call Ended`.

If the call ends while you are entering the extra digits requested by the Phone Call, your radio returns to the screen you were on prior to initiating the call.

#### 5.6.5.4

## Making Phone Calls by Using the Alias Search

You can also use alias or alphanumeric search to retrieve the required subscriber alias. This feature is only applicable while in Contacts. Follow the procedure to make Phone Calls on your radio by using the alias search.



### NOTICE:

Press  button or  to exit alias search.

1

Press  to access the menu.

---

2

Press  or  to `Contacts`. Press  to select.  
The display shows the entries in alphabetical order.

---

3

Enter the first character of the required alias.  
The display shows a blinking cursor.

---

4

Enter the rest of the characters of the required alias.  
The alias search is case-insensitive. If there are two or more entries with the same name, the display shows the entry listed first in the list.  
The first text line shows the characters you entered. The following text lines show the shortlisted search results.

---

- 5 To make a call to the required alias, press  .
- 

- 6 Press  or  to Call Phone. Press  to select.

The green LED lights up. The display shows the destination ID, call type, and **Phone Call** icon.

---

- 7 Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
- 

- 8 Release the **PTT** button to listen.

The green LED blinks when the target radio responds.

---

- 9 If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the transmitting radio releases the **PTT** button, indicating the channel is free for you to respond. Press the **PTT** button to respond to the call.

The call ends when there is no voice activity for a predetermined period. A tone sounds. The display shows **Call Ended**.

---

#### 5.6.5.5

### Making Phone Calls by Using the Manual Dial

Follow the procedure to make Phone Calls on your radio by using the manual dial.

- 1 Press  to access the menu.
- 

- 2 Press  or  to Contacts. Press  to select.
- 

- 3 Press  or  to Manual Dial. Press  to select.
- 

- 4 Press  or  to Phone Number. Press  to select.

The display shows **Number:** and a blinking cursor.

---

5

Enter the telephone number, and press  to proceed.

The display shows `Access Code:` and a blinking cursor if the access code was not preconfigured.

6

Enter the access code, and press  to proceed. The access or deaccess code cannot be more than 10 characters.

The green LED lights up. The display shows the **Phone Call** icon, subscriber alias, and call status.

If the call is successful:

- The DTMF Tone sounds.
- You hear the call waiting tone of the telephone user.
- The display shows subscriber alias and the **Phone Call** icon.

If the call is unsuccessful:

- A tone sounds.
- The display shows `Phone Call Failed` and then, `Access Code:`.

- Your radio returns to the screen you were on before initiating the call if the access code has been preconfigured in the Contacts list.

---

7 Press the **PTT** button to respond to the call.

---

8 Release the **PTT** button to listen.

---

9 Enter extra digits with the keypad if requested by the call, and press  to proceed.

If the call ends while you are entering the extra digits requested by the call, your radio returns to the screen you were on before initiating the call.

The DTMF Tone sounds. Your radio returns to the previous screen.

10

Press  to end the call.

---

11 Do one of the following:

- If the deaccess code was not preconfigured, enter the deaccess code when the display shows

De-Access Code!, and press  to proceed.  
The radio returns to the previous screen.

- Press the programmed **One Touch Access** button. If the entry for the **One Touch Access** button is empty, a negative indicator tone sounds.

The DTMF Tone sounds and the display shows  
Ending Phone Call.

If the call ends successfully:

- A tone sounds.
- The display shows `Call Ended`.

If the call fails to end, the radio returns to the Phone Call screen. Repeat [step 10](#), or wait for the telephone user to end the call.

#### 5.6.5.6

### Dual Tone Multi Frequency

The Dual Tone Multi Frequency (DTMF) feature allows your radio to operate in a radio system with an interface to the telephone systems.

Disabling all radio tones and alert will automatically turn off the DTMF tone.

#### 5.6.5.6.1

### Initiating DTMF Tone

Follow the procedure to initiate a DTMF tone on your radio.

- 1 Press and hold the **PTT** button.
- 2 Do one of the following:
  - Enter the desired number to initiate a DTMF tone.
  - Press  to initiate a DTMF tone.
  - Press  to initiate a DTMF tone.

#### 5.6.5.7

### Responding to Phone Calls as All Calls

When you receive a Phone Call as an All Call, the receiving radio is unable to talkback or respond. The recipient user is also not allowed to end the All Call.

When you receive a Phone Call as an All Call:



- The display shows the **Phone Call** icon at the top right corner.
- The display shows either All Call, Site All Call, or Multi Site Call depending on the type of configuration and Phone Call.
- The green LED blinks.
- Your radio unmutes and the incoming call sounds through the speaker.

#### 5.6.5.8

### Responding to Phone Calls as Group Calls

Follow the procedure to respond to Phone Calls as Group Calls on your radio.

When you receive a Phone Call as a Group Call:

- The display shows the **Phone Call** icon and Phone Call.
- The green LED blinks.
- Your radio unmutes and the incoming call sounds through the speaker.

**1** Press the **PTT** button to respond to the call.

---

**2** Release the **PTT** button to listen.

---

**3**

Press  to end the call.



#### **NOTICE:**

Your radio is not able to terminate a phone call as a group call. The telephone user must end the call. The recipient user is only allowed to talk back during the call.

The display shows Ending Phone Call.

If the call ends successfully:

- A tone sounds.
- The display shows Call Ended.

If the call fails to end, the radio returns to the Phone Call screen. Repeat [step 3](#) or wait for the telephone user to end the call.

---

## 5.6.5.9

## Responding to Phone Calls as Private Calls

Follow the procedure to respond to Phone Calls as Private Calls on your radio.

When you receive a Phone Call as a Private Call:

- The display shows the **Phone Call** icon and Phone Call.
- The green LED blinks.
- Your radio unmutes and the incoming call sounds through the speaker.

---

1 Press the **PTT** button to respond to the call.

---

2 Release the **PTT** button to listen.

---

3 Press  to end the call.



### NOTICE:

Your radio is not able to terminate a phone call as a group call. The telephone user must end the call. The recipient user is only allowed to talk back during the call.

The display shows Ending Phone Call.

If the call ends successfully:

- A tone sounds.
- The display shows Call Ended.

If the call fails to end, the radio returns to the Phone Call screen. Repeat [step 3](#) or wait for the telephone user to end the call.

## 5.6.6

## Initiating Transmit Interrupt

An ongoing call is interrupted, when you perform the following actions:

- Press the **Voice PTT** button.
- Press the **Emergency** button.

---

The receiving radio displays Call Interrupted.

## 5.6.7

## Call Preemption

Call Preemption allows a radio to stop any in-progress voice transmission and initiate a priority transmission.

With the Call Preemption feature, the system interrupts and preempts ongoing calls in instances where trunked channels are unavailable.

Higher priority calls such as an Emergency Call or an All Call preempt the transmitting radio to accommodate the higher priority call. If no other Radio Frequency (RF) channels are available, an Emergency Call preempts an All Call as well.

## 5.6.8

## Voice Interrupt

Voice Interrupt allows the user to shut down an in-progress voice transmission.

This feature uses reverse channel signaling to stop the in-progress voice transmission of a radio, if the interrupting radio is configured to Voice Interrupt, and the transmitting radio is configured to be Voice Call Interruptible. The interrupting radio is then allowed to make a voice transmission to the participant in the stopped call.

The Voice Interrupt feature significantly improves the probability of successfully delivering a new transmission to the intended parties when a call is in progress.

Voice Interrupt is accessible to the user only if this feature has been set up in the radio. Check with your dealer or system administrator for more information.

## 5.6.8.1

### Enabling Voice Interrupt

Follow the procedure to initiate Voice Interrupt on your radio.

Your radio must be programmed to allow you to use this feature. Check with your dealer or system administrator for more information.

- 1 To interrupt the transmission during an on-going call, press the **PTT** button.

On the interrupted radio, the display shows **Call Interrupted**. The radio sounds a negative indicator tone until the **PTT** button is released.

---

- 2 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.

If unsuccessful:

- A negative indicator tone sounds.

---

### 3 Do one of the following:

- Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
  - Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.
- 

## 5.7

# Advanced Features

---

This chapter explains the operations of the features available in your radio.

Your dealer or system administrator may have customized your radio for your specific needs. Check with your dealer or system administrator for more information.

### 5.7.1

## Call Queue

When there are no resources available to process a call, Call Queue enables the call request to be placed in the system queue for the next available resources.

You hear a Call Queue Tone after pressing the **PTT** button and radio screen displays `Call In Queue` indicating that the radio has entered Call Queue State. The **PTT** button may be released once the Call Queue Tone is heard.

If the call setup is successful, the following occur:

- The green LED blinks.
- If enabled, the Talk Permit Tone sounds.
- The display shows the call type icon, ID or alias.
- The radio user has up to 4 seconds to press the **PTT** button to begin voice transmission.

If the call setup is unsuccessful, the following occur:

- If enabled, the Reject Tone sounds.
- The display shows the failure notice screen momentarily.
- The call is terminated and the radio exits the call setup.

## 5.7.2

## Priority Call

Priority Call allows the system to preempt one of the ongoing non-priority calls and initiate the requested high priority call when all channels are busy.

With all channels occupied with high priority calls, the system does not preempt any calls, and places the requesting high-priority call into call queue. If the system fails to place the requesting high-priority call into call queue, it declares failure.

The default settings for Priority Call are preconfigured. Press the programmable button to toggle between normal and high priority level. When you use the following features, the call priority level reverts automatically to the preconfigured setting.

- All voice calls
- DMR III Text Message/Text Message
- Job Ticket
- Remote monitor

The following are the types of Priority Call:

### High Priority

The radio displays `Next Call: High Priority`.

**Call Priority High** icon appears at the top of your radio display.

Voice Announcement sounds `Next Call: High Priority`.

### Normal Priority

The radio displays `Next Call: Normal Priority`.

**Call Priority High** icon disappears.

Voice Announcement sounds `Next Call: Normal Priority`.

## 5.7.3

## Talkgroup Scan

This feature allows your radio to monitor and join calls for groups defined by a Receive Group List.

When scan is enabled, your radio unmutes to any member in its Receive Group List.

When scan is disabled, your radio does not receive transmission from any members of the Receive Group List, except for All Call, Permanent Talkgroup, and the selected Talkgroup.

## 5.7.3.1

## Turning Talkgroup Scan On or Off

Follow the procedure to turn Talkgroup Scan on or off on your radio.

- 1 Press  to access the menu.

---

- 2 Press  or  to Scan. Press  to select.

---

- 3 Do one of the following:
  - Press  or  to Turn On. Press  to select.
  - Press  or  to Turn Off. Press  to select.

If scan is enabled:

- The display shows Scan On and **Scan** icon.
- The yellow LED blinks.
- A positive indicator tone sounds.

If scan is disabled:

- The display shows Scan Off.
- The **Scan** icon disappears.
- The LED turns off.
- A negative indicator tone sounds.

## 5.7.4

## Receive Group List

Receive Group List is a feature that allows you to create and assign members on the talkgroup scan list.

This list is created when your radio is programmed and it determines which groups can be scanned. Your radio can support a maximum of 16 members in this list.

If your radio has been programmed to edit the scan list, you can:

- Add/remove talkgroups.
- Add, remove, and/or edit priority for talkgroups. Refer to [Editing Priority for a Talkgroup on page 116](#).
- Add, remove, and/or edit affiliation talkgroups. Refer to [Adding Talkgroup Affiliation on page 117](#) and [Removing Talkgroup Affiliation on page 118](#).

- Replace the existing scan list with a new scan list.

If a talkgroup is programmed as Permanent Talkgroup, you are unable to edit the talkgroup from the scan list.



**IMPORTANT:**

To add member into the list, the talkgroup must first be configured in the radio.



**NOTICE:**

Receive Group List is programmed by the system administrator. Check with your dealer or system administrator for more information.

### 5.7.5

## Priority Monitor

The Priority Monitor feature allows the radio to automatically receive transmission from talkgroups with higher priority even when radio is in a talkgroup call.

Radio leaves lower priority talkgroup call for higher priority talkgroup call.



**NOTICE:**

This feature can only be accessed when Talkgroup Scan feature is enabled.

Priority Monitor feature applies only to members in the Receive Group List. There are two Priority Talkgroups:

Priority 1 (P1) and Priority 2 (P2). P1 has higher priority than P2. In Capacity Max system, the radio receives transmission according to the priority order below:

- 1 Emergency Call for P1 Talkgroup
- 2 Emergency Call for P2 Talkgroup
- 3 Emergency Call for Non-priority Talkgroups in the Receive Group List
- 4 All Call
- 5 P1 Talkgroup Call
- 6 P2 Talkgroup Call
- 7 Non-priority Talkgroups in the Receive Group List

See [Editing Priority for a Talkgroup on page 116](#) for more information on how to add, remove, and/or edit the priority of the talkgroups in the scan list.



**NOTICE:**

This feature is programmed by the system administrator. Check with your dealer or system administrator for more information.

## 5.7.5.1

## Editing Priority for a Talkgroup

In the Talkgroup Scan Menu, you can view or edit the priority of a talkgroup.

- 1 Press  to access the menu.

---

- 2 Press  or  to Scan. Press  to select.

---

- 3 Press  or  to View/Edit List. Press  to select.

---

- 4 Press  or  to the required talkgroup. Press  to select.  
The current priority is indicated by a **Priority 1** or **Priority 2** icon beside the talkgroup.

---

- 5 Press  or  to Edit Priority. Press  to select.

---

- 6 Press  or  to the required priority level. Press  to select.

If another talkgroup has been assigned to Priority 1 or Priority 2, you can choose to overwrite the current priority. When the display shows **Overwrite Existing?**, press  or  to the following options:

- No to return to the previous step.
- Yes to overwrite.

The display shows positive mini notice before returning to the previous screen. The priority icon appears beside the talkgroup.

## 5.7.6

## Multi-Talkgroup Affiliation

Your radio can be configured for up to seven talkgroups at a site.

Of the 16 talkgroups in the Receive Group List, up to seven talkgroups can be assigned as affiliation talkgroups. The selected talkgroup and the priority talkgroups are automatically affiliated.



## 5.7.6.1

## Adding Talkgroup Affiliation

Follow the procedure to add a talkgroup affiliation.

- 1 Press  to access the menu.

---

- 2 Press  or  to Scan. Press  to select.

---

- 3 Press  or  to View/Edit List. Press  to select.

---

- 4 Press  or  to the required talkgroup ID or alias. Press  to select.  
The affiliation status is displayed at the View/Edit List. The display shows  beside the selected talkgroup ID or alias.

---

- 5 Press  or  to Edit Affiliation. Press  to select.

---

6 Do one of the following:

- Press  or  to On. Press  to select.
- Press  or  to Off. Press  to select.

When On is selected,  appears beside the talkgroup ID or alias.

If affiliation is successful, the display shows  beside the selected talkgroup ID or alias.

If affiliation is unsuccessful,  remains beside the talkgroup ID or alias.



### NOTICE:

The radio displays List Full when a maximum of seven talkgroups are selected for affiliation in the scan list. To select a new talkgroup for affiliation, remove an existing affiliated talkgroup to make way for the new addition. See [Removing Talkgroup Affiliation on page 118](#) for more information.

## 5.7.6.2

## Removing Talkgroup Affiliation

When the affiliation list is full and you want to select a new talkgroup for affiliation, remove an existing affiliated talkgroup to make way for the new addition. Follow the procedure to remove a talkgroup affiliation.

- 1 Press  to access the menu.

---

- 2 Press  or  to Scan. Press  to select.

---

- 3 Press  or  to View/Edit List. Press  to select.

---

- 4 Press  or  to the required talkgroup ID or alias. Press  to select.  
The affiliation status is displayed at the View/Edit List. The display shows  beside the selected talkgroup ID or alias.

---

5

Press  or  to Edit Affiliation. Press  to select.

---

6

Press  or  to Off. Press  to select.

When Off is selected,  disappears from beside the talkgroup ID or alias.

---

## 5.7.7

## Talkback

The Talkback feature allows you to respond to a transmission while scanning.

If your radio scans into a call from the selectable group scan list, and if the **PTT** button is pressed during the scanned call, the operation of the radio depends on whether Talkback was enabled or disabled during radio programming. Check with your dealer or system administrator for more information.

### Talkback Disabled

The radio leaves the scanned call and attempts to transmit on the contact for the currently selected channel position. After the Call Hang Time on the

currently selected contact expires, the radio returns to the home channel and starts the Scan Hang Time Timer. The radio resumes group scan after its Scan Hang Time Timer expires.

### Talkback Enabled

If the **PTT** button is pressed during the Group Hang Time of the scanned call, the radio attempts to transmit to the scanned group.



#### NOTICE:

If you scan into a call for a group that is not assigned to a channel position in the currently selected zone and the call ends, switch to the proper zone and then select the channel position of the group to talk back to that group.

### 5.7.8

## Bluetooth®

This feature allows you to use your radio with a Bluetooth-enabled device (accessory) through a Bluetooth connection. Your radio supports both Motorola Solutions and Commercially available Off-The-Shelf (COTS) Bluetooth-enabled devices.

Bluetooth operates within a range of 10 m (32ft) line of sight. This is an unobstructed path between your radio and

your Bluetooth-enabled device. For high degree of reliability, Motorola Solutions recommends to not separate the radio and the accessory.

At the fringe areas of reception, both voice and tone quality start to sound "garbled" or "broken". To correct this problem, position your radio and Bluetooth-enabled device closer to each other (within the 10 m defined range) to re-establish clear audio reception. The Bluetooth function of your radio has maximum power of 2.5 mW (4 dBm) at the 10 m range.

Your radio can support up to three simultaneous Bluetooth connections with Bluetooth-enabled devices of unique types. For example, a headset, a scanner, a sensor device, and a PTT-Only Device (POD).

Refer to the user manual of your respective Bluetooth-enabled device for more details on the full capabilities of your Bluetooth-enabled device.

Your radio connects to the Bluetooth-enabled device within range with either the strongest signal strength, or to one which it has connected to before in a prior session. Do not turn off your Bluetooth-enabled device or press the home

back button  during the finding and connecting operation as this cancels the operation.

## 5.7.8.1

## Turning Bluetooth On and Off

Follow the procedure to turn Bluetooth on and off.

- 1 Press  to access the menu.

---

- 2 Press  or  to Bluetooth. Press  to select.

---

- 3 Press  or  to My Status. Press  to select.  
The display shows On and Off. The current status is indicated by a .

---

- 4 Do one of the following:
  - Press  or  to On. Press  to select. The display shows  beside On.
  - Press  or  to Off. Press  to select.  
The display shows  beside Off.

---

## 5.7.8.2

## Connecting to Bluetooth Devices

Follow the procedure to connect to Bluetooth devices.

Turn on your Bluetooth-enabled device and place it in pairing mode.

- 1 Press  to access the menu.

---

- 2 Press  or  to Bluetooth. Press  to select.

---

- 3 Press  or  to Devices. Press  to select.

---

- 4 Do one of the following:
  - Press  or  to the required device. Press  to select.
  - Press  or  to Find Devices to locate available devices. Press  or  to the required device. Press  to select.

---

5

Press ▲ or ▼ to Connect. Press  to select.

Your Bluetooth-enabled device may require additional steps to complete the pairing. Refer to the user manual of your Bluetooth-enabled device.

The display shows Connecting to <Device>.

---

Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows <Device> Connected and the **Bluetooth Connected** icon.
- The display shows ✓ beside the connected device.

If unsuccessful:

- A negative indicator tone sounds.
- The display shows Connecting Failed.

### 5.7.8.3

## Connecting to Bluetooth Devices in Discoverable Mode

Follow the procedure to connect to Bluetooth devices in discoverable mode.

Turn on your Bluetooth-enabled device and place it in pairing mode.

1

Press  to access the menu.

---

2

Press ▲ or ▼ to Bluetooth. Press  to select.

---

3

Press ▲ or ▼ to Find Me. Press  to select.  
The radio can now be found by other Bluetooth-enabled devices for a programmed duration. This is called Discoverable Mode.

---

Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows <Device> Connected and the **Bluetooth Connected** icon.

- The display shows ✓ beside the connected device.

If unsuccessful:

- A negative indicator tone sounds.
- The display shows Connecting Failed.

#### 5.7.8.4

### Disconnecting from Bluetooth Devices

Follow the procedure to disconnect from Bluetooth devices.

- 1 Press  to access the menu.
- 2 Press ▲ or ▼ to Bluetooth. Press  to select.
- 3 Press ▲ or ▼ to Devices. Press  to select.
- 4 Press ▲ or ▼ to the required device. Press  to select.

5

Press ▲ or ▼ to Disconnect. Press  to select.

The display shows Disconnecting from <Device>.

Wait for acknowledgment.

- A tone sounds.
- The display shows <Device> Disconnected and the **Bluetooth Connected** icon disappears.
- The ✓ disappears beside the connected device.

#### 5.7.8.5

### Switching Audio Route between Internal Radio Speaker and Bluetooth Device

Follow the procedure to toggle audio routing between internal radio speaker and external Bluetooth device.

Press the programmed **Bluetooth Audio Switch** button.

The display shows one of the following results:

- A tone sounds. The display shows Route Audio to Radio.
- A tone sounds. The display shows Route Audio to Bluetooth.

### 5.7.8.6

## Viewing Device Details

Follow the procedure to view device details on your radio.

- 1 Press  to access the menu.
- 2 Press  or  to Bluetooth. Press  to select.
- 3 Press  or  to Devices. Press  to select.
- 4 Press  or  to the required device. Press  to select.

5

Press  or  to View Details. Press  to select.

### 5.7.8.7

## Editing Device Name

Follow the procedure to edit the name of available Bluetooth-enabled devices.

- 1 Press  to access the menu.
- 2 Press  or  to Bluetooth. Press  to select.
- 3 Press  or  to Devices. Press  to select.
- 4 Press  or  to the required device. Press  to select.
- 5 Press  or  to Edit Name. Press  to select.

- 6 Enter a new device name. Press  to select.  
The display shows Device Name Saved.
- 

## 5.7.8.8

## Deleting Device Name

You can remove a disconnected device from the list of Bluetooth-enabled devices.

- 1 Press  to access the menu.
- 
- 2 Press  or  to Bluetooth. Press  to select.
- 
- 3 Press  or  to Devices. Press  to select.
- 
- 4 Press  or  to the required device. Press  to select.
- 

- 5 Press  or  to Delete. Press  to select.  
The display shows Device Deleted.
- 

## 5.7.8.9

## Adjusting Bluetooth Mic Gain Values

Allows control of microphone gain value in connected Bluetooth-enabled devices.

- 1 Press  to access the menu.
- 
- 2 Press  or  to Bluetooth. Press  to select.
- 
- 3 Press  or  to BT Mic Gain. Press  to select.
- 
- 4 Press  or  to the BT Mic Gain type and the current values. To edit values, press  to select.
-



- 5 Press ▲ or ▼ to increase or to decrease values.

Press  to select.

#### 5.7.8.10

### Permanent Bluetooth Discoverable Mode

The Permanent Bluetooth Discoverable Mode must be enabled by the dealer or system administrator.



#### NOTICE:

If enabled, Bluetooth is **not** displayed in the Menu and you cannot use any Bluetooth programmable button features.

Other Bluetooth-enabled devices can locate your radio, but the devices cannot connect to the radio. The Permanent Bluetooth Discoverable Mode enables dedicated devices to use your radio position in the process of Bluetooth-based location.

#### 5.7.9

## Indoor Location



#### NOTICE:

Indoor Location feature is applicable for models with the latest software and hardware. Check with your dealer or system administrator for more information.

Indoor Location is use to keep track of the location of radio users. When Indoor Location is activated, the radio is in a limited discoverable mode. Dedicated beacons are used to locate the radio and determine its position.

#### 5.7.9.1

### Turning Indoor Location On or Off

You can turn on or turn off Indoor Location by performing one of the following actions.

- Access this feature through the menu.
  - a. Press  to access the menu.
  - b. Press ▲ or ▼ to Bluetooth and press  to select.

- c. Press ▲ or ▼ to Indoor Location and press



to select.

- d. Press  to turn on Indoor Location.

The display shows Indoor Location On. You hear a positive indicator tone.

One of the following scenarios occurs.

- If successful, the Indoor Location Available icon appears on the Home screen display.
- If unsuccessful, the display shows Turning On Failed. You hear a negative indicator tone.

- e. Press  to turn off Indoor Location.

The display shows Indoor Location Off. You hear a positive indicator tone.

One of the following scenarios occurs.

- If successful, the Indoor Location Available icon disappears on the Home screen display.

- If unsuccessful, the display shows Turning Off Failed. You hear a negative indicator tone.

- Access this feature by using the programmed button.

- a. Long press the programmed **Indoor Location** button to turn on Indoor Location.

The display shows Indoor Location On. You hear a positive indicator tone.

One of the following scenarios occurs.

- If successful, the Indoor Location Available icon appears on the Home screen display.
- If unsuccessful, the display shows Turning On Failed. If unsuccessful, you hear a negative indicator tone.

- b. Press the programmed **Indoor Location** button to turn off Indoor Location.

The display shows Indoor Location Off. You hear a positive indicator tone.

One of the following scenarios occurs.

- If successful, the Indoor Location Available icon disappears on the Home screen display.

- If unsuccessful, the display shows Turning Off Failed. If unsuccessful, you hear a negative indicator tone.

### 5.7.9.2

## Accessing Indoor Location Beacons Information

Follow the procedure to access Indoor Location beacons information.

- 1 Press  to access the menu.
- 2 Press  or  to Bluetooth and press  to select.
- 3 Press  or  to Indoor Location and press  to select.

4

Press  or  to Beacons and press  to select.

The display shows the beacons information.

### 5.7.10

## Job Tickets

This feature allows your radio to receive messages from the dispatcher listing out tasks to perform.



### NOTICE:

This feature can be customized through the Customer Programming Software (CPS) according to user requirements. Check with your dealer or system administrator for more information.

There are two folders that contain different Job Tickets:

### My Tasks folder

Personalized Job Tickets assigned to your signed in user ID.

### Shared Tasks folder

Shared Job Tickets assigned to a group of individuals.

You can respond to Job Tickets in order to sort them into Job Ticket Folders. By default, the folders are **All**, **New**, **Started**, and **Completed**.

Job Tickets are retained even after the radio is turned off and turned on again.

All Job Tickets are located in the **All** folder. Depending on how your radio is programmed, Job Tickets are sort by their priority level followed by time received. New Job Tickets, Job Tickets with recent changes in state, and Job Tickets with the highest priority are listed first.

Upon reaching the maximum number of Job Tickets, the next Job Ticket automatically replaces the last Job Ticket in your radio. Your radio supports a maximum of 100 or 500 Job Tickets, depending on your radio model. Check with your dealer or system administrator for more information. Your radio automatically detects and discards duplicated Job Tickets with the same Job Ticket ID.

Depending on the importance of the Job Tickets, the dispatcher adds a Priority Level to them. There are three priority levels: Priority 1, Priority 2, and Priority 3. Priority 1 has the highest priority and Priority 3 has the lowest priority. There are also Job Tickets with no priority.

Your radio updates accordingly when dispatcher makes the following changes:

- Modify content of Job Tickets.
- Add or edit Priority Level of Job Tickets.
- Move Job Tickets from folder to folder.
- Canceling of Job Tickets.

#### 5.7.10.1

### Accessing the Job Ticket Folder

Follow the procedure to access the Job Ticket folder.

1 Do one of the following:

- Press the programmed **Job Ticket** button. Proceed to [step 3](#).
- Press  to access the menu.

2

Press  or  to Job Tickets. Press  to select.

3

Press  or  to the required folder. Press  to select.

- 4 Press ▲ or ▼ to the required Job Ticket. Press



to select.

If unsuccessful:

- A negative indicator tone sounds.
- The display shows a negative mini notice.

### 5.7.10.2

## Logging In or Out of the Remote Server

This feature allows you to log in and log out of the remote server by using your user ID.

1

Press  to access the menu.

2

Press ▲ or ▼ to Log In. Press  to select.

If you are already logged in, menu displays Log Out.

The display shows a transitional mini notice, indicating the request is in progress.

- 3 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

### 5.7.10.3

## Creating Job Tickets

Your radio is able to create Job Tickets, which are based on a Job Ticket template and send out tasks that need to be performed.

CPS programming software is required to configure the Job Ticket template.

1

Press  to access the menu.

2

Press ▲ or ▼ to Job Tickets. Press  to select.

3

Press ▲ or ▼ to Create Ticket. Press  to select.

## 5.7.10.4

## Sending Job Tickets Using One Job Ticket Template

If your radio is configured with one Job Ticket template, perform the following actions to send the Job Ticket.

- 1 Use the keypad to type the required room number.

Press  to select.

---

- 2 Press  or  to Room Status. Press  to select.
- 

- 3 Press  or  to the required option. Press  to select.
- 

- 4 Press  or  to Send. Press  to select.  
The display shows a transitional mini notice, indicating the request is in progress.
- 

- 5 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
  - The display shows a negative mini notice.
- 

## 5.7.10.5

## Sending Job Tickets Using More Than One Job Ticket Template

If your radio is configured with more than one Job Ticket template, perform the following actions to send the Job Tickets.

- 1 Press  or  to the required option. Press  to select.
-

- 2 Press ▲ or ▼ to Send. Press  to select.

The display shows a transitional mini notice, indicating the request is in progress.

---

- 3 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
  - The display shows a negative mini notice.
- 

#### 5.7.10.6

### Responding to Job Tickets

Follow the procedure to respond to job tickets on your radio.

- 1 Press  to access the menu.
- 

- 2 Press ▲ or ▼ to Job Tickets. Press  to select.
- 

- 3 Press ▲ or ▼ to the required folder. Press  to select.
- 

- 4 Press ▲ or ▼ to the required job ticket. Press  to select.
- 

- 5 Press  once more to access the sub-menu.  
You can also press the corresponding number key (1–9) to **Quick Reply**.
- 

- 6 Press ▲ or ▼ to the required job ticket. Press  to select.

The display shows a transitional mini notice, indicating the request is in progress.

---

## 7 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
- The display shows a negative mini notice.

### 5.7.10.7

## Deleting Job Tickets

Follow the procedure to delete job tickets on your radio.

### 1 Do one of the following:

- Press the programmed **Job Ticket** button.  
Proceed to [step 4](#)
- Press  to access the menu.

### 2

Press  or  to Job Tickets. Press  to select.

### 3

Press  or  to the required folder. Press  to select.

### 4

Press  or  to All folder. Press  to select.

### 5

Press  or  to the required Job Ticket. Press  to select.

### 6

Press  again while viewing the Job Ticket.

### 7

Press  or  to Delete. Press  to select.  
The display shows a transitional mini notice, indicating the request is in progress.

### 8

Wait for acknowledgment.  
If successful:



- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
- The display shows a negative mini notice.

#### 5.7.10.8

### Deleting All Job Tickets

Follow the procedure to delete all job tickets on your radio.

#### 1 Do one of the following:

- Press the programmed **Job Ticket** button.  
Proceed to [step 3](#).
- Press  to access the menu.

#### 2

Press  or  to Job Tickets. Press  to select.

#### 3

Press  or  to the required folder. Press  to select.

#### 4

Press  or  to All folder. Press  to select.

#### 5

Press  or  to Delete All. Press  to select.

#### 6 Do one of the following:

- Press  or  to Yes. Press  to select.  
The display shows a positive mini notice.
- Press  or  to No. Press  to select.  
The radio returns to the previous screen.

#### 5.7.11

### Multi-Site Controls

These features are applicable when your current radio channel is configured to a Capacity Max system.

## 5.7.11.1

## Enabling Manual Site Search

1 Perform one of the following actions:

- Press the programmed **Manual Site Roam** button. Skip the following steps.
- Press  to access the menu.

2

Press  or  to Utilities. Press  to select.

3

Press  or  to Radio Settings. Press  to select.

4

Press  or  to Site Roaming. Press  to select.

5

Press  or  to Active Search. Press  to select.

A tone sounds. The green LED blinks. The display shows Finding Site.

If the radio finds a new site, your radio shows the following indications:

- A positive tone sounds.
- The LED extinguishes.
- The display shows Site <Alias> Found.

If the radio fails to find a new site, your radio shows the following indications:

- A negative tone sounds.
- The LED extinguishes.
- The display shows Out of Range.

If a new site is within range, but the radio is unable to connect to it, your radio shows the following indications:

- A negative tone sounds.
- The LED turns off.
- The display shows Channel Busy.

## 5.7.11.2

## Site Lock On/Off

When toggled on, the radio searches the current site only.  
When toggled off, the radio searches other sites in addition to the current site.

Press the programmed **Site Lock** button.

If the **Site Lock** function is toggled on:

- You hear a positive indicator tone, indicating the radio has locked to the current site.
- The display shows `Site Locked`.

If the **Site Lock** function is toggled off:

- You hear a negative indicator tone, indicating the radio is unlocked.
- The display shows `Site Unlocked`.

## 5.7.11.3

## Accessing Neighbor Sites List

This feature allows the user to check the adjacent sites list of the current home site. Follow the procedure to access the Neighbor Sites List:

1

Press  to access the menu.

2

Press  or  to Utilities. Press  to select.

3

Press  or  to Radio Info. Press  to select.

4

Press  or  to Neighbor Sites. Press  to select.

## 5.7.12

## Home Channel Reminder

This feature provides a reminder when the radio is not set to the home channel for a period of time.

If this feature is enabled when your radio is not set to the home channel for a period of time, the following occurs periodically:

- The Home Channel Reminder tone and announcement sound.

- The display shows Non Home Channel.

#### 5.7.12.1

### Muting the Home Channel Reminder

When the Home Channel Reminder sounds, you can temporarily mute the reminder.

Press the programmed **Silence Home Channel Reminder** button.

The display shows HCR Silenced.

#### 5.7.12.2

### Setting New Home Channels

When the Home Channel Reminder occurs, you can set a new home channel.

- 1 Do one of the following:
  - Press the **Reset Home Channel** programmable button to set the current channel as the new Home Channel. Skip the following steps. The first line of the display shows the channel alias and the second line shows New Home Ch.

- Press  to access the menu.

2

Press  or  to Utilities. Press  to select.

3

Press  or  to Radio Settings. Press  to select.

4

Press  or  to Home Channel. Press  to select.

5

Press  or  to the desired new home channel alias. Press  to select.

The display shows  beside the selected home channel alias.

#### 5.7.13

### Remote Monitor

This feature is used to turn on the microphone of a target radio with a subscriber alias or ID. You can use this feature

to remotely monitor any audible activity surrounding the target radio.

Both your radio and the target radio must be programmed to allow you to use this feature.

If initiated, the green LED blinks once on the target radio. This feature automatically stops after a programmed duration or when there is any user operation on the target radio.

#### 5.7.13.1

### Initiating Remote Monitor

Follow the procedure to initiate Remote Monitor on your radio.

1 Press the programmed **Remote Monitor** button.

2 Press ▲ or ▼ to the required alias or ID. Press



to select.

The display shows a transitional mini notice, indicating the request is in progress. The green LED lights up.

3 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.
- The audio from the monitored radio starts playing for a programmed duration, and the display shows **Rem. Monitor**. Once the timer expires, an alert tone sounds, and the LED turns off.

If unsuccessful:

- A negative indicator tone sounds.
- The display shows a negative mini notice.

#### 5.7.13.2

### Initiating Remote Monitor by Using the Contacts List

Follow the procedure to initiate Remote Monitor on your radio by using the Contacts list.

1

Press  to access the menu.

2 Press ▲ or ▼ to **Contacts**. Press  to select.

---

3 Press ▲ or ▼ to the required alias or ID. Press  to select.

---

4 Press ▲ or ▼ to **Remote Mon.**. Press  to select.

The display shows a transitional mini notice, indicating the request is in progress. The green LED lights up.

---

5 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.
- The audio from the monitored radio starts playing for a programmed duration, and the display shows **Rem. Monitor**. Once the timer expires, an alert tone sounds, and the LED turns off.

If unsuccessful:

- A negative indicator tone sounds.
  - The display shows a negative mini notice.
- 

### 5.7.13.3

## Initiating Remote Monitors by Using the Manual Dial

Follow the procedure to initiate Remote Monitor on your radio by using the manual dial.

1 Press  to access the menu.

---

2 Press ▲ or ▼ to **Contacts**. Press  to select.

---

3 Press ▲ or ▼ to **Manual Dial**. Press  to select.

---

4 Press ▲ or ▼ to **Radio Number**. Press  to select.

---

## 5 Do one of the following:

- Enter the subscriber alias or ID, and press  to proceed.
- Edit the previously dialed ID, and press  to proceed.

## 6 Press or to Remote Mon.. Press to select.

The display shows a transitional mini notice, indicating the request is in progress. The green LED lights up.

## 7 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.
- The audio from the monitored radio starts playing for a programmed duration, and the display shows *Rem. Monitor*. Once the timer expires, an alert tone sounds, and the LED turns off.

If unsuccessful:

- A negative indicator tone sounds.
- The display shows a negative mini notice.

### 5.7.14

## Contacts Settings

Contacts provides address book capabilities on your radio. Each entry corresponds to an alias or ID that you use to initiate a call. The entries are alphabetically sorted.

Each entry, depending on context, associates with the different call types: Group Call, Private Call, Broadcast Call, Site All Call, Multi-site All Call, PC Call, or Dispatch Call.

PC Call and Dispatch Call are data-related. They are only available with the applications. Refer to the data applications documentation for further details.

Contacts menu allows you to assign each entry to a programmable number key or more on a keypad

microphone. If an entry is assigned to a number key, your radio can perform a quick dial on the entry.



**NOTICE:**

You see a checkmark before each number key that is assigned to an entry. If the checkmark is before Empty, you have not assign a number key to the entry.

Each entry within Contacts displays the following information:

- Call Type
- Call Alias
- Call ID



**NOTICE:**

If the Privacy feature is enabled on a channel, you can make privacy-enabled Group Calls, Private Calls, All Calls, and Phone Calls on that channel. Only target radios with the same Privacy Key, or the same Key Value and Key ID as your radio are able to decrypt the transmission.

### 5.7.14.1

## Assigning Entries to Programmable Number Keys

Follow the procedure to assign entries to programmable number keys on your radio.

- 1 Press  to access the menu.

---

- 2 Press  or  to Contacts. Press  to select.

---

- 3 Press  or  to the required alias or ID. Press  to select.

---

- 4 Press  or  to Program Key. Press  to select.

---

- 5 Do one of the following:
  - If the desired number key has not been assigned to an entry, press  or  to the desired number key. Press  to select.



- If the desired number key has been assigned to an entry, the display shows `The Key is Already Assigned` and then, the first text line shows `Overwrite?`. Do one of the following:

Press ▲ or ▼ to Yes. Press  to select.

The radio sounds a positive indicator tone and the display shows `Contact Saved` and a positive mini notice.

Press ▲ or ▼ to No to return to the previous step.

#### 5.7.14.2

## Removing Associations Between Entries and Programmable Number Keys

Follow the procedure to remove the associations between entries and programmable number keys on your radio.

### 1 Do one of the following:

- Long press the programmed number key to the required alias or ID. Proceed to [step 4](#).

- Press  to access the menu.

### 2 Press ▲ or ▼ to `Contacts`. Press to select.

### 3 Press ▲ or ▼ to the required alias or ID. Press to select.

### 4 Press ▲ or ▼ to `Program Key`. Press to select.

### 5 Press ▲ or ▼ to `Empty`. Press to select. The first text line shows `Clear from all keys`.

- 6 Press ▲ or ▼ to Yes. Press  to select.



**NOTICE:**

When an entry is deleted, the association between the entry and its programmed number key(s) is removed.

A positive indicator tone sounds. The display shows `Contact Saved`.

The screen automatically returns to the previous menu.

### 5.7.14.3

## Adding New Contacts

Follow the procedure to add new contacts on your radio.

- 1 Press  to access the menu.
- 
- 2 Press ▲ or ▼ to `Contacts`. Press  to select.
- 

- 3 Press ▲ or ▼ to `New Contact`. Press  to select.
- 

- 4 Press ▲ or ▼ to select contact type `Radio`  
`Contact` or `Phone Contact`. Press  to select.
- 

- 5 Enter the contact number with the keypad, and press  to proceed.
- 

- 6 Enter the contact name with the keypad, and press  to proceed.
- 

- 7 Press ▲ or ▼ to the required ringer type. Press  to select.
- A positive indicator tone sounds. The display shows a positive mini notice.
-

## 5.7.15

## Call Indicator Settings

This feature allows you to configure call or text message ringing tones.

## 5.7.15.1

### Activating or Deactivating Call Ringers for Private Calls

- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities. Press  to select.

---

- 3 Press  or  to Radio Settings. Press  to select.

---

- 4 Press  or  to Tones/Alerts. Press  to select.

---

- 5 Press  or  to Call Ringers. Press  to select.

---

- 6 Press  or  to Private Call. Press  to select.

---

- 7 Do one of the following:

- Press  or  to the required tone. Press  to select.  
The display shows  and the selected tone.
  - Press  or  to Off. Press  to select.  
If the ringing tones were earlier enabled, the display shows  beside Off.  
If the ringing tones were earlier disabled, the display does not show  beside Off.
-

## 5.7.15.2

## Activating or Deactivating Call Ringers for Text Messages

- 1 Press  to access the menu.
- 2 Press  or  to Utilities. Press  to select.
- 3 Press  or  to Radio Settings. Press  to select.
- 4 Press  or  to Tones/Alerts. Press  to select.
- 5 Press  or  to Call Ringers. Press  to select.

- 6 Press  or  to Text Message. Press  to select.

The display shows  and the current tone.

- 7 Do one of the following:

- Press  or  to the required tone. Press  to select.  
The display shows  and the selected tone.
- Press  or  to Off. Press  to select.  
If the ringing tones were earlier enabled, the display shows  beside Off.  
If the ringing tones were earlier disabled, the display does not show  beside Off.

## 5.7.15.3

## Activating or Deactivating Call Ringers for Call Alerts

- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities. Press  to select.

---

- 3 Press  or  to Radio Settings. Press  to select.

---

- 4 Press  or  to Tones/Alert. Press  to select.

---

- 5 Press  or  to Call Ringers. Press  to select.

---

- 6 Press  or  to Call Alert. Press  to select.

---

7 Do one of the following:

- Press  or  to the required tone. Press  to select.  
The display shows  and the selected tone.
- Press  or  to Off. Press  to select.  
If the ringing tones were earlier enabled, the display shows  beside Off.  
If the ringing tones were earlier disabled, the display does not show  beside Off.

## 5.7.15.4

## Activating or Deactivating Call Ringers for Telemetry Status with Text

Follow the procedure to activate or deactivate call ringers for telemetry status with text on your radio.

- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities. Press  to select.

---

3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Tones/Alert. Press  to select.

---

5 Press ▲ or ▼ to Call Ringers. Press  to select.

---

6 Press ▲ or ▼ to Telemetry. Press  to select.  
The current tone is indicated by a ✓.

---

7 Do one of the following:

- Press ▲ or ▼ to the preferred tone. Press  to select.  
The display shows Tone <Number> Selected and a ✓ appears left of the selected tone.

- Press ▲ or ▼ to Turn Off. Press  to select.  
The display shows Telemetry Ringer Off and a ✓ appears left of Turn Off.
- 

#### 5.7.15.5

### Assigning Ring Styles

The radio can be programmed to sound one of eleven predefined ringing tones when receiving a Private Call, a Call Alert, or a Text Message from a particular contact. The radio sounds out each ring style as you navigate through the list.

1 Press  to access the menu.

---

2 Press ▲ or ▼ to Contacts. Press  to select.  
The entries are alphabetically sorted.

---

3 Press ▲ or ▼ to the required alias or ID. Press  to select.

---

4 Press ▲ or ▼ to View/Edit. Press  to select.

5 Press  until display shows Ringer menu  
A ✓ indicates the current selected tone.

6 Press ▲ or ▼ to the required tone. Press  to select.  
The display shows a positive mini notice.

displays the All Tone Mute icon. If All Tones status is enabled, the related ring alert type is displayed.

The radio vibrates once if it is a momentary ring style. The radio vibrates repetitively if it is a repetitive ring style. When set to Ring and Vibrate, the radio sounds a specific ring tone if there is any incoming radio transaction (for example, Call Alert or Message). It sounds like a positive indicator tone or missed call.

For radios with batteries that support the vibrate feature and are attached to a vibrating belt clip, the available Ring Alert Type options are Silent, Ring, Vibrate, and Ring and Vibrate.

For radios with batteries that do not support the vibrate feature and are not attached to a vibrating belt clip, Ring Alert Type is automatically set to Ring. The available Ring Alert Type options are Silent and Ring.

You can select a Ring Alert Type by performing one of the following actions.

- Press the programmed **Ring Alert Type** button to access the Ring Alert Type menu.
  - a. Press ▲ or ▼ to Ring, Vibrate, Ring & Vibrate or Silent and press  to select.

#### 5.7.15.6

### Selecting a Ring Alert Type



#### NOTICE:

The programmed **Ring Alert Type** button is assigned by your dealer or system administrator. Check with your dealer or system administrator to determine how your radio has been programmed.

You can program the radio calls to one predetermined vibrate call. If All Tones status is disabled, the radio

- Access this feature through the menu.
  - a. Press  to access the menu.
  - b. Press  or  to Utilities and press  to select.
  - c. Press  or  to Radio Settings and press  to select.
  - d. Press  or  to Tones/Alerts and press  to select.
  - e. Press  or  to Ring Alert Type and press  to select.
  - f. Press  or  to Ring, Vibrate, Ring & Vibrate or Silent and press  to select.

## 5.7.15.7

## Configuring Vibrate Style



### NOTICE:

The programmed **Vibrate Style** button is assigned by your dealer or system administrator. Check with your dealer or system administrator to determine how your radio has been programmed.

Vibrate Style is enabled when the Vibrating Belt Clip is attached to the radio with a battery that supports the vibrate feature.

You can configure the vibrate style by performing one of the following actions.

- Press the programmed **Vibrate Style** button to access the Vibrate Style menu.
  - a. Press  or  to Short, Medium, or Long and press  to select.
- Access this feature via the menu.
  - a. Press  to access the menu.
  - b. Press  or  to Utilities and press  to select.



- c. Press ▲ or ▼ to Radio Settings and press  to select.
- d. Press ▲ or ▼ to Tones/Alerts and press  to select.
- e. Press ▲ or ▼ to Vibrate Style and press  to select.
- f. Press ▲ or ▼ to Short, Medium, or Long and press  to select.

#### 5.7.15.8

### Escalating Alarm Tone Volume

The radio can be programmed to continually alert, when a radio call remains unanswered. This is done by automatically increasing the alarm tone volume over time. This feature is known as Escalert. Follow the procedure to escalate alarm tone volume on your radio.

- 1 Press  to access the menu.

- 2 Press ▲ or ▼ to Utilities. Press  to select.
- 3 Press ▲ or ▼ to Radio Settings. Press  to select.
- 4 Press ▲ or ▼ to Tones/Alert. Press  to select.
- 5 Press ▲ or ▼ to Escalert.
- 6 Press  to enable OR disable Escalert. If enabled, ✓ appears beside Enabled. If disabled, ✓ disappears beside Enabled.

#### 5.7.16

### Call Log Features

Your radio keeps track of all recent outgoing, answered, and missed Private Calls. The call log feature is used to view and manage recent calls.

Missed Call Alerts may be included in the call logs, depending on the system configuration on your radio. You can perform the following tasks in each of your call lists:

- Store Alias or ID to Contacts
- Delete Call
- View Details

#### 5.7.16.1

### Viewing Recent Calls

- 1 Press  to access the menu.
- 2 Press  or  to Call Log. Press  to select.
- 3 Press  or  to the preferred list. The options are Missed, Answered, and Outgoing lists.  
  
Press  to select.  
  
The display shows the most recent entry.
- 4 Press  or  to view the list.

You can start a call with the alias or ID the display is currently showing by pressing the **PTT** button.

#### 5.7.16.2

### Storing Aliases or IDs from the Call List

Follow the procedure to store aliases or IDs on your radio from the Call list.

- 1 Press  to access the menu.
- 2 Press  or  to Call Log. Press  to select.
- 3 Press  or  to the required list. Press  to select.
- 4 Press  or  to the required alias or ID. Press  to select.

- 5 Press ▲ or ▼ to Store. Press  to select.  
The display shows a blinking cursor.
- 

- 6 Enter the rest of the characters of the required alias.  
Press  to select.  
You can store an ID without an alias.  
The display shows a positive mini notice.
- 

### 5.7.16.3

## Deleting Calls from the Call List

Follow the procedure to delete calls on your radio from the Call list.

- 1 Press  to access the menu.
- 
- 2 Press ▲ or ▼ to Call Log. Press  to select.
- 

- 3 Press ▲ or ▼ to the required list. Press  to select.

If the list is empty:

- A tone sounds.
  - The display shows List Empty.
- 

- 4 Press ▲ or ▼ to the required alias or ID. Press  to select.
- 

- 5 Press ▲ or ▼ to Delete Entry?. Press  to select.
- 

- 6 Do one of the following:
- Press  to select Yes to delete the entry.  
The display shows Entry Deleted.
  - Press ▲ or ▼ to No. Press  to select.  
The radio returns to the previous screen.
-

## 5.7.16.4

## Viewing Details from the Call List

Follow the procedure to view details on your radio from the Call list.

- 1 Press  to access the menu.

---
- 2 Press  or  to Call Log. Press  to select.

---
- 3 Press  or  to the required list. Press  to select.

---
- 4 Press  or  to the required alias or ID. Press  to select.

---
- 5 Press  or  to View Details. Press  to select.  
The display shows the details.

---

## 5.7.17

## Call Alert Operation

Call Alert paging enables you to alert a specific radio user to call you back when they are able to do so.

This feature is applicable for subscriber aliases or IDs only and is accessible through the menu by using Contacts, manual dial, or a programmed **One Touch Access** button.

In Capacity Max, the Call Alert feature allows a radio user or a dispatcher to send an alert to another radio user requesting the radio user to call back the initiating radio user when available. Voice communication is not involved in this feature.

The Call Alert Operation can be configured by the dealer or the system administrator in two ways:

- The radio is configured to allow you to press the **PTT** button to respond directly to the call initiator by making a Private Call.
- The radio is configured to allow you to press the **PTT** button and continue with other Talkgroup communication. Pressing the **PTT** button on the call alert entry will not allow the user to respond to the call initiator. The user must navigate to the Missed Call Log option at the Call Log menu and respond to the Call Alert from there.

An Off Air Call Set-Up (OACSU) private call allows the user to respond immediately while a Full Off Air Call Set-Up (FOACSU) private call requires user acknowledgment for the call. OACSU type calls are therefore, recommended being used for the Call Alert feature. See [Private Call on page 89](#).

#### 5.7.17.1

### Making Call Alerts

Follow the procedure to make Call Alerts on your radio.

- 1 Press the programmed **One Touch Access** button.

The display shows **Call Alert** and the subscriber alias or ID. The green LED lights up.

- 2 Wait for acknowledgment.

If the Call Alert acknowledgment is received, the display shows a positive mini notice.

If the Call Alert acknowledgment is not received, the display shows a negative mini notice.

### Making Call Alerts by Using the Contacts List

- 1 Press  to access the menu.

---

- 2 Press  or  to **Contacts**. Press  to select.

---

- 3 Do one of the following:
  - Select the subscriber alias or ID directly  
Press  or  to the required alias or ID.  
Press  to select.
  - Use the **Manual Dial** menu  
Press  or  to **Manual Dial**. Press  to select.  
Press  or  to **Radio Number**. Press  to select.

#### 5.7.17.2

The display shows **Radio Number:** and a blinking cursor. Enter the subscriber ID you

want to page. Press  to select.

4

Press  or  to **Call Alert**. Press  to select.

The display shows **Call Alert** and the subscriber alias or ID. The green LED lights up.

5 Wait for acknowledgment.

- If the acknowledgment is received, the display shows a positive mini notice.
- If the acknowledgment is not received, the display shows a negative mini notice.

### 5.7.17.3

## Responding to Call Alerts

When you receive a Call Alert:

- A repetitive tone sounds.
- The yellow LED blinks.

- The display shows the notification list listing a Call Alert with the alias or ID of the calling radio.

Depending on the configuration by your dealer or system administrator, you can respond to a Call Alert by doing one of the following:

- Press the **PTT** button and respond with a Private Call directly to the caller.
- Press the **PTT** button to continue normal talkgroup communication.  
The Call Alert is moved to the Missed Call option at the Call Log menu. You can respond to the caller from the Missed Called log.

See [Notification List on page 202](#) and [Call Log Features on page 149](#) for more information.

### 5.7.18

## Dynamic Caller Alias

This feature allows you to dynamically edit a Caller Alias from your radio front panel.

When in a call, the receiving radio displays the Caller Alias of the transmitting radio.

The Caller Aliases list can store up to 500 Caller Aliases of transmitting radio. You can view or make Private Calls from the Caller Aliases list. When you turn off your radio, the history of receiving Caller Aliases is removed from the Caller Aliases list.

#### 5.7.18.1

### Editing Your Caller Alias After Turning On the Radio

1 Turn on your radio.

---

2 Enter your new Caller Alias. Press  to proceed.

The display shows a positive mini notice.



**NOTICE:**

When in a call, the receiving radio displays your new Caller Alias.

---

#### 5.7.18.2

### Editing Your Caller Alias from the Main Menu

1 Press  to access the menu.

---

2 Press  or  to Utilities. Press  to select.

---

3 Press  or  to Radio Info.. Press  to select.

---

4 Press  or  to My ID. Press  to select.

---

5 Press  to proceed.

---

6 Press  or  to Edit. Press  to select.

---

7

Enter your new Caller Alias. Press  to select.

The display shows a positive mini notice.

**NOTICE:**

When in a call, the receiving radio displays your new Caller Alias.

**5.7.18.3****Viewing the Caller Aliases List**

You can access the Caller Aliases list to view the transmitting Caller Alias details.

1

Press  to access the menu.

2

Press  or  to Caller Aliases. Press  to select.

3

Press  or  to the preferred list. Press  to select.

4

Press  or  to View Details. Press  to select.

**5.7.18.4****Initiating Private Call From the Caller Aliases List**

You can access the Caller Aliases list to initiate Private Call.

1

Press  to access the menu.

2

Press  or  to Caller Aliases. Press  to select.

3

Press  or  to the *<required Caller Alias>*.

4

To call, press and hold the **PTT** button.



## 5.7.19

## Mute Mode

Mute Mode provides an option to silence all audio indicators on your radio.

When Mute Mode is initiated, all audio indicators are muted except higher priority features such as emergency operations.

When Mute Mode is exited, your radio resumes playing ongoing tones and audio transmissions.



### IMPORTANT:

You can only enable either Face Down or Man Down one at a time. Both features cannot be enabled together.

This feature is applicable to DGP 5550e/DGP 8550e, DGP 5050e/DGP 8050e only.

## 5.7.19.1

### Turning On Mute Mode

Follow the procedure to turn on Mute Mode.

Do one of the following:

- Access this feature by using the programmed **Mute Mode** button.
- Access this feature by placing the radio in a face-down position momentarily.

Depending on radio model, the Face Down feature can be enabled either through the radio menu or by your system administrator. Check with your dealer or system administrator for more information.



### IMPORTANT:

User can only enable either Man Down or Face Down at a time. Both features cannot be enabled together.



### NOTICE:

Face Down feature is applicable to DGP 5550e/DGP 8550e only.

The following occurs when Mute mode is enabled:

- Positive Indicator Tone sounds.
- Display shows `Mute Mode On`.
- The red LED light starts blinking and remains blinking until Mute Mode is exited.
- Display shows **Mute Mode** icon on home screen.
- Radio is muted.

- Mute Mode Timer begins counting down the duration that is configured.

## 5.7.19.2

## Setting Mute Mode Timer

Mute Mode feature can be enabled for a pre-configured amount of time by setting the Mute Mode Timer. The timer duration is configured in the radio menu and can range between 0.5–6 hours. Mute Mode is exited once the timer expires.

If the timer is left at 0, the radio remains in Mute mode for an indefinite period until the radio is moved to a face-up position or the programmed **Mute Mode** button is pressed.



### NOTICE:

Face Down feature is applicable to DGP 5550e/DGP 8550e only.

- 1 Press  to access the menu.
- 2 Press  or  to Utilities. Press  to select.

- 3 Press  or  to Radio Settings. Press  to select.

- 4 Press  or  to Mute Timer. Press  to select.

- 5 Press  or  to edit the numeric value of each digit, and press .

## 5.7.19.3

## Exiting Mute Mode

This feature can be exited automatically once the Mute Mode Timer expires.

Do one of the following to exit Mute mode manually:

- Press the programmed **Mute Mode** button.
- Press the **PTT** button on any entry.

- Place the radio in a face-up position momentarily.



**NOTICE:**

Face Down feature is applicable to DGP 5550e/DGP 8550e only.

The following occurs when Mute mode is disabled:

- Negative Indicator Tone sounds.
- Display shows `Mute Mode Off`.
- The blinking red LED turns off.
- **Mute Mode** icon disappears from home screen.
- Your radio unmutes and speaker state is restored.
- If the timer has not expired, Mute mode timer is stopped.



**NOTICE:**

Mute Mode is also exited if the user transmits voice or switches to an unprogrammed channel.

## 5.7.20

## Emergency Operation

An Emergency Alarm is used to indicate a critical situation. You are able to initiate an Emergency at any time even when there is activity on the current channel.

In Capacity Max, the receiving radio can only support a single Emergency Alarm at a time. If initiated, a second Emergency Alarm will override the first alarm.

When an Emergency Alarm is received, the recipient may choose to either delete the alarm and exit the Alarm List, or respond to the Emergency Alarm by pressing the **PTT** button and transmitting non-emergency voice.

Your dealer or system administrator can set the duration of a button press for the programmed **Emergency** button, except for long press, which is similar with all other buttons:

### Short Press

Duration between 0.05 seconds and 0.75 seconds.

### Long Press

Duration between 1.00 second and 3.75 seconds.

The **Emergency** button is assigned with the Emergency On/Off feature. Check with your dealer for the assigned operation of the **Emergency** button.



**NOTICE:**

If short press the **Emergency** button is assigned to turn on the Emergency mode, then long press the **Emergency** button is assigned to exit the Emergency mode.

If long press the **Emergency** button is assigned to turn on the Emergency mode, then short press the **Emergency** button is assigned to exit the Emergency mode.

Your radio supports three Emergency Alarms:

- Emergency Alarm
- Emergency Alarm with Call
- Emergency Alarm with Voice to Follow

In addition, each alarm has the following types:

**Regular**

Radio transmits an alarm signal and shows audio and/or visual indicators.

**Silent**

Radio transmits an alarm signal without any audio or visual indicators. Radio receives calls without any

sound through the speaker, until the programmed *hot mic* transmission period is over and/or you press the **PTT** button.

**Silent with Voice**

Radio transmits an alarm signal without any audio or visual indicators, but allow incoming calls to sound through the speaker. If *hot mic* is enabled, the incoming calls sound through the speaker after the programmed *hot mic* transmission period is over. The indicators only appear once you press the **PTT** button.



**NOTICE:**

Only one of the Emergency Alarms above can be assigned to the programmed **Emergency** button.

5.7.20.1

## Sending Emergency Alarms

This feature allows you to send an Emergency Alarm, a non-voice signal, which triggers an alert indication on a group of radios. Follow the procedure to send Emergency Alarms on your radio.

Your radio does not display any audio or visual indicators during Emergency mode when it is set to Silent.

## 1 Press the programmed **Emergency On** button.

You see one of these results:

- The display shows Tx Alarms and the destination alias.
- The display shows Tx Telegram and the destination alias.

The green LED lights up. The **Emergency** icon appears.



### NOTICE:

If programmed, the Emergency Search tone sounds. This tone is muted when the radio transmits or receives voice, and stops when the radio exits Emergency mode. The Emergency Search tone can be programmed by the dealer or system administrator.

## 2 Wait for acknowledgment.

If successful:

- The Emergency tone sounds.
- The green LED blinks.
- The display shows Alarm Sent.

If unsuccessful after all retries have been exhausted:

- A tone sounds.
- The display shows Alarm Failed.

The radio exits the Emergency Alarm mode and returns to the Home screen.



### NOTICE:

When configured for Emergency Alarm only, the emergency process consists only of the Emergency Alarm delivery. The emergency ends when an acknowledgment is received from the system, or when channel access attempts have been exhausted.

No voice call is associated with the sending of an Emergency Alarm when operating as Emergency Alarm Only.

### 5.7.20.2

## Sending Emergency Alarms with Call

This feature allows you to send an Emergency Alarm with Call to a group of radios or a dispatcher. Upon acknowledgment by the infrastructure within the group, a

group of radios can communicate over a programmed Emergency channel.

The radio must be configured for Emergency Alarm and Call to perform an emergency call after the alarm process.

**1 Press the programmed **Emergency On** button.**

The display shows Tx Alarm and the destination alias. The **Emergency** icon appears. The green LED lights up.



**NOTICE:**

If your radio is programmed, the Emergency Search tone sounds. This tone is muted when the radio transmits or receives voice, and stops when the radio exits Emergency mode.

If an Emergency Alarm acknowledgment is successfully received:

- The Emergency tone sounds.
- The green LED blinks.
- The display shows Alarm Sent.
- Your radio enters the Emergency call mode when the display shows Emergency and the destination group alias.

If an Emergency Alarm acknowledgment is not successfully received:

- All retries are exhausted.
- A low-pitched tone sounds.
- The display shows Alarm Failed.
- The radio exits the Emergency Alarm mode.

---

**2 Press the **PTT** button to initiate a voice transmission.**

The green LED lights up. The display shows the **Group Call** icon.

---

**3 Do one of the following:**

- Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
- Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.

---

**4 Release the **PTT** button to listen.**

The display shows the caller and group aliases.

---

**5 Press the **PTT** button to respond to the call.**

If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the transmitting radio releases the **PTT** button, indicating the channel is free for you to respond.

- 
- 6 Press the **Emergency Off** button to exit the Emergency mode.

The radio returns to the Home screen.



**NOTICE:**

Depending on how your radio is programmed, you may or may not hear a Talk Permit tone. Your radio dealer or system administrator can provide more information on how your radio has been programmed for Emergency.

The Emergency Call initiator may press  to end an on-going emergency call. The radio returns to a call idle state but the emergency call screen remains open.

## Sending Emergency Alarms with Voice to Follow

This feature allows you to send an Emergency Alarm with Voice to Follow to a group of radios. Your radio microphone is automatically activated, allowing you to communicate with the group of radios without pressing the **PTT** button. This activated microphone state is also known as *hot mic*.

If your radio has Emergency Cycle Mode enabled, repetitions of *hot mic* and receiving period are made for a programmed duration. During Emergency Cycle Mode, received calls sound through the speaker.

If you press the **PTT** button during the programmed receiving period, you hear a prohibit tone, indicating that you should release the **PTT** button. The radio ignores the **PTT** button press and remains in Emergency mode.

If you press the **PTT** button during *hot mic*, and continue to press it after the *hot mic* duration expires, the radio continues to transmit until you release the **PTT** button.

If the Emergency Alarm request fails, the radio does not retry to send the request, and enters the *hot mic* state directly.



### NOTICE:

Some accessories may not support *hot mic*. Check with your dealer or system administrator for more information.

Follow the procedure to send Emergency Alarms with voice to follow on your radio.

#### 1 Press the programmed **Emergency On** button.

You see one of these results:

- The display shows Tx Alarm and the destination alias.
- The display shows Tx Telegram and the destination alias.

The green LED lights up. The **Emergency** icon appears.

---

#### 2 Once the display shows Alarm Sent, speak clearly into the microphone.

The radio automatically stops transmitting when:

- The cycling duration between *hot mic* and receiving calls expires, if Emergency Cycle Mode is enabled.
- The *hot mic* duration expires, if Emergency Cycle Mode is disabled.

---

#### 3 Press the **Emergency Off** button to exit the Emergency mode.

The radio returns to the Home screen.

---

#### 5.7.20.4

### Receiving Emergency Alarms

The receiving radio can only support a single Emergency Alarm at a time. If initiated, a second Emergency Alarm will override the first alarm. Follow the procedure to receive and view Emergency Alarms on your radio.

When you receive an Emergency Alarm:

- A tone sounds.
- The red LED blinks.



- The display shows the Emergency Alarm List, the Emergency Talkgroup ID or alias, and the ID or alias of the transmitting radio.

1 Press  to view the alarm.

---

2 Press  to view the action options and details of the entry in the Alarm List.

---

3 Press  and select **Yes** to exit the Alarm list.  
The radio returns to the home screen with an **Emergency Icon** displayed at the top, indicating the unresolved Emergency Alarm. The **Emergency Icon** disappears once the entry in the Alarm List is deleted.

---

4 Press  to access the menu.

---

5 Select **Alarm List** to revisit the Alarm list.

---

- 6 The tone sounds and the red LED blinks until you exit the Emergency mode. However, the tone can be silenced. Do one of the following:
- Press the **PTT** button to call the group of radios which received the Emergency Alarm.
  - Press any programmable button.
- 

#### 5.7.20.5

### Responding to Emergency Alarms

When an Emergency Alarm is received, the recipient may choose to either delete the alarm and exit the Alarm List, or respond to the Emergency Alarm by pressing the **PTT** button and transmitting non-emergency voice. Follow the procedure to respond to Emergency Alarms on your radio.

- If the Emergency Alarm Indication is enabled, the Emergency Alarm List appears when the radio receives an Emergency Alarm. Press  or  to the required alias or ID.
  - If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the transmitting radio releases the **PTT** button, indicating the channel is free for you to respond. Press the **PTT**
-

button to transmit non-emergency voice to the same group the Emergency Alarm targeted.

The green LED lights up.

---

### 3 Do one of the following:

- Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
- Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.

---

### 4 Release the **PTT** button to listen.

When the emergency initiating radio responds:

- The red LED blinks.
- The display shows the **Emergency Call** icon, the Emergency Talkgroup ID or alias, and the ID or alias of the transmitting radio.



#### NOTICE:

If the Emergency Call Indication is not enabled, the display shows the **Group Call** icon, Emergency Talkgroup ID or alias, and the ID or alias of the transmitting radio.

---

#### 5.7.20.6

### Responding to Emergency Alarms with Call

Follow the procedure to respond to Emergency Alarms with Call on your radio.

When you receive an Emergency Call:

- The Emergency Call Tone sounds if the Emergency Call Indication and Emergency Call Decode Tone is enabled. The Emergency Call Tone will not sound if only the Emergency Call Indication is enabled.
  - The display shows the **Emergency Call** icon at the top right corner.
  - The text line shows the Emergency Talkgroup ID or alias, and the ID or alias of the transmitting radio.
  - Your radio unmutes and the incoming call sounds through the speaker.
- 1 If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the transmitting radio releases the **PTT** button, indicating

the channel is free for you to respond. Press the **PTT** button to respond to the call.

The green LED lights up.

- 
- 2** Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
- 

- 3** Release the **PTT** button to listen.

When the emergency initiating radio responds:

- The red LED blinks.
- The display shows the **Emergency Call** icon, the Emergency Talkgroup ID or alias, and the ID or alias of the transmitting radio.



**NOTICE:**

If the Emergency Call Indication is not enabled, the display shows the **Group Call** icon, Emergency Talkgroup ID or alias, and the ID or alias of the transmitting radio.

---

## Exiting Emergency Mode

Press the programmed **Emergency Off** button.

---

Your radio shows the following indications:

- The tone ceased.
- The red LED extinguished.
- When acknowledgment is received, the display of the transmitting radio shows `Cancel Emer Success`. If no acknowledgement is received, the display shows `Cancel Emer Failed`.



**NOTICE:**

If the Cancel Emergency configuration is enabled on the transmitting radio, the emergency alarm in your receiving radio will cease and the status is added to the Alarm List of the receiving radio.

### 5.7.21

## Text Messaging

Your radio is able to receive data, for example a text message, from another radio or a text message application.

There are two types of text messages, Digital Mobile Radio (DMR) Short Text Message and text message. The maximum length of a DMR Short Text Message is 23 characters. The maximum length of a text message is 280 characters, including the subject line. The subject line only appears when you receive messages from e-mail applications.



#### NOTICE:

The maximum character length is only applicable for models with the latest software and hardware. For radio models with older software and hardware, the maximum length of a text message is 140 characters. Contact your dealer for more information.

### 5.7.21.1

## Text Messages

The text messages are stored in an Inbox, and sorted according to the most recently received.

The radio exits the current screen once the inactivity timer

expires. Long press  at any time to return to the Home screen.

### 5.7.21.1.1

## Viewing Text Messages

- 1 Press  to access the menu.

---

- 2 Press  or  to Messages. Press  to select.

---

- 3 Press  or  to Inbox. Press  to select.  
If the Inbox is empty:
  - The display shows *List Empty*.
  - A tone sounds, if the Keypad Tone is turned on.

---

- 4 Press  or  to the required message. Press  to select.

The display shows a subject line if the message is from an e-mail application.

## 5.7.21.1.2

## Viewing Telemetry Status Text Messages

Follow the procedure to view a telemetry status text message from the inbox.

- 1 Press  to access the menu.

---

- 2 Press  or  to Messages. Press  to select.

---

- 3 Press  or  to Inbox. Press  to select.

---

- 4 Press  or  to the required message. Press  to select.  
 You cannot reply to a Telemetry Status text message.  
 The display shows Telemetry: <Status Text Message>.

---

- 5 Long press  to return to the Home screen.

---

## 5.7.21.1.3

## Viewing Saved Text Messages

- 1 Do one of the following:
  - Press the programmed **Text Message** button. Proceed to [step 3](#).
  - Press  to access the menu.

---

- 2 Press  or  to Messages. Press  to select.

---

- 3 Press  or  to Drafts. Press  to select.

---

- 4 Press  or  to the required message. Press  to select.

---

## 5.7.21.1.4

## Responding to Text Messages

When you receive a text message:

- The display shows the Notification list with the alias or ID of the sender.
- The display shows the **Message** icon.

**NOTICE:**

The radio exits the Text Message alert screen and sets up a Private or Group Call to the sender of the message if the **PTT** button is pressed.

## 1 Do one of the following:

- Press ▲ or ▼ to Read. Press  to select. The display shows the text message. The display shows a subject line if the message is from an e-mail application.
- Press ▲ or ▼ to Read Later. Press  to select. The radio returns to the screen you were on prior to receiving the text message.
- Press ▲ or ▼ to Delete. Press  to select.

## 2

Press  to return to the Inbox.

## 5.7.21.1.5

## Responding to Text Messages with Quick Text

## 1 Do one of the following:

- Press the programmed **Text Message** button. Proceed to Step 3.
- Press  to access the menu.

## 2

Press ▲ or ▼ to Messages. Press  to select.

## 3

Press ▲ or ▼ to Inbox. Press  to select.

## 4

Press ▲ or ▼ to the required message. Press  to select.

The display shows a subject line if the message is from an e-mail application.

5 Press  to access the sub-menu.

---

6 Do one of the following:

- Press ▲ or ▼ to Reply. Press  to select.
- Press ▲ or ▼ to Quick Reply. Press  to select.

A blinking cursor appears. You can write or edit your message, if required.

---

7 Press  once message is composed.

The display shows a transitional mini notice, confirming the message is being sent.

---

8 Wait for acknowledgment.

If successful:

- A tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A tone sounds.
  - The display shows a negative mini notice.
  - The radio returns to the Resend option screen.
- 

#### 5.7.21.1.6

### Forwarding Text Messages

When you are at the Resend option screen:

1 Press ▲ or ▼ to Forward, and press  to send the same message to another subscriber or group alias or ID.

---

2 Press ▲ or ▼ to the required alias or ID. Press  to select.

The display shows a transitional mini notice, confirming your message is being sent.

---

3 Wait for acknowledgment.

If successful:

- A tone sounds.

- The display shows a positive mini notice.

If unsuccessful:

- A tone sounds.
- The display shows a negative mini notice.

#### 5.7.21.1.7

### Forwarding Text Messages by Using the Manual Dial

1 Press ▲ or ▼ to Forward. Press  to select.

2 Press  to send the same message to another subscriber or group alias or ID.

3 Press ▲ or ▼ to Manual Dial. Press  to select.

The display shows Radio Number:.

4

Enter the subscriber ID, and press  to proceed.

The display shows a transitional mini notice, confirming your message is being sent.

5 Wait for acknowledgment.

If successful:

- A tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A tone sounds.
- The display shows a negative mini notice.

#### 5.7.21.1.8

### Editing Text Messages

Select Edit to edit the message.



#### NOTICE:

If a subject line is present (for messages received from an e-mail application), you cannot edit it.



- 1 Press ▲ or ▼ to Edit. Press  to select.  
The display shows a blinking cursor.
- 

- 2 Use the keypad to edit your message.
- Press ◀ to move one space to the left.
  - Press ▶ or #  to move one space to the right.
  - Press \* ◀ to delete any unwanted characters.
  - Long press #  to change text entry method.
- 

- 3 Press  once message is composed.
- 

- 4 Do one of the following:
- Press ▲ or ▼ to Send and press  to send the message.
  - Press ▲ or ▼ to Save and press  to save the message to the Drafts folder.

- Press  to edit the message.
  - Press  to choose between deleting the message or saving it to the Drafts folder.
- 

#### 5.7.21.1.9

### Sending Text Messages

It is assumed that you have a newly written text message or a saved text message.

Select the message recipient. Do one of the following:

- Press ▲ or ▼ to the required alias or ID. Press  to select.
- Press ▲ or ▼ to Manual Dial. Press  to select. The first line of the display shows Radio Number:1. The second line of the display shows a

blinking cursor. Key in the subscriber alias or ID.

Press .

The display shows transitional mini notice, confirming your message is being sent.

If successful:

- A tone sounds.
- The display shows positive mini notice.

If unsuccessful:

- A low tone sounds.
- The display shows negative mini notice.
- The message is moved to the Sent Items folder.
- The message is marked with a Send Failed icon.



**NOTICE:**

For a newly written text message, the radio returns you to the *Resend* option screen.

## Editing Saved Text Messages

1

Press  while viewing the message.

---

2

Press  or  to Edit. Press  to select.  
A blinking cursor appears.

---

3

Use the keypad to type your message.

Press  to move one space to the left.

Press  or  to move one space to the right.

Press  to delete any unwanted characters.

Long press  to change text entry method.

---

4

Press  once message is composed.

Do one of the following:

- Press ▲ or ▼ to Send. Press  to send the message.
- Press . Press ▲ or ▼ to choose between saving or deleting the message. Press  to select.

## 5.7.21.1.11

## Resending Text Messages

When you are at the Resend option screen:

Press  to resend the same message to the same subscriber or group alias or ID.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
- The display shows a negative mini notice.

- The radio returns to the Resend option screen.

## 5.7.21.1.12

## Deleting All Text Messages from the Inbox

1 Do one of the following:

- Press the programmed **Text Message** button. Proceed to [step 3](#).
- Press  to access the menu.

2

Press ▲ or ▼ to Messages. Press  to select.

3

Press ▲ or ▼ to Inbox. Press  to select.

If the Inbox is empty:

- The display shows List Empty.
- A tone sounds.

- 4 Press ▲ or ▼ to Delete All. Press  to select.
- 

- 5 Press ▲ or ▼ to Yes. Press  to select.  
The display shows a positive mini notice.
- 

#### 5.7.21.1.13

### Deleting Saved Text Messages from the Drafts Folder

- 1 Do one of the following:
  - Press the programmed **Text Message** button. Proceed to [step 3](#).
  - Press  to access the menu.

---

- 2 Press ▲ or ▼ to Messages. Press  to select.

---

- 3 Press ▲ or ▼ to Drafts. Press  to select.

---

- 4 Press ▲ or ▼ to the required message. Press  to select.
- 

- 5 Press  again while viewing the message.
- 

- 6 Press ▲ or ▼ to Delete. Press  to delete the text message.
- 

#### 5.7.21.2

### Sent Text Messages

Once a message is sent to another radio, it is saved in Sent Items folder. The most recent sent text message is always added to the top of the Sent Items folder. You can resend, forward, edit, or delete a Sent text message.

The Sent Items folder is capable of storing a maximum of 30 last sent messages. When the folder is full, the next sent text message automatically replaces the oldest text message in the folder.

If you exit the message sending screen while the message is being sent, the radio updates the status of the message

in the Sent Items folder without providing any indication in the display or via sound.

If the radio changes mode or powers down before the status of the message in Sent Items folder is updated, the radio cannot complete any In-Progress messages and automatically marks it with a **Send Failed** icon.

The radio supports a maximum of five In-Progress messages at one time. During this period, the radio cannot send any new message and automatically marks it with a **Send Failed** icon.

If you long press  at any time, the radio returns to the Home screen.



#### NOTICE:

If the channel type, for example a conventional digital or Capacity Plus channel, is not a match, you can only edit, forward, or delete a Sent message.

#### 5.7.21.2.1

### Viewing Sent Text Messages

1 Do one of the following:

- Press the programmed **Text Message** button.  
Proceed to [step 3](#).

- Press  to access the menu.

2

Press  or  to Messages. Press  to select.

3

Press  or  to Sent Items. Press  to select.

If the Sent Items folder is empty:

- The display shows List Empty.
- A low tone sounds, if the Keypad Tone is turned on.

4

Press  or  to the required message. Press  to select.

The display shows a subject line if the message is from an e-mail application.

## 5.7.21.2.2

## Sending Sent Text Messages

When you are viewing a Sent message:

- 1 Press .

---

- 2 Press  or  to **Resend**. Press  to select.  
The display shows a transitional mini notice, confirming your message is being sent.

---

- 3 Wait for acknowledgment.  
If successful:
  - A tone sounds.
  - The display shows a positive mini notice.
 If unsuccessful:
  - A tone sounds.
  - The display shows a negative mini notice.

- The radio proceeds to the **Resend** option screen. See [Resending Text Messages on page 175](#) for more information.

## 5.7.21.2.3

## Deleting All Sent Text Messages from the Sent Items Folder

Follow the procedure to delete all sent text messages from the Sent Items folder on your radio.

- 1 Do one of the following:
  - Press the programmed **Text Message** button. Proceed to [step 3](#).
  - Press  to access the menu.

---

- 2 Press  or  to **Messages**. Press  to select.

---

- 3 Press  or  to **Sent Items**. Press  to select.  
If the Sent Items folder is empty:

- The display shows `List Empty`.
- A tone sounds.

4

Press ▲ or ▼ to `Delete All`. Press  to select.

5 Do one of the following:

- Press ▲ or ▼ to `Yes`. Press  to select.  
The display shows a positive mini notice.
- Press ▲ or ▼ to `No`. Press  to select.  
The radio returns to the previous screen.

## 5.7.21.3

## Quick Text Messages

Your radio supports a maximum of 50 Quick Text messages as programmed by your dealer.

While Quick Text messages are predefined, you can edit each message before sending it.

## 5.7.21.3.1

## Sending Quick Text Messages

Follow the procedure to send predefined Quick Text messages on your radio to a predefined alias.

1 Press the programmed **One Touch Access** button.

The display shows a transitional mini notice, confirming the message is being sent.

2 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
- The display shows a negative mini notice.
- The radio proceeds to the `Resend` option screen.  
See [Resending Text Messages on page 175](#) for more information.

## 5.7.22

## Text Entry Configuration

Your radio allows you to configure different text.

You can configure the following settings for entering text on your radio:

- Word Predict
- Word Correct
- Sentence Cap
- My Words

Your radio supports the following text entry methods:

- Numbers
- Symbols
- Predictive or Multi-Tap
- Language (If programmed)



### NOTICE:

Press  at any time to return to the previous

screen or long press  to return to the Home Screen. The radio exits the current screen once the inactivity timer expires.

## 5.7.22.1

## Word Predict

Your radio can learn common word sequences that you often enter. It then predicts the next word you may want to use after you enter the first word of a common word sequence into the text editor.

1

Press  to access the menu.

2

Press  or  to Utilities. Press  to select.

3

Press  or  to Radio Settings. Press  to select.

4

Press  or  to Text Entry. Press  to select.

5

Press  or  to Word Predict. Press  to select.

6 Do one of the following:



- Press  to enable Word Predict. If enabled, ✓ appears beside Enabled.
- Press  to disable Microphone Dynamic Distortion Control. If disabled, ✓ disappears beside Enabled.

### 5.7.22.2

## Sentence Cap

This feature is used to automatically enable capitalization of the first letter in the first word for every new sentence.

- 1 Press  to access the menu.
- 2 Press  or  to Utilities. Press  to select.
- 3 Press  or  to Radio Settings. Press  to select.

- 4 Press  or  to Text Entry. Press  to select.

- 5 Press  or  to Sentence Cap. Press  to select.

- 6 Do one of the following:

- Press  to enable Sentence Cap. If enabled, ✓ appears beside Enabled.
- Press  to disable Sentence Cap. If disabled, ✓ disappears beside Enabled.

### 5.7.22.3

## Viewing Custom Words

You can add your own custom words into the in-built dictionary of your radio. Your radio maintains a list to contain these words.

- 1 Press  to access the menu.

2 Press ▲ or ▼ to Utilities. Press  to select.

---

3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Text Entry. Press  to select.

---

5 Press ▲ or ▼ to My Words. Press  to select.

---

6 Press ▲ or ▼ to List of Words. Press  to select.  
The display shows the list of custom words.

---

#### 5.7.22.4

### Editing Custom Words

You can edit custom words saved in your radio.

1 Press  to access the menu.

---

2 Press ▲ or ▼ to Utilities. Press  to select.

---

3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Text Entry. Press  to select.

---

5 Press ▲ or ▼ to My Words. Press  to select.

---

6 Press ▲ or ▼ to List of Words. Press  to select.  
Display shows the list of custom words.

---

7 Press ▲ or ▼ to the required word. Press  to select.

---

8 Press ▲ or ▼ to Edit. Press  to select.

---

9 Use the keypad to edit your custom word.

- Press ◀ to move one space to the left.
  - Press ▶ key to move one space to the right.
  - Press the  key to delete any unwanted characters.
  - Long press  to change text entry method.
- 

10 Press  once your custom word is completed.

---

The display shows transitional mini notice, confirming your custom word is being saved.

- If the custom word is saved, a tone sounds and the display shows positive mini notice.
- If the custom word is not saved, a low tone sounds and the display show negative mini notice.

### 5.7.22.5

## Adding Custom Words

You can add custom words into the in-built radio dictionary.

1 Press  to access the menu.

---

2 Press ▲ or ▼ to Utilities. Press  to select.

---

3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Text Entry. Press  to select.

---

5 Press ▲ or ▼ to My Words. Press  to select.

---

6 Press ▲ or ▼ to Add New Word. Press  to select.

Display shows the list of custom words.

---

7 Use the keypad to edit your custom word.

- Press ◀ to move one space to the left.
- Press ▶ key to move one space to the right.
- Press the \*← key to delete any unwanted characters.
- Long press #⏏ to change text entry method.

8 Press  once your custom word is completed.

The display shows transitional mini notice, confirming your custom word is being saved.

- If the custom word is saved, a tone sounds and the display show positive mini notice.
- If the custom word is not saved, a low tone sounds and the display show negative mini notice.

#### 5.7.22.6

### Deleting a Custom Word

You can delete the custom words saved in your radio.

1 Press  to access the menu.

2 Press ▲ or ▼ to Utilities. Press  to select.

3 Press ▲ or ▼ to Radio Settings. Press  to select.

4 Press ▲ or ▼ to Text Entry. Press  to select.

5 Press ▲ or ▼ to My Words. Press  to select.

6 Press ▲ or ▼ to the required word. Press  to select.

7 Press ▲ or ▼ to Delete. Press  to select.

8 Choose one of the following.

- At Delete Entry?, press  to select Yes. The display shows Entry Deleted.
  - Press ▲ or ▼ to No. Press  to return to the previous screen.
- 

## 5.7.22.7

## Deleting All Custom Words

You can delete all custom words from the in-built dictionary of your radio.

- 1 Press  to access the menu.
  - 2 Press ▲ or ▼ to Utilities. Press  to select.
  - 3 Press ▲ or ▼ to Radio Settings. Press  to select.
- 

- 4 Press ▲ or ▼ to Text Entry. Press  to select.
  - 5 Press ▲ or ▼ to My Words. Press  to select.
  - 6 Press ▲ or ▼ to Delete All. Press  to select.
  - 7 Do one of the following:
    - At Delete Entry?, press  to select Yes. The display shows Entry Deleted.
    - Press ▲ or ▼ to No to return to the previous screen. Press  to select.
- 

## 5.7.23

## Privacy

This feature helps to prevent eavesdropping by unauthorized users on a channel by the use of a software-

based scrambling solution. The signaling and user identification portions of a transmission are not scrambled.

Your radio must have privacy enabled on the channel to send a privacy-enabled transmission, although this is not a necessary requirement for receiving a transmission. While on a privacy-enabled channel, the radio is still able to receive clear or unscrambled transmissions.

Your radio supports Enhanced Privacy.

To unscramble a privacy-enabled call or data transmission, your radio must be programmed to have the same Key Value and Key ID for Privacy as the transmitting radio.

If your radio receives a scrambled call that is of a different Key Value and Key ID, you hear nothing at all for Enhanced Privacy.

On a privacy-enabled channel, your radio is able to receive clear or unscrambled calls, depending on how your radio is programmed. In addition, your radio may play a warning tone or not, depending on how it is programmed.



**NOTICE:**

This feature is not applicable in Citizens Band channels that are in the same frequency.

The green LED lights up when the radio is transmitting, and blinks rapidly when the radio is receiving an ongoing privacy-enabled transmission.



**NOTICE:**

Some radio models may not offer this Privacy feature, or may have a different configuration. Check with your dealer or system administrator for more information.

5.7.23.1

## Status Message

This feature allows the user to send status messages to other radios.

The Quick Status list is configured by using CPS-RM and comprises up to a maximum of 99 statuses.

The maximum length for each status message is 16 characters.



**NOTICE:**

Every status has a corresponding digital value ranging from 0–99. An alias can be specified to each status for ease of reference.

5.7.23.1.1

## Sending Status Messages

Follow the procedure below to send a status message.

1 Do one of the following:

- Press the programmed **One Touch Access** button. Skip the following steps.
- Press  to access the menu.

2

Press ▲ or ▼ to Status. Press  to select.

3

Press ▲ or ▼ to Quick Status. Press  to select.

4 Press ▲ or ▼ to the required status message.

Press  to select.

5 Press ▲ or ▼ to the required subscriber alias or

ID, or group alias or ID. Press  to select.

If successful:

- A positive indicator tone sounds.
- The LED turns off.

- The display shows a positive mini notice momentarily before returning to the Quick Status screen.
- The display shows ✓ beside the sent status message.

If unsuccessful:

- A negative indicator tone sounds.
- The LED turns off.
- The display shows the failure notice momentarily before returning to the Quick Status screen.

#### 5.7.23.1.2

### Sending Status Message by Using Programmable Button

Follow the procedure to send a status message by using the programmable button.

1 Press the programmed **Status Message** button.

2 Press ▲ or ▼ to the required status message.

Press  to select. The contact list is displayed.

- 3 Press ▲ or ▼ to the required subscriber alias or ID, or group alias or ID. Press  to select.

If successful:

- A positive indicator tone sounds.
- The LED turns off.
- The display shows a positive mini notice momentarily before returning to the Quick Status screen.
- The display shows ✓ beside the sent status message.

If unsuccessful:

- A negative indicator tone sounds.
- The LED turns off.
- The display shows the failure notice momentarily before returning to the Quick Status screen.

### 5.7.23.1.3

## Sending a Status Message by Using the Contacts List

Follow the procedure to send a status message by using the contacts list.

- 1 Press  to access the menu.
- 2 Press ▲ or ▼ to Contacts. Press  to select.
- 3 Press ▲ or ▼ to the required subscriber alias or ID, or group alias or ID. Press  to select.
- 4 Press ▲ or ▼ to Send Status. Press  to select.
- 5 Press ▲ or ▼ to the required status message. Press  to select.

If successful:

- A positive indicator tone sounds.
- The LED turns off.
- The display shows a positive mini notice momentarily before returning to the Quick Status screen.
- The display shows ✓ beside the sent status message.



If unsuccessful:

- A negative indicator tone sounds.
- The LED turns off.
- The display shows the failure notice momentarily before returning to the **Quick Status** screen.

#### 5.7.23.1.4

### Sending Status Message by Using Manual Dial

Follow the procedure to send a status message by using the manual dial.

- 1 Press  to access the menu.
- 2 Press  or  to **Contacts**. Press  to select.
- 3 Press  or  to **Manual Dial**. Press  to select.

- 4 Press  or  to **Radio Number**. Press  to select.
- 5 Enter the required subscriber alias or ID, or group alias or ID, and press  to proceed.
- 6 Press  or  to **Send Status**. Press  to select.
- 7 Press  or  to the required status message. Press  to select.

If successful:

- A positive indicator tone sounds.
- The LED turns off.
- The display shows a positive mini notice momentarily before returning to the **Quick Status** screen.
- The display shows  beside the sent status message.

If unsuccessful:

- A negative indicator tone sounds.

- The LED turns off.
- The display shows the failure notice momentarily before returning to the Quick Status screen.

### 5.7.23.1.5

## Viewing Status Messages

Follow the procedure to view status messages.

- 1 Press  to access the menu.
- 2 Press ▲ or ▼ to Status. Press  to select.
- 3 Press ▲ or ▼ to Inbox. Press  to select.
- 4 Press ▲ or ▼ to the required status message.  
Press  to select.  
The content of the status message is displayed to the radio user.

Received status messages can also be viewed by accessing the Notification List. See [Notification List on page 202](#) for more information.

### 5.7.23.1.6

## Responding to Status Messages

Follow the procedure to reply status messages.

- 1 Press  to access the menu.
- 2 Press ▲ or ▼ to Status. Press  to select.
- 3 Press ▲ or ▼ to Inbox. Press  to select.
- 4 Press ▲ or ▼ to the required status message.  
Press  to select.
- 5 The content of the status is displayed. Press  to select.

6 Press ▲ or ▼ to Reply. Press  to select.

---

7 Press ▲ or ▼ to the required status message.  
Press  to select.

---

If successful:

- A positive indicator tone sounds.
- The LED turns off.
- The display shows a positive mini notice before returning to the Inbox screen.
- The display shows ✓ beside the sent status message.

If unsuccessful:

- A negative indicator tone sounds.
- The LED turns off.
- The display shows the failure notice momentarily before returning to the Inbox screen.

### 5.7.23.1.7

## Deleting a Status Message

Follow the procedure to delete a status message from your radio.

1 Press  to access the menu.

---

2 Press ▲ or ▼ to Status. Press  to select.

---

3 Press ▲ or ▼ to Inbox. Press  to select.

---

4 Press ▲ or ▼ to the required status message.  
Press  to select.

---

5 The content of the status is displayed. Press  to select.

---

6 Press ▲ or ▼ to Delete. Press  to select.

---

7

Press ▲ or ▼ to Yes. Press  to select.

---

- The display shows a positive mini notice before returning to the Inbox screen.

## 5.7.23.1.8

## Deleting All Status Messages

Follow the procedure to delete all status messages from your radio.

1

Press  to access the menu.

---

2

Press ▲ or ▼ to Status. Press  to select.

---

3

Press ▲ or ▼ to Inbox. Press  to select.

---

4

Press ▲ or ▼ to Delete All. Press  to select.

---

5

Press ▲ or ▼ to Yes. Press  to select.

---

- The display shows List Empty.

## 5.7.23.2

## Turning Privacy On or Off

Follow the procedure to turn privacy on or off on your radio.

1 Do one of the following:

- Press the programmed **Privacy** button. Skip the steps below.
  - Press  to access the menu.
- 

2

Press ▲ or ▼ to Utilities. Press  to select.

---

3

Press ▲ or ▼ to Radio Settings. Press  to select.

---

4

Press ▲ or ▼ to Privacy. Press  to select.

---

5 Do one of the following:

- Press ▲ or ▼ to On. Press  to select. The display shows ✓ beside On.
- Press ▲ or ▼ to Off. Press  to select. The display shows ✓ beside Off.

#### 5.7.24

### Response Inhibit

This feature helps prevent your radio from responding to any incoming transmissions.



#### NOTICE:

Contact your dealer to determine how your radio has been programmed.

If enabled, your radio does not generate any outgoing transmissions in respond to incoming transmissions, such as Radio Check, Call Alert, Radio Disable, Remote Monitor, Automatic Registration Service (ARS), Responding to Private Messages, and Sending GNSS location reports.

Your radio cannot receive Confirmed Private Calls when this feature is enabled. However, your radio is able to manually send transmission.

#### 5.7.24.1

### Turning Response Inhibit On or Off

Follow the procedure to enable or disable Response Inhibit on your radio.

Press the programmed **Response Inhibit** button.

If successful:

- A positive indicator tone sounds.
- The display shows a momentary positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
- The display shows a momentary negative mini notice.

#### 5.7.25

### Stun/Revive



Capacity Max

This feature allows you to enable or disable any radio in the system. For example, the dealer or system administrator may want to disable a stolen radio to

prevent unauthorized users from using it, and enable the radio when it is recovered.

A radio can be disabled (stunned) or enabled (revived) either through the console or through a command initiated by another radio.

Once a radio is disabled, the radio sounds a negative indicator tone and the home screen shows Channel Denied.

When a radio is stunned, the radio cannot request nor receive any user initiated services on the system that performed the Stun procedure. However, the radio can switch to another system. The radio continues to send GNSS location reports and can be monitored remotely when it was stunned.



### NOTICE:

The dealer or system administrator may permanently disable a radio. See [Radio Kill on page 198](#) for more information.

#### 5.7.25.1

## Stunning a Radio

Follow the procedure to disable a radio.

---

1 Press the programmed **Radio Disable** button.

2 Press ▲ or ▼ to the required alias or ID. Press



to select.

The display shows Radio Disable: <Subscriber Alias or ID>. The green LED blinks.

---

3 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
  - The display shows a negative mini notice.
-

## 5.7.25.2

## Stunning a Radio by Using the Contacts List

Follow the procedure to disable a radio by using the Contacts List.

- 1 Press  to access the menu.

---

- 2 Press ▲ or ▼ to **Contacts**. Press  to select.

---

- 3 Press ▲ or ▼ to the required alias or ID. Press  to select.

---

- 4 Press ▲ or ▼ to **Radio Disable**. Press  to select.  
The display shows **Radio Disable: <Subscriber Alias or ID>**. The green LED blinks.

---

- 5 Wait for acknowledgment.  
If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
- The display shows a negative mini notice.

## 5.7.25.3

## Stunning a Radio by Using the Manual Dial

Follow the procedure to disable a radio by using the manual dial.

- 1 Press  to access the menu.

---

- 2 Press ▲ or ▼ to **Contacts**. Press  to select.

---

- 3 Press ▲ or ▼ to **Manual Dial**. Press  to select.

---

4

Press ▲ or ▼ to Radio Number. Press  to select.

The first text line shows Radio Number:.

5

Enter the subscriber ID, and press  to proceed.

6

Press ▲ or ▼ to Radio Disable. Press  to select.

The display shows a transitional mini notice, indicating the request is in progress. The green LED blinks.

7 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.

- The display shows a negative mini notice.

## 5.7.25.4

## Reviving a Radio

Follow the procedure to enable a radio.

1 Press the programmed **Radio Enable** button.

2 Press ▲ or ▼ to the required alias or ID. Press



to select.

The display shows Radio Enable: <Subscriber Alias or ID>. The green LED lights up.

3 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.



- The display shows a negative mini notice.

### 5.7.25.5

## Reviving a Radio by Using the Contacts List

Follow the procedure to enable a radio by using the Contacts List.

- 1 Press  to access the menu.
- 2 Press  or  to **Contacts**. Press  to select.
- 3 Press  or  to the required alias or ID. Press  to select.

4

Press  or  to **Radio Enable**. Press  to select.

The display shows **Radio Enable: <Subscriber Alias or ID>**. The green LED lights up.

5 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
- The display shows a negative mini notice.

### 5.7.25.6

## Reviving a Radio by Using the Manual Dial

Follow the procedure to enable a radio by using the Manual Dial.

- 1 Press  to access the menu.

---
- 2 Press  or  to `Contacts`. Press  to select.

---
- 3 Press  or  to `Manual Dial`. Press  to select.

---
- 4 Press  or  to `Private Call`. Press  to select.  
The first text line shows `Radio Number:`.

---
- 5 Enter the subscriber ID, and press  to proceed.

---
- 6 Press  or  to `Radio Enable`. Press  to select.  
The display shows `Radio Enable: <Subscriber Alias or ID>`. The green LED lights up.

---

- 7 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
  - The display shows a negative mini notice.
- 

#### 5.7.26

### Radio Kill

This feature is an enhanced security measure to restrict unauthorized access to a radio.

Radio Kill causes a radio to be rendered inoperable. For example, the dealer may want to kill a stolen or misplaced radio to prevent unauthorized usage.

When powered on, a killed radio displays **Radio Killed** on the screen momentarily to indicate the killed state.



**NOTICE:**

A killed radio can only be revived at a Motorola Solutions service depot. Contact your dealer for more information.

### 5.7.27

## Lone Worker

This feature prompts an emergency to be raised if there is no user activity, such as any radio button press or activation of the channel selector, for a predefined time.

Following no user activity for a programmed duration, the radio pre-warns you using an audio indicator once the inactivity timer expires.

If there is still no acknowledgment by you before the predefined reminder timer expires, the radio initiates an emergency condition as programmed by the dealer.

### 5.7.28

## Password Lock

You can set a password to restrict access to your radio. Each time you turn on your radio, you are asked to enter the password.

Your radio supports a 4-digit password input.

Your radio is unable to receive calls in locked state.

### 5.7.28.1

## Accessing the Radio by Using Password

Turn on your radio.

- 1 Enter the four-digit password.
  - a To edit the numeric value of each digit, press ▲ or ▼. To enter and move to the next digit, press



- 
- 2 Press  to confirm the password.
- 

If you enter the password correctly, the radio powers up.

If you enter the wrong password after the first and second attempt, your radio shows the following indications:

- A continuous tone sounds.
- The display shows Wrong Password.

Repeat [step 1](#).

If you enter the wrong password after the third attempt, your radio shows the following indications:

- A tone sounds.
- The yellow LED double blinks.
- The display shows Wrong Password and then, Radio Locked.
- Your radio enters into locked state for 15 minutes.



**NOTICE:**

In locked state, your radio responds to inputs from the **On/Off/Volume Control Knob** and programmed **Backlight** button only.

Wait for the 15-minute locked state timer to end and then repeat [step 1](#).



**NOTICE:**

If you turn off and turn your radio on again, the 15-minute timer restarts.

### 5.7.28.2

## Turning Password Lock On or Off

Follow the procedure to turn password lock on or off on your radio.

1

Press  to access the menu.

2

Press  or  to Utilities. Press  to select.

3

Press  or  to Radio Settings. Press  to select.

4

Press  or  to Passwd Lock. Press  to select.

5

Enter the current four-digit password.

- Use a keypad microphone.
- Press  or  to edit the numeric value of

each digit, and press  to enter and move to the next digit.

A positive indicator tone sounds for every digit pressed.

6

Press  to enter the password.

If the password is incorrect, the display shows **Wrong Password** and automatically returns to the previous menu.

7 Do one of the following:

- Press ▲ or ▼ to Turn On. Press  to select.  
The display shows ✓ beside Turn On.
- Press ▲ or ▼ to Turn Off. Press  to select.  
The display shows ✓ beside Turn Off.

### 5.7.28.3

## Unlocking Radios in Locked State

Your radio is unable to receive calls in locked state. Follow the procedure to unlock your radio in locked state.

Do one of the following:

- If the radio is powered on, wait for 15 minutes and then repeat the steps in [Accessing the Radio by Using Password on page 199](#) to access the radio.
- If the radio is powered off, power up the radio. Your radio restarts the 15-minute timer for locked state. A tone sounds. The yellow LED double blinks. The display shows **Radio Locked**.

Wait for 15 minutes and then repeat the steps in [Accessing the Radio by Using Password on page 199](#) to access the radio.

### 5.7.28.4

## Changing Passwords

Follow the procedure to change passwords on your radio.

1

Press  to access the menu.

2

Press ▲ or ▼ to Utilities. Press  to select.

- 3 Press ▲ or ▼ to Radio Settings. Press  to select.
- 

- 4 Press ▲ or ▼ to Passwd Lock. Press  to select.
- 

- 5 Enter the current four-digit password, and press  to proceed.

If the password is incorrect, the display shows Wrong Password and automatically returns to the previous menu.

---

- 6 Press ▲ or ▼ to Change PWD. Press  to select.
- 

- 7 Enter a new four-digit password, and press  to proceed.
- 

- 8 Re-enter the new four-digit password, and press  to proceed.

If successful, the display shows Password Changed. If unsuccessful, the display shows Passwords Do Not Match.

The screen automatically returns to the previous menu.

---

#### 5.7.29

### Notification List

Your radio has a Notification list that collects all your unread events on the channel, such as unread text messages, telemetry messages, missed calls, and call alerts.

The display shows the **Notification** icon when the Notification list has one or more events.

The list supports a maximum of 40 unread events. When the list is full, the next event automatically replaces the oldest event. After the events are read, they are removed from the Notification list.

For text messages, missed calls, and call alert events, the maximum number of notifications are 30 text messages and 10 missed calls or call alerts. This maximum number depends on individual feature (job tickets or text messages or missed calls or call alerts) list capability.

#### 5.7.29.1

### Accessing Notification List

Follow the procedure to access the Notification list on your radio.

- 1 Do one of the following:
  - Press the programmed **Notification** button. Skip the steps below.
  - Press  to access the menu.

- 
- 2 Press  to access the menu.

- 
- 3 Press  or  to Notification. Press  to select.
- 

4

Press  or  to the required event. Press  to select.

Long press  to return to the Home screen.

---

#### 5.7.30

### Over-the-Air Programming

Your dealer can remotely update your radio by using Over-the-Air Programming (OTAP) without physical connection. Additionally, some settings can also be configured by using OTAP.

When your radio undergoes OTAP, the green LED blinks.

When your radio receives high volume data:

- The display shows the **High Volume Data** icon.
- The channel becomes busy.
- A negative tone sounds if you press the **PTT** button.

When OTAP completes, depending on the configuration:

- A tone sounds. The display shows *Updating Restarting*. Your radio restarts by powering off and on again.

- You can select **Restart Now** or **Postpone**. When you select **Postpone**, your radio returns to the previous screen. The display shows the **OTAP Delay Timer** icon until the automatic restart occurs.

When your radio powers up after automatic restart:

- If successful, the display shows **Sw Update Completed**.
- If the program update is unsuccessful, a tone sounds, the red LED blinks once, and the display shows **Sw Update Failed**.



#### NOTICE:

If the programming update is unsuccessful, the software update failure indications appear every time you turn on your radio. Contact your dealer to reprogram your radio with the latest software to eliminate the software update failure indications.

See [Checking Software Update Information on page 235](#) for the updated software version.

#### 5.7.31

### Received Signal Strength Indicator

This feature allows you to view the Received Signal Strength Indicator (RSSI) values.

The display shows the **RSSI** icon at the top right corner. See [Display Icons](#) for more information on the **RSSI** icon.

#### 5.7.31.1

### Viewing RSSI Values

At the home screen, press  three times and immediately press , all in 5 seconds.

The display shows the current RSSI values.

To return to the home screen, press and hold .

#### 5.7.32

### Front Panel Programming

You are able to customize certain feature parameters in Front Panel Programming (FPP) to enhance the use of your radio.

The following buttons are used as required while navigating through the feature parameters.

#### Up/Down Navigation Button

Press to navigate through options horizontally or vertically, or increase or decrease values.



### Menu/OK Button

Press to select the option or enter a sub-menu.

### Return/Home Button

Short press to return to the previous menu or exit the selection screen.

Long press at any time to return to the Home screen.

#### 5.7.32.1

## Entering Front Panel Programming Mode

- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities. Press  to select.

---

- 3 Press  or  to Program Radio. Press  to select.

---

#### 5.7.32.2

## Editing FPP Mode Parameters

Use the following buttons as required while navigating through the feature parameters.

-  ,  – Scroll through options, increase/decrease values, or navigate vertically.
-  – Select the option or enter a sub-menu.
-  – Short-press to return to previous menu or to exit the selection screen. Long-press to return to Home screen.

#### 5.7.33

## Wi-Fi Operation

This feature allows you to set up and connect to a Wi-Fi network. Wi-Fi supports updates for radio firmware, codeplug, and resources such as language packs and voice announcement.



### NOTICE:

This feature is applicable to DGP 5550e/DGP 8550e only.

Wi-Fi® is a registered trademark of Wi-Fi Alliance®.

Your radio supports WEP/WPA/WPA2-Personal and WPA/WPA2-Enterprise Wi-Fi networks.

### WEP/WPA/WPA2-Personal Wi-Fi network

Uses pre-shared key (password) based authentication.

Pre-shared key can be entered by using the menu or CPS/RM.

### WPA/WPA2-Enterprise Wi-Fi network

Uses certificate-based authentication.

Your radio must be pre-configured with a certificate.



#### NOTICE:

Check with your dealer or system administrator to connect to WPA/WPA2-Enterprise Wi-Fi network.

The programmed **Wi-Fi On or Off** button is assigned by your dealer or system administrator. Check with your dealer or system administrator to determine how your radio has been programmed.

Voice Announcements for the programmed **Wi-Fi On or Off** button can be customized through CPS according to user requirements. Check with your dealer or system administrator for more information.



#### NOTICE:

You can turn on or turn off Wi-Fi remotely by using a designated radio (see [Turning Wi-Fi On or Off Remotely by Using a Designated Radio \(Individual Control\)](#) on page 207 and [Turning Wi-Fi On or Off Remotely by Using a Designated Radio \(Group Control\)](#) on page 208). Check with your dealer or system administrator for more information.

### 5.7.33.1

## Turning Wi-Fi On or Off

- 1 Press the programmed **Wi-Fi On or Off** button. Voice Announcement sounds Turning On Wi-Fi or Turning Off Wi-Fi.

---

- 2 Access this feature using the menu.
  - a Press  to access the menu.
  - b Press  or  to Wi-Fi and press  to select.

c Press ▲ or ▼ to Wi-Fi On and press  to select.

d Press  to turn on/off Wi-Fi.

If Wi-Fi is on, the display shows ✓ beside Enabled.

If Wi-Fi is off, the ✓ disappears from beside Enabled.

### 5.7.33.2

## Turning Wi-Fi On or Off Remotely by Using a Designated Radio (Individual Control)

You can turn Wi-Fi on or off remotely in Individual Control (One to One).



#### NOTICE:

Only radio with specific CPS setting supports this function, check with your dealer or system administrator for more information.

1 Do one of the following:

- Long press the programmable button. Use the keypad to enter the ID and press  to select. Proceed to [step 4](#).

- Press  to access the menu.

2

Press ▲ or ▼ to Contacts and press  to select.

3 Use one of the steps described next to select the required subscriber alias:

- Select the subscriber alias directly.
  - Press ▲ or ▼ to the required subscriber alias or ID.
- Use the Manual Dial menu.
  - Press ▲ or ▼ to Manual Dial and press  to select.
  - Select Radio Number and use the keypad to enter the ID. Press  to select.

4 Press ▲ or ▼ to WiFi Control and press  to select.

---

5 Press ▲ or ▼ to select On or Off.

---

6 Press  to select.

---

If successful, the display shows a positive mini notice.

If unsuccessful, the display shows a negative mini notice.

### 5.7.33.3

## Turning Wi-Fi On or Off Remotely by Using a Designated Radio (Group Control)

You can turn Wi-Fi on or off remotely in Group Control (One to Many).



#### NOTICE:

Only radio with specific CPS setting supports this function, check with your dealer or system administrator for more information.

1 Press  to access the menu.

---

2 Press ▲ or ▼ to Contacts and press  to select.

---

3 Press ▲ or ▼ to select the required subscriber alias or ID.

---

4 Press ▲ or ▼ to WiFi Control and press  to select.

---

5 Press ▲ or ▼ to select On or Off.

---

6 Press  to select.

---

If successful, the display shows Sent Successfully.

If unsuccessful, the display shows a negative mini notice.

## 5.7.33.4

## Connecting to a Network Access Point

When you turn on Wi-Fi, the radio scans and connects to a network access point.


**NOTICE:**

You can also connect to a network access point using the menu.

The WPA-Enterprise Wi-Fi network access points are pre-configured. Check with your dealer or system administrator to determine how your radio has been programmed.

- 1 Press  to access the menu.

---

- 2 Press  or  to WiFi and press  to select.

---

- 3 Press  or  to Networks and press  to select.

---

- 4 Press  or  to a network access point and press  to select.


**NOTICE:**

For WPA-Enterprise Wi-Fi, if a network access point is not preconfigured, the Connect option is not available.

- 5 Press  or  to Connect and press  to select.

---

- 6 For WPA-Personal Wi-Fi, enter the password and press .

---

- 7 For WPA-Enterprise Wi-Fi, password is configured by using RM.  
 If the preconfigured password is correct, your radio automatically connects to the selected network access point.  
 If the preconfigured password is incorrect, the display shows Authentication Failure, and automatically returns to the previous menu.

If the connection is successful, the radio displays a notice and the network access point is saved into the profile list.

If the connection is unsuccessful, the radio displays shows the failure notice screen momentarily and automatically returns to the previous menu.

#### 5.7.33.5

### Checking Wi-Fi Connection Status

Press the programmed **Wi-Fi Status Query** button for the connection status by using Voice Announcement. Voice Announcement sounds Wi-Fi is Off, Wi-Fi is On but No Connection, or Wi-Fi is On with Connection.

- The display shows `WiFi Off` when the Wi-Fi is turned off.
- The display shows `WiFi On, Connected` when the radio is connected to a network.
- The display shows `WiFi On, Disconnected` when the Wi-Fi is turned on but the radio is not connected to any network.

Voice Announcements for the Wi-Fi status query results can be customized through CPS according to user requirements. Check with your dealer or system administrator for more information.



#### NOTICE:

The programmed **Wi-Fi Status Query** button is assigned by your dealer or system administrator. Check with your dealer or system administrator to determine how your radio has been programmed.

#### 5.7.33.6

### Refreshing the Network List

- Perform the following actions to refresh the network list through the menu.

a. Press  to access the menu.

b. Press  or  to `WiFi` and press  to select.

c. Press  or  to `Networks` and press  to select.

When you enter the `Networks` menu, the radio automatically refreshes the network list.

- If you are already in the Networks menu, perform the following action to refresh the network list.

Press ▲ or ▼ to Refresh and press  to select.

The radio refreshes and displays the latest network list.

### 5.7.33.7

## Adding a Network



#### NOTICE:

This task is not applicable to WPA-Enterprise Wi-Fi networks.

If a preferred network is not in the available network list, perform the following actions to add a network.

1 Press  to access the menu.

2 Press ▲ or ▼ to WiFi and press  to select.

3 Press ▲ or ▼ to Networks and press  to select.

4 Press ▲ or ▼ to Add Network and press  to select.

5 Enter the Service Set Identifier (SSID) and press .

6 Press ▲ or ▼ to Open and press  to select.

7 Enter the password and press .

The radio displays a positive mini notice to indicate that the network is successfully saved.

### 5.7.33.8

## Viewing Details of Network Access Points

You can view details of network access points.

- 1 Press  to access the menu.

---

- 2 Press  or  to **WiFi** and press  to select.

---

- 3 Press  or  to **Networks** and press  to select.

---

- 4 Press  or  to a network access point and press  to select.

---

- 5 Press  or  to **View Details** and press  to select.

**NOTICE:**

WPA-Personal Wi-Fi and WPA-Enterprise Wi-Fi display different details of Network Access Points.

**WPA-Personal Wi-Fi**

For a connected network access point, your radio displays Service Set Identifier (SSID), Security Mode,

Media Access Control (MAC) address, and Internet Protocol (IP) address.

For a non-connected network access point, your radio displays SSID and Security Mode.

**WPA-Enterprise Wi-Fi**

For a connected network access point, your radio displays SSID, Security Mode, Identity, Extended Authentication Protocol (EAP) Method, Phase 2 Authentication, Cert Name, MAC address, IP address, Gateway, DNS1, and DNS2.

For a non-connected network access point, your radio displays SSID, Security Mode, Identity, EAP Method, Phase 2 Authentication, and Cert Name.

## 5.7.33.9

**Removing Network Access Points****NOTICE:**

This task is not applicable to Enterprise Wi-Fi networks.



Perform the following actions to remove network access points from the profile list.

- 1 Press  to access the menu.

---

- 2 Press  or  to WiFi and press  to select.

---

- 3 Press  or  to Networks and press  to select.

---

- 4 Press  or  to the selected network access point and press  to select.

---

- 5 Press  or  to Remove and press  to select.

---

- 6 Press  or  to Yes and press  to select.  
The radio displays a positive mini notice to indicate that the selected network access point is successfully removed.

---

## 5.8

# Utilities

---

This chapter explains the operations of the utility functions available in your radio.

## 5.8.1

# Keypad Lock Options

With this feature, you can avoid accidentally pressing buttons or changing channels when your radio is not in use. You can choose to either lock your keypad, channel selector knob, or both; depending on your requirements.

Your dealer can use CPS/RM to configure one of the following options:

- Lock Keypad
- Lock Channel Selector Knob
- Lock Keypad and Channel Selector Knob

Contact your dealer to determine how your radio has been programmed.

## 5.8.1.1

## Enabling the Keypad Lock Option

The following steps are applicable for either Lock Keypad, Lock Channel Selector Knob, or Lock Keypad and Channel Selector Knob option depending on how your radio has been configured.

- 1 Do one of the following:
    - Press the programmed **Keypad Lock** button.
    - Press  to access the menu.
- 

- 2 Press  or  to Utilities. Press  to select.
- 

- 3 Press  or  to Radio Settings. Press  to select.
- 

- 4 Press  or  to Keypad Lock. Press  to select.
- 

The display shows Locked.

## 5.8.1.2

## Disabling the Keypad Lock Option

The following steps are applicable for either Lock Keypad, Lock Channel Selector Knob, or Lock Keypad and Channel Selector Knob option depending on how your radio has been configured.

Do one of the following:

- Press the programmed **Keypad Lock** button.
- When the display shows Menu then \* To

Unlock, press  followed by .

---

The display shows Unlocked.

## 5.8.2

## Identifying Cable Type

Do the following steps to select the type of cable your radio uses.

- 1 Press  to access the menu.
-

2 Press ▲ or ▼ to Utilities. Press  to select.

---

3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Cable Type. Press  to select.

---

5 Press ▲ or ▼ to change the selected option.  
The current cable type is indicated by a ✓.

---

### 5.8.3

## Setting Menu Timer

You can set the time your radio stays in the menu before it automatically switches to the Home screen. Follow the procedure to set the menu timer.

1 Press  to access the menu.

---

2 Press ▲ or ▼ to Utilities. Press  to select.

---

3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Display. Press  to select.

---

5 Press ▲ or ▼ to Menu Timer. Press  to select.

---

6 Press ▲ or ▼ to the required setting. Press  to select.

---

### 5.8.4

## Text-to-Speech

The Text-to-Speech feature can only be enabled by your dealer. If Text-to-Speech is enabled, the Voice Announcement feature is automatically disabled. If Voice Announcement is enabled, then the Text-to-Speech feature is automatically disabled.

This feature enables the radio to audibly indicate the following features:

- Current Channel
- Current Zone
- Programmed button feature on or off
- Content of received text messages
- Content of received Job Tickets

This audio indicator can be customized per customer requirements. This feature is typically useful when the user is in a difficult condition to read the content shown on the display.

#### 5.8.4.1

### Setting Text-to-Speech

Follow the procedure to set the Text-to-Speech feature.

1 Press  to access the menu.

---

2 Press  or  to Utilities. Press  to select.

---

3 Press  or  to Radio Settings. Press  to select.

---

4 Press  or  to Voice Announcement. Press  to select.

---

5 Press  or  to any of the following features.  
Press  to select.

The available features are as follows:

- All
- Messages
- Job Tickets
- Channel
- Zone
- Program Button

✓ appears beside the selected setting.

---

## 5.8.5

## Turning the Acoustic Feedback Suppressor Feature On or Off

This feature allows you to minimize acoustic feedback in received calls.

- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities and press  to select.

---

- 3 Press  or  to Radio Settings and press  to select.

---

- 4 Press  or  to AF Suppressor and press  to select.

You can also use  or  buttons to change the selected option.

- 5 Do one of the following.

- Press  to enable Acoustic Feedback Suppressor. The display shows  beside Enabled.
- Press  to disable Acoustic Feedback Suppressor. The  disappears from beside Enabled.

## 5.8.6

## Turning Global Navigation Satellite System On or Off

Global Navigation Satellite System (GNSS) is a satellite navigation system that determines the radio precise location. GNSS includes Global Positioning System (GPS),

Global Navigation Satellite System (GLONASS), and BeiDou Navigation Satellite System (BDS).



**NOTICE:**

Selected radio models may offer GPS, GLONASS, and BDS. GNSS constellation is configured by using CPS. Check with your dealer or system administrator to determine how your radio has been programmed.

1

---

2 Do one of the following steps to toggle GNSS on or off on your radio.

- Press the programmed **GNSS** button.
  - Press  to access the menu. Proceed to the next step.
- 

3

Press  or  to Utilities. Press  to select.

---

4

Press  or  to Radio Settings. Press  to select.

---

5

Press  or  to GNSS. Press  to select.

---

6

Press  to enable or disable GNSS.

If enabled,  appears beside Enabled.

If disabled,  disappears beside Enabled.

---

### 5.8.7

## Turning Introduction Screen On or Off

You can enable and disable the Introduction Screen by following the procedure.

1

Press  to access the menu.

---

2

Press  or  to Utilities. Press  to select.

---

3

Press  or  to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Display. Press  to select.

---

5 Press ▲ or ▼ to Intro Screen. Press  to select.

---

6 Press  to enable or disable the Introduction Screen.

The display shows one of the following results:

- If enabled, ✓ appears beside Enabled.
  - If disabled, ✓ disappears beside Enabled.
- 

### 5.8.8

## Turning Radio Tones/Alerts On or Off

You can enable and disable all radio tones and alerts, if needed, except for incoming Emergency alert tone . Follow

the procedure to turn tones and alerts on or off on your radio.

1 Do one of the following:

- Press the programmed **Tones/Alerts** button. Skip the following steps.
  - Press  to access the menu.
- 

2 Press ▲ or ▼ to Utilities. Press  to select.

---

3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Tones/Alerts. Press  to select.

---

5 Press ▲ or ▼ to All Tones. Press  to select.

---

6 Press  to enable or disable all tones and alerts. The display shows one of the following results:

- If enabled, ✓ appears beside Enabled.
- If disabled, ✓ disappears beside Enabled.

## 5.8.9

## Setting Tones/Alerts Volume Offset Levels

This feature adjusts the volume of the tones or alerts, allowing it to be higher or lower than the voice volume. Follow the procedure to set the tones and alerts volume offset levels on your radio.

- 1 Press  to access the menu.
- 2 Press  or  to Utilities. Press  to select.
- 3 Press  or  to Radio Settings. Press  to select.
- 4 Press  or  to Tones/Alerts. Press  to select.

## 5

Press  or  to Vol. Offset. Press  to select.

## 6

Press  or  to the required volume offset level. A feedback tone sounds with each corresponding volume offset level.

## 7

Do one of the following:

- Press  to select. The required volume offset level is saved.
- Press  to exit. The changes are discarded.

## 5.8.10

## Turning Talk Permit Tone On or Off

Follow the procedure to turn Talk Permit Tone on or off on your radio.

## 1

Press  to access the menu.



2 Press ▲ or ▼ to Utilities. Press  to select.

---

3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Tones/Alerts. Press  to select.

---

5 Press ▲ or ▼ to Talk Permit. Press  to select.

---

6 Press  to enable or disable the Talk Permit Tone.

The display shows one of the following results:

- If enabled, ✓ appears beside Enabled.
  - If disabled, ✓ disappears beside Enabled.
- 

## Turning Power Up Tone On or Off

Follow the procedure to turn Power Up Tone on or off on your radio.

1 Press  to access the menu.

---

2 Press ▲ or ▼ to Utilities. Press  to select.

---

3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Tones/Alerts. Press  to select.

---

5 Press ▲ or ▼ to Power Up. Press  to select.

---

6 Press  to enable or disable the Power Up Tone. The display shows one of the following results:

- If enabled, ✓ appears beside Enabled.

- If disabled, ✓ disappears beside Enabled.

## 5.8.12

## Setting Text Message Alert Tones

You can customize the text message alert tone for each entry in the Contacts list. Follow the procedure to set the text message alert tones on your radio.

- 1 Press  to access the menu.
- 2 Press ▲ or ▼ to Contacts. Press  to select.
- 3 Press ▲ or ▼ to the required alias or ID. Press  to select.
- 4 Press ▲ or ▼ to Message Alert. Press  to select.
- 5 Do one of the following:

- Press ▲ or ▼ to Momentary. Press  to select.

The display shows ✓ beside Momentary.

- Press ▲ or ▼ to Repetitive. Press  to select.

The display shows ✓ beside Repetitive.

## 5.8.13

## Power Levels

You can customize the power setting to high or low for each channel.

### High

This enables communication with radios located at a considerable distance from you.

### Low

This enables communication with radios in closer proximity.



### NOTICE:

This feature is not applicable in Citizens Band channels that are in the same frequency.

## 5.8.13.1

## Setting Power Levels

Follow the procedure to set the power levels on your radio.

- 1 Do one of the following:
  - Press the programmed **Power Level** button. Skip the steps below.
  - Press  to access the menu.

- 2 Press  or  to Utilities. Press  to select.

- 3 Press  or  to Radio Settings. Press  to select.

- 4 Press  or  to Power. Press  to select.

- 5 Do one of the following:
  - Press  or  to High. Press  to select.  
The display shows  beside High.

- Press  or  to Low. Press  to select.  
The display shows  beside Low.

6

- Long press  to return to the Home screen.

## 5.8.14

## Changing Display Modes

You can change the display mode of the radio between Day or Night, as needed. This feature affects the color palette of the display. Follow the procedure to change the display mode of your radio.

- 1 Do one of the following:
  - Press the programmed **Display Mode** button. Skip the following steps.
  - Press  to access the menu.

2

- Press  or  to Utilities. Press  to select.

3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Display. Press  to select.  
The display shows Day Mode and Night Mode.

---

5 Press ▲ or ▼ to the required setting. Press  to select.  
The display shows ✓ beside the selected setting.

---

### 5.8.15

## Adjusting Display Brightness

Follow the procedure to adjust the display brightness on your radio.

- 1 Do one of the following:
  - Press the programmed **Brightness** button. Skip the following steps.

- Press  to access the menu.
- 

2 Press ▲ or ▼ to Utilities. Press  to select.

---

3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Brightness. Press  to select.  
The display shows the progress bar.

---

5 Press ▲ or ▼ to decrease or increase the display brightness. Press  to select.

---

### 5.8.16

## Setting Display Backlight Timer

You can set the display backlight timer of the radio as needed. The setting also affects the Menu Navigation

Buttons and keypad backlighting accordingly. Follow the procedure to set the backlight timer on your radio.

1 Do one of the following:

- Press the programmed **Backlight** button. Skip the following steps.

- Press  to access the menu.

2

Press  or  to Utilities. Press  to select.

3

Press  or  to Radio Settings. Press  to select.

4

Press  or  to Display. Press  to select.

5

Press  or  to Backlight Timer. Press  to select.

The display backlight and keypad backlighting are automatically turned off as the LED indicator is disabled.

See [Turning LED Indicators On or Off on page 226](#) for more information.

### 5.8.17

## Turning Backlight Auto On or Off

You can enable and disable the backlight of the radio to turn on automatically as needed. If enabled, the backlight is turned on when the radio receives a call, Notification List event, or Emergency Alarm.

1

Press  to access the menu.

2

Press  or  to Utilities. Press  to select.

3

Press  or  to Radio Settings. Press  to select.

4

Press  or  to Backlight Auto.

5

Press  to enable or disable Backlight Auto.

The display shows one of the following results:

- If enabled, ✓ appears beside Enabled.
- If disabled, ✓ disappears beside Enabled.

## 5.8.18

## Turning LED Indicators On or Off

Follow the procedure to turn the LED indicators on or off on your radio.

- 1 Press  to access the menu.
- 2 Press ▲ or ▼ to Utilities. Press  to select.
- 3 Press ▲ or ▼ to Radio Settings. Press  to select.
- 4 Press ▲ or ▼ to LED Indicator. Press  to select.

## 5

Press  to enable or disable the LED indicator.

The display shows one of the following results:

- If enabled, ✓ appears beside Enabled.
- If disabled, ✓ disappears beside Enabled.

## 5.8.19

## Setting Languages

Follow the procedure to set the languages on your radio.

- 1 Press  to access the menu.
- 2 Press ▲ or ▼ to Utilities. Press  to select.
- 3 Press ▲ or ▼ to Radio Settings. Press  to select.
- 4 Press ▲ or ▼ to Languages. Press  to select.

- 5 Press ▲ or ▼ to the required language. Press



to select.

The display shows ✓ beside the selected language.

### 5.8.20

## Turning Option Board On or Off

Option board capabilities within each channel can be assigned to programmable buttons. Follow the procedure to turn option board on or off on your radio.

Press the programmed **Option Board** button.

### 5.8.21

## Turning Voice Announcement On or Off

This feature enables the radio to audibly indicates the current zone or channel the user has just assigned, or the programmable button the user has just pressed.

This is typically useful when the user has difficulty reading the content shown on the display.

This audio indicator can be customized according to customer requirements. Follow the procedure to turn Voice Announcement on or off on your radio.

- 1 Do one of the following:

- Press the programmed **Voice Announcement** button. Skip the following steps.

- Press  to access the menu.

- 2

Press ▲ or ▼ to Utilities. Press  to select.

- 3

Press ▲ or ▼ to Radio Settings. Press  to select.

- 4

Press ▲ or ▼ to Voice Announcement. Press  to select.

- 5

Press  to enable or disable Voice Announcement.

- If enabled, ✓ appears beside Enabled.

- If disabled, ✓ disappears beside Enabled.

## 5.8.22

## Turning Digital Microphone AGC On or Off

The Digital Microphone Automatic Gain Control (AGC) controls the microphone gain of the radio automatically while transmitting on a digital system.

This feature suppresses loud audio or boosts soft audio to a preset value in order to provide a consistent level of audio. Follow the procedure to turn Digital Microphone AGC on or off on your radio.

- 1 Press  to access the menu.
- 2 Press  or  to Utilities. Press  to select.
- 3 Press  or  to Radio Settings. Press  to select.

4

Press  or  to Mic AGC-D. Press  to select.

5

Press  to enable or disable Digital Microphone AGC.

The display shows one of the following results:

- If enabled, ✓ appears beside Enabled.
- If disabled, ✓ disappears beside Enabled.

## 5.8.23

## Switching Audio Route between Internal Radio Speaker and Wired Accessory

Follow the procedure to toggle audio routing between internal radio speaker and wired accessory.

You can toggle audio routing between the internal radio speaker and the speaker of a wired accessory with the condition that:

- The wired accessory with speaker is attached.



- The audio is not routed to an external Bluetooth accessory.

Press the programmed **Audio Toggle** button.

A tone sounds when the audio route has switched.

Powering down the radio or detaching the accessory resets the audio routing to the internal radio speaker.

#### 5.8.24

## Turning Intelligent Audio On or Off

Your radio automatically adjusts the audio volume to overcome current background noise in the environment, inclusive of both stationary and non-stationary noise sources. This is a receive-only feature and does not affect transmission audio. Follow the procedure to turn Intelligent Audio on or off on your radio.



### NOTICE:

This feature is not applicable during a Bluetooth session.

- 1 Do one of the following:

- Press the programmed **Intelligent Audio** button. Skip the steps below.

- Press  to access the menu.

2

- Press  or  to Utilities. Press  to select.

3

- Press  or  to Radio Settings. Press  to select.

4

- Press  or  to Intelligent Audio. Press  to select.

5 Do one of the following:

- Press  or  to On. Press  to select. The display shows  beside On.
- Press  or  to Off. Press  to select. The display shows  beside Off.

## 5.8.25

## Turning Trill Enhancement On or Off

You can enable this feature when you are speaking in a language that contains many words with alveolar trill (rolling "R") pronunciations. Follow the procedure to turn Trill Enhancement on or off on your radio.

- 1 Do one of the following:
  - Press the programmed **Trill Enhancement** button. Skip the steps below.
  - Press  to access the menu.

- 
- 2 Press  or  to Utilities. Press  to select.

- 
- 3 Press  or  to Radio Settings. Press  to select.

- 
- 4 Press  or  to Trill Enhance. Press  to select.

- 
- 5 Do one of the following:

- Press  or  to On. Press  to select. The display shows  beside On.
  - Press  or  to Off. Press  to select. The display shows  beside Off.
- 

## 5.8.26

## Turning the Microphone Dynamic Distortion Control Feature On or Off

This feature allows you to enable the radio to automatically monitor the microphone input and adjust the microphone gain value to avoid audio clipping.

- 
- 1 Press  to access the menu.

- 
- 2 Press  or  to Utilities. Press  to select.

- 
- 3 Press  or  to Radio Settings. Press  to select.
-

4 Press ▲ or ▼ to Mic Distortion. Press  to select.

---

5 Do one of the following:

- Press  to enable Microphone Dynamic Distortion Control. If enabled, ✓ appears beside Enabled.
  - Press  to disable Microphone Dynamic Distortion Control. If disabled, ✓ disappears beside Enabled.
- 

### 5.8.27

## Setting Audio Ambience

Follow the procedure to set the audio ambience on your radio according to your environment.

1 Press  to access the menu.

---

2 Press ▲ or ▼ to Utilities. Press  to select.

---

3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Audio Ambience. Press  to select.

---

5 Press ▲ or ▼ to the required setting. Press  to select.

The settings are as follows.

- Choose Default for the default factory settings.
- Choose Loud to increase speaker loudness when using in noisy surroundings.
- Choose Work Group to reduce acoustic feedback when using with a group of radios that are near to each other.

The display shows ✓ beside the selected setting.

---

## 5.8.28

## Setting Audio Profiles

Follow the procedure to set audio profiles on your radio.

- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities. Press  to select.

---

- 3 Press  or  to Radio Settings. Press  to select.

---

- 4 Press  or  to Audio Profiles. Press  to select.

---

- 5 Press  or  to the required setting. Press  to select.

The settings are as follows.

- Choose **Default** to disable the previously selected audio profile and return to the default factory settings.

- Choose **Level 1**, **Level 2**, or **Level 3** for audio profiles intended to compensate for noise-induced hearing loss that is typical for adults over 40 years of age.
- Choose **Treble Boost**, **Mid Boost**, or **Bass Boost** for audio profiles that align with your preference for tinnier, more nasal, or deeper sounds.

The display shows  beside the selected setting.

## 5.8.29

## General Radio Information

Your radio contains information on various general parameters.

The general information of your radio is as follows:

- Battery information.
- Radio alias and ID.
- Firmware and Codeplug versions.
- Software update.
- GNSS information.
- Site information.

- Received Signal Strength Indicator.



#### NOTICE:

Press  to return to the previous screen. Long press  to return to the Home screen. The radio exits the current screen once the inactivity timer expires.

### 5.8.29.1

## Accessing Battery Information

Displays information of your radio battery.

1

Press  to access the menu.

2

Press  or  to Utilities. Press  to select.

3

Press  or  to Radio Info. Press  to select.

4

Press  or  to Battery Info. Press  to select.



#### NOTICE:

For **IMPRES** batteries only: The display reads **Recondition Battery** when the battery requires reconditioning in an IMPRES charger. After the reconditioning process, the display then shows the battery information.

The display shows the battery information.



#### NOTICE:

For non-supported battery, the display shows **Unknown Battery**.

### 5.8.29.2

## Checking Radio Alias and ID

1 Do one of the following:

- Press the programmed **Radio Alias and ID** button. Skip the following steps. A positive indicator tone sounds.

You can press the programmed **Radio Alias and ID** button to return to the previous screen.

- Press  to access the menu.

2 Press  or  to Utilities. Press  to select.

3 Press  or  to Radio Info. Press  to select.

4 Press  or  to My ID. Press  to select.  
The first text line shows the radio alias. The second text line shows the radio ID.

### 5.8.29.3

## Checking Firmware and Codeplug Versions

1 Press  to access the menu.

2 Press  or  to Utilities. Press  to select.

3 Press  or  to Radio Info. Press  to select.

4 Press  or  to Versions. Press  to select.  
The display shows the current firmware and codeplug versions.

### 5.8.29.4

## Checking GNSS Information

Displays the GNSS information on your radio, such as values of:

- Latitude
- Longitude
- Altitude
- Direction
- Velocity

- Horizontal Dilution of Precision (HDOP)
- Satellites
- Version

- 1 Press  to access the menu.

---

- 2 Press ▲ or ▼ to Utilities. Press  to select.

---

- 3 Press ▲ or ▼ to Radio Info. Press  to select.

---

- 4 Press ▲ or ▼ to GNSS Info. Press  to select.

---

- 5 Press ▲ or ▼ to the required item. Press  to select. The display shows the requested GNSS information.

---

### 5.8.29.5

## Checking Software Update Information

This feature shows the date and time of the latest software update carried out through OTAP or Wi-Fi. Follow the procedure to check the software update information on your radio.

- 1 Press  to access the menu.

---

- 2 Press ▲ or ▼ to Utilities. Press  to select.

---

- 3 Press ▲ or ▼ to Radio Info. Press  to select.

---

- 4 Press ▲ or ▼ to SW Update. Press  to select.  
The display shows the date and time of the latest software update.

---

Software Update menu is only available after at least one successful OTAP or Wi-Fi session. See [Over-the-Air Programming on page 530](#) for more information.

## 5.8.29.6

## Displaying Site Information

Follow the procedure to display the current site name your radio is on.

- 1 Press  **OK** to access the menu.

---

- 2 Press  or  to Utilities. Press  **OK** to select.

---

- 3 Press  or  to Radio Info. Press  **OK** to select.

---

- 4 Press  or  to Site Info. Press  **OK** to select.

---

The display shows the current site name.

## 5.8.30

## Viewing Enterprise Wi-Fi Certificate Details

You can view the details of the selected Enterprise Wi-Fi Certificate.

- 1 Press  **OK** to access the menu.

---

- 2 Press  or  to Utilities. Press  **OK** to select.

---

- 3 Press  or  to Certificate Menu. Press  **OK** to select.  
 appears beside ready certificates.

---

- 4 Press  or  to the required certificate. Press  **OK** to select.

---

Your radio displays the full details of the certificate.



### NOTICE:

For unready certificates, the display shows only Status.



## Connect Plus

---

Connect Plus is a full trunking solution based on DMR technology. Connect Plus uses a dedicated control channel for channel requests and allocations.

### 6.1

## Additional Radio Controls in Connect Plus Mode

---

This chapter explains the additional radio controls available to the radio user through preprogrammed means such as programmable buttons and assignable radio functions.

### 6.1.1

## Push-To-Talk (PTT) Button

The **PTT** button on the side of the radio serves two basic purposes:

- While a call is in progress, the **PTT** button allows the radio to transmit to other radios in the call.

Press and hold the **PTT** button to talk. Release the **PTT** button to listen.

The microphone is activated when the **PTT** button is pressed.

- While a call is not in progress, the **PTT** button is used to make a new call (see [Making a Radio Call on page 255](#)).

If the Talk Permit Tone (see [Turning the Talk Permit Tone On or Off on page 349](#)) is enabled, wait until the short alert tone ends before talking.

### 6.1.2

## Programmable Buttons

Your dealer can program the programmable buttons as shortcuts to radio functions depending on the duration of a button press:

### Short press

Pressing and releasing rapidly.

**Long press**

Pressing and holding for the programmed duration.

**NOTICE:**

The programmed duration of a button press is applicable for all assignable radio/utility functions or settings. See [Emergency Operation on page 292](#) for more information on the programmed duration of the *Emergency* button.

## 6.1.2.1

**Assignable Radio Functions****Beacon On/Off**

Toggles the Beacon feature on or off. Requires purchase of Connect Plus Man Down feature.

**Beacon Reset**

Resets (cancels) the Beacon tone, but it does not turn the Beacon feature off. Requires purchase of Connect Plus Man Down feature.

**Bluetooth® Audio Switch**

Toggles audio routing between internal radio speaker and external Bluetooth-enabled accessory.

**Bluetooth Connect**

Initiates a Bluetooth find-and-connect operation.

**Bluetooth Disconnect**

Terminates all existing Bluetooth connections between your radio and any Bluetooth-enabled devices.

**Bluetooth Discoverable**

Enables your radio to enter Bluetooth Discoverable Mode.

**Busy Queue Cancellation**

Exits the busy mode when a non-Emergency call in the Busy Queue was initiated. Emergency calls, once accepted into the Busy Queue, cannot be cancelled.

**Call Log**

Selects the call log list.

**Channel Announcement**

Plays zone and channel announcement voice messages for the current channel.

**Contacts**

Provides direct access to the Contacts list.

**Emergency On/Off**

Depending on the programming, initiates or cancels an emergency.

**Indoor Location**

Toggles Indoor Location on or off.

**Intelligent Audio**

Toggles intelligent audio on or off.

**Man Down Alarms On/Off**

Toggles all configured Man Down Alarms on or off.  
Requires purchase of Connect Plus Man Down feature.

**Man Down Alarms Reset**

If pressed while a Man Down feature Alert Tone is playing, the tone is cancelled and feature timers are reset, but it does not turn the Man Down Alarms off.  
Requires purchase of Man Down feature.

**Manual Dial**

Depending on the programming, initiates a Private or Phone Call by keying in any subscriber ID or phone number.

**One Touch Access**

Directly initiates a predefined Private Call, a Call Alert, a Quick Text message, or Home Revert.

**Privacy**

Toggles privacy on or off.

**Radio Check**

Determines if a radio is active in a system.

**Radio Enable**

Allows a target radio to be remotely enabled.

**Radio Disable**

Allows a target radio to be remotely disabled.

**Remote Monitor**

Turns on the microphone of a target radio without it giving any indicators.

**Reset Home Channel**

Sets a new home channel.

**Ring Alert Type**

Provides direct access to the Ring Alert Type Setting.

**Roam Request**

Requests to search for a different site.

**Scan**

Toggles scan on or off.

**Silence Home Channel Reminder**

Mutes the Home Channel Reminder.

**Site Lock On/Off**

When toggled on, the radio searches the current site only. When toggled off, the radio searches other sites in addition to the current site.

**Text Message**

Selects the text message menu.

**Vibrate Style**

Configures the vibrate style.

**Voice Announcement On/Off**

Toggles voice announcement on or off.

**Wi-Fi**

Toggles Wi-Fi on or off.

**Zone**

Allows selection from a list of zones.

**6.1.2.2**

## Assignable Settings or Utility Functions

**AF Suppressor**

Toggles the Acoustic Feedback Suppressor feature on or off.

**All Tones/Alerts**

Toggles all tones and alerts on or off.

**Backlight**

Toggles display backlight on or off.

**Backlight Brightness**

Adjusts the brightness level.

**Display Mode**

Toggles the day/night display mode on or off.

**Global Navigation Satellite System (GNSS)**

Toggles the satellite navigation system on or off.

**Keypad Lock**

Toggles keypad between locked and unlocked.

**Power Level**

Toggles transmit power level between high and low.

**Unassigned**

Indicates that the button function has not yet been assigned.

**6.1.3**

## Identifying Status Indicators in Connect Plus Mode

The 132 x 90 pixels, 256 colors, liquid crystal display (LCD) of your radio shows radio status, text entries, and menu entries.

**6.1.3.1**

### Display Icons

The following are icons that appear on the display of the radio. Icons are displayed on the status bar, arranged left-

most in order of appearance/usage and are channel specific.

|                                                                                   |                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Received Signal Strength Indicator (RSSI)</b><br>The number of bars displayed represents the radio signal strength. Four bars indicate the strongest signal. This icon is only displayed while receiving. |
|  | <b>Bluetooth Not Connected</b><br>The Bluetooth feature is enabled but there is no remote Bluetooth device connected.                                                                                        |
|  | <b>Bluetooth Connected</b><br>The Bluetooth feature is enabled. The icon stays lit when a remote Bluetooth device is connected.                                                                              |
|  | <b>High Volume Data</b><br>Radio is receiving high volume data and channel is busy.                                                                                                                          |

|                                                                                   |                                                                                                                                                                   |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Indoor Location Available <sup>4</sup></b><br>Indoor location status is on and available.                                                                      |
|  | <b>Indoor Location Unavailable <sup>4</sup></b><br>Indoor location status is on but unavailable due to Bluetooth disabled or Beacons Scan suspended by Bluetooth. |
|  | <b>Mute Mode</b><br>Mute Mode is enabled and speaker is muted.                                                                                                    |
|  | <b>Notification</b><br>Notification List has items to review.                                                                                                     |
|  | <b>Power Level</b><br>Radio is set at Low power or Radio is set at High power.                                                                                    |
|  | <b>Tones Disable</b><br>Tones are turned off.                                                                                                                     |
|  | <b>Option Board</b>                                                                                                                                               |

<sup>4</sup> Only applicable for models with the latest software and hardware

|                                                                                   |                                                                                                                         |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
|                                                                                   | The Option Board is enabled.                                                                                            |
|  | <b>Option Board Non-Function</b><br>The Option Board is disabled.                                                       |
|  | <b>GNSS Available</b><br>The GPS/GNSS feature is enabled. The icon stays lit when a position fix is available.          |
|  | <b>GNSS Not Available/Out of Range</b><br>The GPS/GNSS feature is enabled but is not receiving data from the satellite. |
|  | <b>Scan</b><br>Scan feature is enabled.                                                                                 |
|  | <b>Emergency</b><br>Radio is in Emergency mode.                                                                         |
|  | <b>Secure</b><br>The Privacy feature is enabled.                                                                        |
|  | <b>Unsecure</b><br>The Privacy feature is disabled.                                                                     |

|                                                                                   |                                                                                                                                   |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Site Roaming</b><br>The site roaming feature is enabled.                                                                       |
|  | <b>Battery</b><br>The number of bars (0 – 4) shown indicates the charge remaining in the battery. Blinks when the battery is low. |
|  | <b>Contact</b><br>Radio contact is available.                                                                                     |
|  | <b>Call Log</b><br>Radio call log.                                                                                                |
|  | <b>Message</b><br>Incoming message.                                                                                               |
|  | <b>Ring Only</b><br>Ringing mode is enabled.                                                                                      |
|  | <b>Silent Ring</b><br>Silent ring mode is enabled.                                                                                |
|  | <b>Vibrate</b><br>Vibrate mode is enabled.                                                                                        |



### Vibrate and Ring

Vibrate and Ring mode is enabled.



### Wi-Fi Excellent<sup>5</sup>

Wi-Fi signal is excellent.



### Wi-Fi Good<sup>5</sup>

Wi-Fi signal is good.



### Wi-Fi Average<sup>5</sup>

Wi-Fi signal is average.



### Wi-Fi Poor<sup>5</sup>

Wi-Fi signal is poor.



### Wi-Fi Unavailable<sup>5</sup>

Wi-Fi signal is unavailable.

#### 6.1.3.2

<sup>5</sup> Only applicable for DGP 5550e/DGP 8550e

## Call Icons

The following icons appear on your radio display during a call. These icons also appear in the Contacts list to indicate ID type.



### Private Call

Indicates a Private Call in progress. In the Contacts list, it indicates a subscriber alias (name) or ID (number).



### Group Call/Site All Call

Indicates a Group Call or Site All Call in progress. In the Contacts list, it indicates a group alias (name) or ID (number).



### Phone Call as Private Call

Indicates a Phone Call as Private Call in progress.



### Bluetooth PC Call

Indicates a Bluetooth PC Call in progress.

|                                                                                   |                                                                                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                   | In the Contacts list, it indicates a Bluetooth PC Call alias (name) or ID (number).                                                                 |
|  | <b>Dispatch Call</b><br>The Dispatch Call contact type is used to send a text message to a dispatcher PC through a third-party Text Message Server. |
|  | <b>Option Board Individual Call</b><br>Indicates an Option Board individual call in progress.                                                       |
|  | <b>Option Board Group Call</b><br>Indicates an Option Board group call in progress.                                                                 |

## 6.1.3.3

## Advanced Menu Icons

The following icons appear beside menu items that offer a choice between two options or as an indication that there is a sub-menu offering two options.

|                                                                                   |                                                                                            |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  | <b>Checkbox (Empty)</b><br>Indicates the option is not selected.                           |
|  | <b>Checkbox (Checked)</b><br>Indicates the option is selected.                             |
|  | <b>Solid Black Box</b><br>Indicates the option selected for the menu item with a sub-menu. |

## 6.1.3.4

## Sent Item Icons

The following icons appear at the top right corner of the radio display in the Sent Items folder.

|                                                                                   |                                                                    |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------|
|  | <b>Sent Successfully</b><br>The text message is sent successfully. |
| OR                                                                                |                                                                    |
|  |                                                                    |





OR



### In-Progress

- The text message to a group alias or ID is pending transmission.
- The text message to a subscriber alias or ID is pending transmission, followed by waiting for acknowledgement.



OR



### Individual or Group Message Read

The text message has been read.



OR



### Individual or Group Message Unread

The text message has not been read.



OR



### Send Failed

The text message has not been sent.

### 6.1.3.5

## Bluetooth Device Icons

The following icons also appear next to items in the list of Bluetooth-enabled devices available to indicate the device type.



### Bluetooth Data Device

Bluetooth-enabled data device, such as a scanner.



### Bluetooth Audio Device

Bluetooth-enabled audio device, such as a headset.



### Bluetooth PTT Device

Bluetooth-enabled PTT device, such as a PTT-Only Device (POD).



### Bluetooth Sensor Device

Bluetooth-enabled sensor device, such as gas sensor.

6.1.3.6  
**LED Indicator**

The LED indicator shows the operational status of your radio.

|                                  |                                                                                                                                                                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Blinking red</b>              | Battery mismatch occurs or radio is transmitting at low battery condition, receiving an emergency transmission or has failed the self-test upon powering up, or has moved out of range if radio is configured with Auto-Range Transponder System. Mute Mode is enabled. |
| <b>Rapidly blinking red</b>      | Radio is receiving over-the-air file transfer (Option Board firmware file, Network Frequency file or Option Board Codeplug file) or upgrading to a new Option Board firmware file.                                                                                      |
| <b>Blinking green and yellow</b> | Radio is receiving a Call Alert, received a text message or Scan is enabled and is receiving activity.                                                                                                                                                                  |
| <b>Solid yellow</b>              | Radio is in Bluetooth Discoverable Mode.                                                                                                                                                                                                                                |

|                               |                                                                                                           |
|-------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Double blinking yellow</b> | Radio is actively searching for a new site.                                                               |
| <b>Blinking yellow</b>        | Radio is receiving a Call Alert or Scan is enabled and is idle (radio will remain muted to any activity). |
| <b>Solid green</b>            | Radio is powering up or transmitting.                                                                     |
| <b>Blinking green</b>         | Radio is powering up, receiving a call or data.                                                           |
| <b>Double blinking green</b>  | Radio is receiving a privacy-enabled call.                                                                |

6.1.3.7  
**Indicator Tones**

The following are the tones that sound through the radio speaker.

|                   |                          |                  |                                     |
|-------------------|--------------------------|------------------|-------------------------------------|
| High pitched tone | <input type="checkbox"/> | Low pitched tone | <input checked="" type="checkbox"/> |
|-------------------|--------------------------|------------------|-------------------------------------|

Indicator tones provide you with audible indications of the status after an action to perform a task is taken.

|                                                                                   |                         |
|-----------------------------------------------------------------------------------|-------------------------|
|  | Positive Indicator Tone |
|  | Negative Indicator Tone |

6.1.3.8  
**Alert Tones**

Alert tones provide you with audible indications of the status, or response to data received on the radio.

|                                                                                                             |                                                                                                         |
|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Continuous Tone</b><br> | A monotone sound.<br>Sounds continuously until termination.                                             |
| <b>Periodic Tone</b><br>   | Sounds periodically depending on the duration set by the radio. Tone starts, stops, and repeats itself. |
| <b>Repetitive Tone</b><br> | A single tone that repeats itself until it is terminated by the user.                                   |

|                                                                                                            |                                                                   |
|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| <b>Momentary Tone</b><br> | Sounds only once for a short period of time defined by the radio. |
|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|

6.1.4  
**Switching Between Connect Plus and Non-Connect Plus Modes**

To switch to a non-Connect Plus mode, you must change to another zone, if programmed by your dealer or system administrator. Check with your dealer or system administrator to see if your radio has been programmed with non-Connect Plus zones, and what features are available while operating in non-Connect Plus zones.

6.2  
**Making and Receiving Calls in Connect Plus Mode**

This section explains general radio operations and call features that are available in your radio.

## 6.2.1

## Selecting a Site

A site provides coverage for a specific area. A Connect Plus site has a site controller and a maximum of 15 repeaters. In a multi-site network, the Connect Plus radio will automatically search for a new site when the signal level from the current site drops to an unacceptable level.

## 6.2.1.1

### Roam Request

A Roam Request tells the radio to search for a different site, even if the signal from the current site is acceptable.

If there are no sites available:

- The radio displays `Searching` and `Selected Channel Alias` and continues to search through the list of sites.
- The radio will return to the previous site, if the previous site is still available.



#### NOTICE:

This is programmed by your dealer.

Press the programmed **Roam Request** button.

You hear a tone, indicating the radio has switched to a new site. The display shows `Site ID <Site Number>`.

## 6.2.1.2

### Site Lock On/Off

When toggled on, the radio searches the current site only. When toggled off, the radio searches other sites in addition to the current site.

Press the programmed **Site Lock** button.

If the **Site Lock** function is toggled on:

- You hear a positive indicator tone, indicating the radio has locked to the current site.
- The display shows `Site Locked`.

If the **Site Lock** function is toggled off:

- You hear a negative indicator tone, indicating the radio is unlocked.

- The display shows `Site Unlocked`.

### 6.2.1.3

## Site Restriction

Your Connect Plus radio system administrator has the ability to decide which network sites your radio is and is not allowed to use. Your radio does not need to be reprogrammed to change the list of allowed and disallowed sites. If your radio attempts to register at a disallowed site, you see a brief message stating: `Site <number given> Not Allowed`. The radio then searches for a different network site.

### 6.2.2

## Selecting a Zone

The radio can be programmed with a maximum of 16 Connect Plus Zones and each Connect Plus zone contains a maximum of 16 assignable positions on the Channel Selector Knob.

Each assignable knob position can be used to start one of the following voice call types:

- Group Call

- Multi-group Call
- Site All Call
- Private Call

- 1 Access the Zone feature by performing the following:

| Radio Controls                          | Steps                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Programmed Zone Selection button</b> | Press the programmed <b>Zone Selection</b> button.                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Radio menu</b>                       | <ol style="list-style-type: none"> <li>a Press  to access the menu.</li> <li>b Press  or  to Zone and press  to select.</li> </ol> |

The current zone is displayed and indicated by a .

- 2 Select the required zone.

| Radio Control | Steps                                         |
|---------------|-----------------------------------------------|
| ▲ or ▼        | Press ▲ or ▼ and scroll to the required zone. |

3

Press  to select.

The display shows <Zone> Selected momentarily and returns to the selected zone screen.

### 6.2.3

## Using Multiple Networks

If your radio has been programmed to use multiple Connect Plus networks, you can select a different network by switching to the Connect Plus zone that is assigned to the desired network. These network-to-zone assignments are configured by your dealer through radio programming.

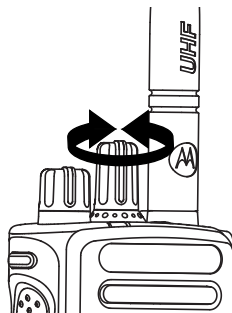
### 6.2.4

## Selecting a Call Type

Use the Channel Selector Knob to select a call type. This can be a Group Call, Multi-group Call, Site All Call or Private Call, depending on how your radio is programmed.

If you change the Channel Selector Knob to a different position (that has a call type assigned to it), this causes the radio to re-register with the Connect Plus site. The radio registers with the Registration Group ID that has been programmed for the new Channel Selector Knob position call type.

If you select a position that has no call type assigned to it, your radio sounds a continuous tone and the display shows Unprogrammed. Your radio does not operate when selected to an unprogrammed channel, use the Channel Selector Knob to select a programmed channel instead.



Once the required zone is displayed (if you have multiple zones in your radio), turn the programmed Channel Selector Knob to select the call type.

## 6.2.5

## Receiving and Responding to a Radio Call

Once the channel, subscriber ID or call type is displayed, you can proceed to receive and respond to calls.

The LED lights up solid green while the radio is transmitting and blinks green when the radio is receiving.


**NOTICE:**

The LED lights up solid green while the radio is transmitting and double blinks green when the radio is receiving a privacy-enabled call. To unscramble a privacy-enabled call, your radio must have the same Privacy Key, OR the same Key Value and Key ID (programmed by your dealer), as the transmitting radio (the radio you are receiving the call from).

See [Privacy on page 320](#) for more information.

## 6.2.5.1

## Receiving and Responding to a Group Call

To receive a call from a group of users, your radio must be configured as part of that group.

When you receive a Group Call (while on the Home screen), the LED blinks green. The Group Call icon appears in the top right corner. The first text line shows the caller alias. The second text line displays the group call alias. Your radio unmutes and the incoming call sounds through the radio speaker.

- 1 Hold the radio vertically 1 to 2 inches (2.5 to 5.0 cm) from your mouth.

The LED lights up solid green.

- 
- 2 Wait for one of the Talk Permit Tone to finish (if enabled), and speak clearly into the microphone.

- 
- 3 Release the **PTT** button to listen.

If there is no voice activity for a predetermined period of time, the call ends.


**NOTICE:**

See [Making a Group Call on page 255](#) for details on making a Group Call.

## 6.2.5.2

## Receiving and Responding to a Private Call

A Private Call is a call from an individual radio to another individual radio.

When you receive a Private Call, the LED blinks green. The Private Call icon appears in the top right corner. The first text line shows the caller alias. Your radio unmutes and the incoming call sounds through the speaker of the radio.

- 1 Hold the radio vertically 1 to 2 inches (2.5 to 5.0 cm) from your mouth.

---

- 2 Press the **PTT** button to respond to the call.  
The LED lights up solid green.

---

- 3 Wait for the Talk Permit Tone to finish (if enabled), and speak clearly into the microphone.

---

- 4 Release the **PTT** button to listen.

---

If there is no voice activity for a predetermined period of time, the call ends.

You hear a short tone. The display shows `Call Ended`.

See [Making a Private Call on page 256](#) for details on making a Private Call.

## 6.2.5.3

## Receiving a Site All Call

A Site All Call is a call from an individual radio to every radio on the site. It is used to make important announcements requiring the user's full attention.

When you receive an Site All Call, a tone sounds and the LED blinks green.

The Group Call icon appears in the top right corner. The first text line shows the caller alias. The second text line displays `Site All Call`. Your radio unmutes and the incoming call sounds through the radio speaker.

Once the Site All Call ends, the radio returns to the previous screen before receiving the call. A Site All Call does not wait for a predetermined period of time before ending.



You cannot respond to a Site All Call.



**NOTICE:**

See [Making a Site All Call on page 257](#) for details on making a Site All Call.

The radio stops receiving the Site All Call if you switch to a different channel while receiving the call. During a Site All Call, you will not be able to use any programmed button functions until the call ends.

**6.2.5.4**

# **Receiving an Inbound Private Phone Call**

When you receive an Inbound Private Phone Call, the Phone Call as Private Call icon appears in the top right corner. The first text line shows Phone Call.

- 1 Press and hold the **PTT** button to answer and talk. Release the **PTT** button to listen.

- 2 Long press  to end the call.

The first line of the display shows Ending. The second line of the display shows Phone Call.... The display returns to the Phone Call screen.

The display shows Phone Call Ended.

**6.2.5.4.1**

# **Making a Buffered Over-Dial in an Inbound Phone Private Call**

During the call, the Phone Call as Private Call icon appears in the top right corner. The first text line of the display shows Phone Call.

- 1 Use the keypad to enter the digits and press the



button.

Press  followed by  within 2 seconds to insert a pause. The P replaces \* and # on the display.

The Phone Call as Private Call icon appears in the top right corner. The first text line of the display shows the entered digits.

2

Long press  to end the call.

The first line of the display shows Ending. The second line of the display shows Phone Call.... The display returns to the Phone Call screen.

The display shows Phone Call Ended.

2

Long press  to end the call.

The first line of the display shows Ending. The second line of the display shows Phone Call.... The display returns to the Phone Call screen.

The display shows Phone Call Ended.

#### 6.2.5.4.2

### Making a Live Over-Dial in an Inbound Phone Private Call

During the call, the Phone Call as Private Call icon appears in the top right corner. The first text line of the display shows Phone Call.

- 1 Press the **PTT** button and use the keypad to enter the digits.

The Phone Call as Private Call icon appears in the top right corner. The first text line of the display shows the Live Dial digits.

#### 6.2.5.5

### Receiving an Inbound Phone Talkgroup Call

When you receive an Inbound Phone Talkgroup Call, the Group Call icon appears in the top right corner. The first text line shows Call1.

Press the **PTT** button to talk and release it to listen.

#### 6.2.5.6

### Inbound Phone Multi-Group Call

When you receive an Inbound Phone Multi-Group Call, the Group Call icon appears in the top right corner. The first text line shows Multigroup Call. The radio unmutes and

the incoming multi-group call sounds through the radio speaker.

### 6.2.6

## Making a Radio Call

After selecting your channel, you can select a subscriber alias or ID, or group alias or ID by using:

- The Channel Selector Knob.
- A programmed **One Touch Access** button – The One Touch Access feature allows you to make a Private Call to a predefined ID easily. This feature can be assigned to a short or long programmable button press. You can only have one ID assigned to a **One Touch Access** button. Your radio can have multiple **One Touch Access** buttons programmed.
- The Contacts list (see [Contacts Settings on page 278](#)).
- Manual Dial – This method is for Private Calls only and is dialed using the keypad (see [Making a Private Call from Contacts on page 279](#), and [Making a Call with the Programmable Manual Dial Button on page 259](#)).



### NOTICE:

Your radio must have the Privacy feature enabled on the channel to send a privacy-enabled transmission. Only target radios with the same Key Value and Key ID as your radio will be able to unscramble the transmission.

See [Privacy on page 320](#) for more information.

### 6.2.6.1

## Making a Call with the Channel Selector Knob

This feature allows the radio users to make different call types : Group Call, Private Call, Site All Call, Multi-group Call.

### 6.2.6.1.1

## Making a Group Call

To make a call to a group of users, your radio must be configured as part of that group.

- 1 Select the channel with the active group alias or ID.  
See [Selecting a Call Type on page 250](#).

- 2 Hold the radio vertically 1 to 2 inches (2.5 to 5.0 cm) from your mouth.
- 

- 3 Press the **PTT** button to make the call.

The LED lights up solid green. The Group Call icon appears in the top right corner. The first text line shows the group call alias.

---

- 4 Wait for the Talk Permit Tone to finish (if enabled), and speak clearly into the microphone.
- 

- 5 Release the **PTT** button to listen.

When the target radio responds, the LED blinks green, the radio unmutes and the response sounds through the radio speaker. You see the Group Call icon, the group alias or ID, and transmitting radio alias or ID on your display.

If there is no voice activity for a predetermined period of time, the call ends. Radio returns to the screen you were on prior to initiating the call.

---

#### 6.2.6.1.2

## Making a Private Call

While you can receive and/or respond to a Private Call initiated by an authorized individual radio, your radio must be programmed for you to initiate a Private Call.

You will hear a negative indicator tone, when you make a Private Call using the Contacts list, Call Log, **One Touch Access** button, or the Channel Selector Knob, if this feature is not enabled.

Use the Text Message or Call Alert features to contact an individual radio. See [Text Messaging on page 167](#) or [Call Alert Operation on page 288](#) for more information.

- 1 Do one of the following.

- Select the channel with the active subscriber alias or ID. See [Selecting a Call Type on page 250](#).
  - Press the programmed **One Touch Access** button.
- 

- 2 Hold the radio vertically 1 to 2 inches (2.5 to 5.0 cm) from your mouth.
-

- 3 Press the **PTT** button to make the call.

The LED lights up solid green. The Private Call icon appears on the top right corner. The first text line shows the target subscriber alias. The second text line displays the call status.

---

- 4 Wait for the Talk Permit Tone to finish (if enabled), and speak clearly into the microphone.
- 

- 5 Release the **PTT** button to listen.

When the target radio responds, the LED blinks green.

If there is no voice activity for a predetermined period of time, the call ends. You hear a short tone. The display shows `Call Ended`.

---

Your radio may be programmed to perform a radio presence check prior to setting up the Private Call. If the target radio is not available, you hear a short tone and see negative mini notice on the display.

### 6.2.6.1.3

## Making a Site All Call

This feature allows you to transmit to all users on the site that are currently not engaged in another call. Your radio must be programmed to allow you to use this feature.

Users on the channel/site cannot respond to an Site All Call.

- 1 Select the channel with the active Site All Call group alias. See [Selecting a Call Type on page 250](#).
- 

- 2 Hold the radio vertically 1 to 2 inches (2.5 to 5.0 cm) from your mouth.
- 

- 3 Press the **PTT** button to make the call.

The LED lights up solid green. The Group Call icon appears in the top right corner. The first text line shows `Site All Call`.

---

- 4 Wait for the Talk Permit Tone to finish (if enabled), and speak clearly into the microphone.
-

## 6.2.6.1.4

## Making a Multi-group Call

This feature allows you to transmit to all users on multiple groups. Your radio must be programmed to allow you to use this feature.


**NOTICE:**

Users on the groups cannot respond to a Multi-group Call.

- 1 Turn the Channel Selector Knob to select the Multi-group alias or ID.

- 2 Press the **PTT** button to make the call.

The LED lights up solid green. The display shows the Multi-group alias or ID.

Wait for the Talk Permit Tone to finish (if enabled) and speak clearly into the microphone.

## 6.2.6.1.5

## Making a Private Call with a One Touch Call Button


**NOTICE:**

Programmable buttons press must be initiated from the Home screen.

The One Touch Call feature allows you to easily make a Private Call to a pre-defined Private Call alias or ID. This feature can be assigned to a short or long programmable button press.

You can **ONLY** have one alias or ID assigned to a One Touch Call button. Your radio can have multiple One Touch Call buttons programmed.

- 1 Press the programmed **One Touch Call** button to make a Private Call to the pre-defined Private Call alias or ID.

- 2 Hold the radio vertically 1 to 2 inches (2.5 to 5.0 cm) from your mouth.

- 3 Press the **PTT** button to make the call.

The LED lights up solid green.

The display shows the Private Call alias or ID.

- 
- 4 Wait for the Talk Permit Tone to finish (if enabled) and speak clearly into the microphone.
- 

- 5 Release the **PTT** button to listen.

When the target radio responds, the LED blinks green.

If there is no voice activity for a predetermined period of time, the call ends.

---

#### 6.2.6.2

### Making a Call with the Programmable Manual Dial Button

This feature allows the radio users to make private calls using the programmable manual dial button.

#### 6.2.6.2.1

### Making a Private Call

- 1 Press the programmed **Manual Dial** button to enter into the Manual Dial screen.

The display shows **Number:**.

---

- 2 Use the keypad to enter a subscriber alias or Private ID.
- 

- 3 Hold the radio vertically 1 to 2 inches (2.5 to 5.0 cm) from your mouth.
- 

- 4 Press the **PTT** button to make the call.

The LED lights up solid green. The Private Call icon appears in the top right corner. The first text line shows the subscriber alias. The second text line displays the call status.

---

- 5 Wait for the Talk Permit Tone to finish (if enabled) and speak clearly into the microphone.
- 

- 6 Release the **PTT** button to listen.

When the target radio responds, the LED blinks green.

If there is no voice activity for a predetermined period of time, the call ends. You hear a short tone. The display shows **Call Ended**.

---

### 6.2.6.3

## Making an Outbound Private Phone Call with the Programmable Manual Dial Button

- 1 Press the programmed **Manual Dial** button to enter into the Manual Dial screen.

The display shows **Number:.**

---

- 2 Use the keypad to enter a telephone number, and press  to place a call to the entered number.

Press  to delete any unwanted characters. Press  followed by  within 2 seconds to insert a pause. The P replaces \* and # on the display.

If successful, the first line of the display shows **Phone Call**. The second line of the display shows the dialed telephone number.

If an invalid telephone number is selected, the display shows a negative mini notice, **Phone Call Failed, Resource Not Available, or Invalid Permissions**.

If  is pressed with no telephone number entered, the radio sounds a positive indicator tone then a negative indicator tone. The display remains the same.

---

3

Long press  to end the call.

The first line of the display shows **Ending**. The second line of the display shows **Phone Call....**

The display shows **Phone Call Ended**.

---

### 6.2.6.4

## Making an Outbound Private Phone Call via the Phone Menu

1

Press  to access the menu.

---



2 Press ▲ or ▼ to Phone and press  to select.

---

3 Press  to select Manual Dial.

The first line of the display shows Number, the second line of the display shows a blinking cursor.

---

4 Use the keypad to enter a telephone number, and press  to place a call to the entered number.

Press ◀ to delete any unwanted characters. Press  followed by  within 2 seconds to insert a pause. The P replaces \* and # on the display.

If successful, the first line of the display shows Phone Call. The second line of the display shows the dialed telephone number.

If an invalid telephone number is selected, the display shows a negative mini notice, Phone Call Failed, Resource Not Available, or Invalid Permissions.

If  is pressed with no telephone number entered, the radio sounds a positive indicator tone then a negative indicator tone. The display remains the same.

---

5 Long press  to end the call.

The first line of the display shows Ending. The second line of the display shows Phone Call....

The display shows Phone Call Ended.

---

#### 6.2.6.5

### Making an Outbound Private Phone Call from Contacts



#### NOTICE:

If the Phone Manual Dial is disabled in MOTOTRBO Connect Plus Option Board CPS, the Phone Number item will **not** be displayed in the Menu.

1 Press  to access the menu.

---

2 Press ▲ or ▼ to `Contacts` and press  to select.

---

3 Press ▲ or ▼ to `Manual Dial` and press  to select.

---

4 Press ▲ or ▼ to `Phone Number` and press  to select.

The first line of the display shows `Number`, the second line of the display shows a blinking cursor.

---

5 Use the keypad to enter a telephone number, and press  to place a call to the entered number.

If the **PTT** button is pressed, the display shows a negative mini notice, `Press OK to Send` and returns to the previous screen.

Press ◀ to delete any unwanted characters. Press  followed by  within 2 seconds to insert a pause. The `P` replaces `*` and `#` on the display.

If successful, the first line of the display shows `Phone Call`. The second line of the display shows the dialed telephone number.

If  is pressed with no telephone number entered, the radio sounds a positive indicator tone then a negative indicator tone. The display remains the same.

---

6 Long press  to end the call.

The first line of the display shows `Ending`. The second line of the display shows `Phone Call....`

The display shows `Phone Call Ended`.

---

6.2.6.6

# Waiting for the Channel Grant in an Outbound Private Phone Call

When you make a Private Phone Call, the first line of the display shows Phone Call. The second line of the display shows the dialed telephone number.

When the call is connected, the Phone Call as Private Call icon appears in the top right corner. The first line of the display shows the telephone number.

If unsuccessful, the display shows a negative mini notice, Phone Call Failed, Resource Not Available, or Invalid Permissions.

Long press  to end the call.

The display returns to the previous screen.

6.2.6.7

# Making a Buffered Over-Dial in a Connected Outbound Private Phone Call

During the call, the Phone Call as Private Call icon appears in the top right corner. The first text line of the display shows the telephone number.

- 1 Use the keypad to enter the digits.

Press  to delete any unwanted characters. Press  followed by  within 2 seconds to insert a pause. The P replaces \* and # on the display.

The first text line of the display shows Extra Digits, the second text line of the display shows the entered extra digits.

- 2 Press the  button.

If the **PTT** button is pressed, the display shows a negative mini notice, `Press OK to Send` and returns to the previous screen.

The Phone Call as Private Call icon appears in the top right corner. The first text line of the display shows the telephone number with the over-dial digits appended.

---

### 3 Do one of the following.

- Press  to return to the Phone Call screen.
  - Long press  to end the call.
- 

#### 6.2.6.8

## Making a Live Over-Dial in a Connected Outbound Private Phone Call

During the call, the Phone Call as Private Call icon appears in the top right corner. The first text line of the display shows the telephone number.

- 1 Press the **PTT** button and use the keypad to enter the digits.

The Phone Call as Private Call icon appears in the top right corner. The first text line of the display shows the telephone number with the over-dial digits appended.

---

- 2 Long press  to end the call.

The first line of the display shows `Ending`. The second line of the display shows `Phone Call....`

The display shows `Phone Call Ended`.

---

## 6.3

## Advanced Features in Connect Plus Mode

---

This chapter explains the operations of the features available in your radio.

## 6.3.1

### Home Channel Reminder

This feature provides a reminder when the radio is not set to the home channel for a period of time.

If this feature is enabled by using the CPS, the Home Channel Reminder tone and announcement sound, the first line of the display shows `Non` and the second line shows `Home Channel` periodically when the radio is not set to the home channel for a period of time.

You can respond to the reminder by performing one of the following actions:

- Return to the home channel.
- Mute the reminder temporarily by using the programmable button.

- Set a new home channel by using the programmable button.

## 6.3.1.1

#### Muting the Home Channel Reminder

When the Home Channel Reminder occurs, you can temporarily mute the reminder by performing the following action.

Press the **Silence Home Channel Reminder** programmable button.

The first line of the display shows `HCR` and the second line shows `Silenced`.

---

## 6.3.1.2

## Setting a New Home Channel

When the Home Channel Reminder occurs, you can set a new home channel by performing one of the following actions:

- Press the **Reset Home Channel** programmable button.

The first line of the display shows the channel alias and the second line shows `New Home Ch.`

- Set a new home channel via the menu:

- Press  to access the menu.
- Press  or  to `Utilities` and press  to select.
- Press  or  to `Radio Settings` and press  to select.
- Press  or  to `Home Channel` and press  to select.

- Select from the list of valid channels.

The display shows  beside the selected home channel alias.

## 6.3.2

## Auto Fallback

Auto Fallback is a system feature that allows you to continue to make and receive non-emergency calls on the selected Group Contact, if certain types of failures occur in the Connect Plus system.

If one of these failures occurs, your radio attempts to roam to a different Connect Plus site. This search process may result in your radio finding an operable Connect Plus site, or it may result in your radio finding a Fallback Channel (if your radio is enabled for Auto Fallback).

A Fallback Channel is a repeater that is normally part of an operable Connect Plus site, but cannot communicate with either the site controller or Connect Plus network at that moment. In Fallback mode, the repeater operates as a single digital repeater. Auto Fallback Mode supports non-emergency Group Calls only. No other call types are supported in Fallback Mode.

### 6.3.2.1

## Indications of Auto Fallback Mode

When your radio is using a Fallback channel, you hear the intermittent Fallback Tone approximately once every 15 seconds (except while transmitting). The display periodically shows a brief message, `Fallback Channel`. Your radio only permits PTT on the selected Group Contact (Group Call, Multigroup Call, or Site All Call). It does not allow you to make other types of calls.

### 6.3.2.2

## Making/Receiving Calls in Fallback Mode



### NOTICE:

Calls are heard only by radios that are monitoring the same Fallback channel and selected to the same Group. Calls are not networked to other sites or other repeaters.

Emergency voice calls or Emergency Alerts are not available in Fallback mode. If you press the emergency button in Fallback mode, the radio provides an invalid key press tone. Display-equipped radios also show the message, "Feature not available".

Private (radio to radio) and Phone calls are not available in Fallback mode. If you attempt a call to a private contact, you will receive a denial tone. At this point you should select a desired group contact. Other non-supported calls include Remote Monitor, Call Alert, Radio Check, Radio Enable, Radio Disable, Text messaging, Location Updates, and packet data calls.

Enhanced Traffic Channel Access (ETCA) is not supported in Auto Fallback mode. If two or more radio users press **PTT** at the same time (or at

almost the same time), it is possible that both radios transmit until **PTT** is released. In this event, it is possible that none of the transmissions will be understood by receiving radios.

Making calls in Fallback mode is similar to normal functioning. Simply select the group contact you wish to use (using the radio's normal channel selection method), and then press the **PTT** to start your call. It is possible that the channel may be in use already by another group. If the channel is in use, you receive a busy tone and the display will say "Channel Busy". You may select Group, Multi-group or Site All Call contacts using your radio's normal channel selection method. While the radio is operating on the Fallback Channel, the Multigroup operates just like other Groups. It is only heard by radios that are currently selected to the same Multi-group.

6.3.2.3  
**Returning to Normal Operation**

If the site returns to normal trunking operation while you are in range of your Fallback repeater, your radio automatically exits Auto Fallback mode. You hear a registration "beep" when the radio successfully registers. If you are in the range of an operable site (that is not in Fallback mode), you may press the Roam Request button (if programmed for

your radio) to force your radio to search for and register on an available site. If no other site is available, your radio returns to Auto Fallback mode after searching is complete. If you drive out of coverage of your Fallback repeater, your radio enters Search mode (display indicates Searching).

6.3.3  
**Radio Check**

If enabled, this feature allows you to determine if another radio is active in a system without disturbing the user of that radio. No audible or visual notification is shown on the target radio.

This feature is only applicable for subscriber IDs.

6.3.3.1  
**Sending a Radio Check**

- 1 Access the Radio Check feature.

| Radio Control  | Steps                                             |
|----------------|---------------------------------------------------|
| Programmed Ra- | a Press the programmed <b>Radio Check</b> button. |



| Radio Control                               | Steps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>dio</b><br><b>Check</b><br><b>button</b> | <p><b>b</b> Press ▲ or ▼ to the required subscriber alias or ID and press  to select.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Menu</b>                                 | <p><b>a</b> Press  to access the menu.</p> <p><b>b</b> Press ▲ or ▼ to Contacts and press  to select.</p> <p><b>c</b> Press ▲ or ▼ to the required subscriber alias or ID and press  to select.</p> <p><b>d</b> Press ▲ or ▼ to Radio Check and press  to select.</p> |

The display shows the Target Alias, indicating the request is in progress. The LED lights up solid green.

**2** Wait for acknowledgment.

If the target radio is active in the system, a tone sounds and the display briefly shows Target Radio Available.

If the target radio is not active in the system, a tone sounds and the display briefly shows Target Radio Not Available.

Radio returns to the subscriber alias or ID screen when initiated via Menu.

Radio returns to the Home Screen if initiated via the programmable button.

### 6.3.4 Remote Monitor

Use the Remote Monitor feature to turn on the microphone of a target radio (subscriber alias or IDs only). The green LED will blink once on the target subscriber. You can use this feature to monitor, remotely, any audible activity surrounding the target radio.

Your radio must be programmed to allow you to use this feature.

6.3.4.1

Initiating Remote Monitor



**NOTICE:**  
Remote Monitor automatically stops after a programmed duration or when there is any attempt to initiate transmission, change channels or power down the radio.

- 1 Access the Remote Monitor feature.

| Radio Control                       | Steps                                                                                                                                                                                                                                   |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pro-gram-med Re-mote Monitor Button | <div>a Press the programmed <b>Remote Monitor</b> button.</div> <div>b Press ▲ or ▼ to the required subscriber alias or ID and press  to select.</div> |
| Menu                                | <div>a Press  to access the menu.</div>                                                                                                                |

| Radio Control | Steps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               | <div>b Press ▲ or ▼ to <b>Contacts</b> and press  to select.</div> <div>c Press ▲ or ▼ to the required subscriber alias or ID and press  to select.</div> <div>d Press ▲ or ▼ to <b>Manual Di-</b><br/><b>al</b> and press  to select.</div> <div>e Press ▲ or ▼ to <b>Remote Mon.</b> and press  to select.</div> |

The first text line shows Rem. Monitor. The second text line displays the Target Alias, indicating the request is in progress. The LED lights up blinking green.

## 2 Wait for acknowledgment.

If successful, a positive indicator tone sounds and the display momentarily shows **Rem. Monitor Successful**. Your radio starts playing audio from the monitored radio for a programmed duration and display shows **Rem. Monitor**, followed by target alias. Once the timer expires, the radio sounds an alert tone and the LED turns off.

If unsuccessful, the radio sounds a negative indicator tone the display shows **Rem. Monitor Failed**.

### 6.3.5

## Scan

This feature allows your radio to monitor and join calls for groups defined in a pre-programmed scan list. When scan is enabled, the scan icon appears on the status bar and the LED blinks yellow when idle.

### 6.3.5.1

## Starting and Stopping Scan



### NOTICE:

This procedure turns the Scan feature On or Off for all Connect Plus zones with the same Network ID as your currently selected zone. It is important to note that even when the Scan feature is turned on via this procedure, scan may still be disabled for some (or all) groups on your scan list. See [Editing the Scan List on page 273](#) for more information.

You can start and stop scanning by pressing the programmed **Scan** button **OR** follow the procedure described next.

1

Press  to access the menu.

2

Press  or  to Scan and press  to select.

3

Press  or  to Turn On or Turn Off and press  to select.

- The display shows **Scan On** if scan is enabled.

- The Scan menu shows **Turn Off** if scan is enabled.
- The display shows **Scan Off** if scan is disabled.
- The Scan menu shows **Turn On** if scan is disabled.

#### 4 Release the **PTT** button to listen.

If you do not respond within the hang time, the radio returns to scanning other groups.

---

#### 6.3.5.2

### Responding to a Transmission During a Scan

During scanning, your radio stops on a group where activity is detected. The radio continuously listens for any member in the scan list when idle on the control channel.

- 1 Hold the radio vertically 1 to 2 inches (2.5 to 5.0 cm) from your mouth.
  - 2 Press the **PTT** button during hang time.  
The LED lights up solid green.
  - 3 Wait for the Talk Permit Tone to finish (if enabled), and speak clearly into the microphone.
- 

#### 6.3.6

### User Configurable Scan

If the Edit List menu is enabled, a user is able to Add and Remove the scan members from the Add Member menu. A Scan List member must be a regular Group Contact (for example, not Multi-group or Site All Call/Network Wide All Call) that is currently assigned to a Channel Selector position in a Connect Plus Zone with the same Network ID as the currently selected Zone. The Talkgroup alias must not match any Talkgroup that has been included in the current Zone Scan List.

Scan can be turned on or off from the menu or by pressing a programmed **Scan On/Off** button.

This feature functions only when the radio is not currently involved in a call. If you are presently listening to a call, your radio cannot scan for other group calls, and is therefore unaware they are in progress. Once your call is finished, your radio returns to the control channel time slot and is able to scan for groups that are in the scan list.

## 6.3.7

## Editing the Scan List

**NOTICE:**

If the scan list entry happens to be the currently selected group, the radio listens for activity on this group regardless of whether the list entry currently shows a check mark or not. Whenever a radio is not in a call, the radio listens for activity on its Selected Group, Multi-group, the Site All Call, and its Default Emergency Revert Group (if configured for one). This operation cannot be disabled. If Scan is enabled the radio will also listen for activity on enabled Zone Scan List members.

Your scan list determines which groups can be scanned. The list is created when your radio is programmed. If your radio has been programmed to allow you to edit the scan list, you can:

- Enable/disable scan for individual groups on the list.
- Add and Remove the scan members from the Add Member menu. Refer to [Add or Delete a Group via the Add Members Menu on page 274](#).

**NOTICE:**

A Scan List member must be a regular Group Contact (not Multi-group or Site All Call/Network Wide All Call) that is currently assigned to a Channel Selector position in a Connect Plus Zone with the same Network ID as the currently selected Zone.

The Talkgroup alias must not match any Talkgroup that has been included in the current Zone Scan List.

1

Press  to access the menu.

2

Press  or  to View/Edit List and press  to select.

3

Press  or  to the desired Group name.

If a check mark precedes the Group name, then scan is currently enabled for this Group.

If there is no check mark preceding the Group name, then scan is currently disabled for this Group.

- 4  to select the desired Group.

The display shows **Enable** if scan is currently disabled for the Group.

The display shows **Disable** if scan is currently enabled for the Group.

- 5 Select the displayed option (**Enable** or **Disable**) and press  to select.

Depending on which option was selected, the radio momentarily displays **Scan Enabled** or **Scan Disabled** as confirmation.

The radio displays the Zone scan list again. If scan was enabled for the Group, the check mark displays before the Group name. If scan was disabled for the Group, the check mark is removed before the Group name.

### 6.3.8

## Add or Delete a Group via the Add Members Menu

The Connect Plus radio does not allow a duplicate group number or a duplicate group alias to be placed on a zone scan list (or to be shown as a "scan candidate"). Thus, the list of "scan candidates" described in [step 6](#) and [step 7](#) sometimes changes after adding or deleting a group from the zone scan list.

If your radio has been programmed to allow you to edit the scan list, you can use the Add Members menu to add a group to the scan list of the currently selected zone, or to delete a group from the scan list of the currently selected zone.

- 1 Press  to access the menu.

- 2 Press  or  to Scan option and press  to select.

3

Press ▲ or ▼ to <Add Members> and press  to select.

The display shows Add Members from Zone n (n = the Connect Plus zone number of the first Connect Plus zone in your radio with the same Network ID as your currently selected zone).

4 Do one of the following.

- If the group you want to add to the scan list is assigned to a channel selector position in that zone, go to [step 6](#).
- If the group you want to add to the scan list is assigned to a channel selector position in a different Connect Plus zone, go to [step 5](#).

5 Press ▲ or ▼ to scroll a list of Connect Plus zones that have the same Network ID as the currently selected zone.

6 After locating the Connect Plus zone where the desired group is assigned to a channel selector position, press  to select.

Your radio displays the first entry in a list of groups assigned to a channel position in that zone. The groups on the list are called "scan candidates", because they can be added to the scan list of your currently selected zone (or they are already on the zone scan list).

If the zone does not have any groups that can be added to the scan list, the radio displays No Candidates.

7 Press ▲ or ▼ to scroll through the list of candidate groups.

If a plus sign (+) is displayed immediately before the group alias, this indicates the group is currently on the scan list for the selected zone.

If the plus sign (+) is not displayed immediately before the alias, the group is not currently on the scan list, but can be added.

8

Press  when the desired group alias is displayed.

If this group is not currently on the scan list for the currently selected zone, the Add (Group Alias) message is displayed.

If this group is already on the scan list for the currently selected zone, the **Delete (Group Alias)** message is displayed.

9

Press  to accept the displayed message (**Add** or **Delete**).

If deleting a group from the list, you will know the operation is successful because the plus sign (+) will no longer display immediately before the alias.

If adding a group to the list, you will know the operation is successful because the plus sign (+) will display before the alias.

If you are attempting to add a group, and the list is already full, the radio displays **List Full**. If this should occur, it will be necessary to delete a group from the scan list prior to adding a new one.

10

When finished, press  as many times as necessary to return to the desired menu.

## Understanding Scan Operation



### NOTICE:

If the Radio joins a call for a Zone Scan List member from a different Zone and Call Hang Timer expires before you are able to respond, in order to respond, you must navigate to the Zone and Channel of the Scan List Member and start a new call.

There are some circumstances in which you can miss calls for groups that are in your scan list. When you miss a call for one of the following reasons, this does not indicate a problem with your radio. This is a normal scan operation for Connect Plus.

- Scan feature is not turned on (check for the scan icon on the display).
- Scan list member has been disabled via the menu (see [Editing the Scan List on page 273](#)).
- You are participating in a call already.
- No member of the scanned group is registered at your site (Multisite systems only).



## 6.3.10

## Scan Talkback

If your radio scans into a call from the selectable group scan list, and if the **PTT** button is pressed during the scanned call, the operation of the radio depends on whether Scan Talkback was enabled or disabled during radio programming.

### Scan Talkback Disabled

The radio leaves the scanned call and attempts to transmit on the contact for the currently selected channel position. After the Call Hang Time on the currently selected contact expires, the radio returns to the home channel and starts the Scan Hang Time Timer. The radio resumes group scan after its Scan Hang Time Timer expires.

### Scan Talkback Enabled

If the **PTT** button is pressed during the Group Hang Time of the scanned call, the radio attempts to transmit to the scanned group.

**NOTICE:**

If you scan into a call for a group that is not assigned to a channel position in the currently selected zone and you miss the Hang Time of the call, switch to the proper zone and then select the channel position of the group to talk back to that group.

## 6.3.11

## Editing Priority for a Talkgroup

The Priority Monitor feature allows the radio to automatically receive transmission from the talkgroup with higher priority when it is in another call. A tone sounds when the radio switches to the call with higher priority.

There are two levels of priority for the talkgroups: P1 and P2. P1 has higher priority than P2.



**NOTICE:**

If Default Emergency Revert Group ID is configured in MOTOTRBO Connect Plus Option Board CPS, there are three levels of priority for talkgroups: P0, P1, and P2. P0 is the permanent Emergency Revert Group ID and the highest priority. Check with your dealer or system administrator for more information.

- 1 Press  to access the menu.

---

- 2 Press  or  to Scan and press  to select.

---

- 3 Press  or  to View/Edit List and press  to select.

---

- 4 Press  or  to the required talkgroup and press  to select.

---

- 5 Press  or  to Edit Priority and press  to select.

---

- 6 Press  or  to the required priority level and press  to select.

The display shows positive mini notice before returning to the previous screen. The priority icon appears on the left of the talkgroup.

### 6.3.12

## Contacts Settings



**NOTICE:**

You can add, or edit subscriber IDs for Connect Plus Contacts. Deleting subscriber IDs can only be performed by your dealer.

If the Privacy feature is enabled on a channel, you can make a privacy-enabled voice call on that channel. Only target radios with the same Privacy Key, or the same Key Value and Key ID as your radio are able to unscramble the transmission.

Access to Contact Lists depends on the zone configuration:

- If only one zone is configured in the radio, the Contact List directly displays the list from the current selected zone.
- If multiple zones are configured in the radio, the Zone Contact Folder displays all zones with identical network IDs as the current selected zone. The user can access the contacts in these zones.

Contacts provide “address-book” capabilities on your radio. Each entry corresponds to an alias or ID that you use to initiate a call.

Each zone provides a Contact List with up to 100 contacts. The following contact types are available:

- Private Call
- Group Call
- Multigroup Call
- Site All Call Voice
- Site All Call Text
- Dispatch Call

The Dispatch Call contact type is used to send a text message to a dispatcher PC through a third-party Text Message Server.

### 6.3.12.1

## Making a Private Call from Contacts

1

Press  to access the menu.

---

2

Press ▲ or ▼ to **Contacts** and press  to select.

The entries are alphabetically sorted.

---

3

Use one of the steps described next to select the required subscriber alias:

- Select the subscriber alias directly.
  - Press ▲ or ▼ to the required subscriber alias or ID.
- Use the **Manual Dial** menu.
  - Press ▲ or ▼ to **Manual Dial** and press  to select.
  - If there was previously dialed subscriber alias or ID, the alias or ID appears along with a

blinking cursor. Use the keypad to edit/enter the ID. Press  to select.

- 
- 4 Hold the radio vertically 1 to 2 inches (2.5 to 5.0 cm) from your mouth.
- 

- 5 Press the **PTT** button to make the call.  
The LED lights up solid green. The display shows the destination alias.
- 

- 6 Wait for the Talk Permit Tone to finish (if enabled), and speak clearly into the microphone.
- 

- 7 Release the **PTT** button to listen.  
When the target radio responds, the LED blinks green and the display shows the transmitting user's ID.

If there is no voice activity for a predetermined period of time, the call ends.

You hear a short tone. The display shows `Call Ended`.

---

### 6.3.12.2

## Making a Call Alias Search

You can also use alias or alphanumeric search to retrieve the required subscriber alias.

This feature is only applicable while in Contacts.

- 
- 1 Press  to access the menu.
- 

- 2 Press  or  to `Contacts` and press  to select.

The entries are alphabetically sorted.

---

- 3 Key in the first character of the required alias, and then press the  or  button to locate the required alias.
- 

- 4 Hold the radio vertically 1 to 2 inches (2.5 to 5.0 cm) from your mouth.
-

- 5 Press the **PTT** button to make the call.

The LED lights up solid green. The display shows the destination alias.

---

- 6 Wait for the Talk Permit Tone to finish (if enabled), and speak clearly into the microphone.
- 

- 7 Release the **PTT** button to listen.

When the target radio responds, the LED blinks green.

If there is no voice activity for a predetermined period of time, the call ends.

The display shows `Call Ended`.

---

### 6.3.12.3

## Adding a New Contact

- 1 Press  to access the menu.
- 

- 2 Press  or  to `Contacts` and press  to select.
- 

- 3 Press  or  to `New Contact` and press  to select.
- 

- 4 Use the keypad to enter the contact number and press  to confirm.
- 

- 5 Use the keypad to enter the contact name and press  to confirm.
- 

- 6 If adding a Radio Contact, press  or  to the required ringer type and press  to select.

The radio sounds a positive indicator tone and the display shows `Contact Saved`.

---

### 6.3.13

## Call Indicator Settings

This feature allows the radio users to configure call or text message ringing tones.

## 6.3.13.1

## Activating and Deactivating Call Ringers for Call Alert

You can select, or turn on or off ringing tones for a received Call Alert.

- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities and press  to select.

---

- 3 Press  or  to Radio Settings and press  to select.

---

- 4 Press  or  to Tones/Alert and press  to select.

---

- 5 Press  or  to Call Ringers and press  to select.

---

6

Press  or  to Call Alert and press  to select.

The current tone is indicated by a .

7

Press  or  to the required tone and press  to select.

 appears beside selected tone.

## 6.3.13.2

## Activating and Deactivating Call Ringers for Private Calls

You can turn on or off the ringing tones for a received Private Call.

1

Press  to access the menu.

2

Press  or  to Utilities and press  to select.

3 Press ▲ or ▼ to Radio Settings and press  to select.

---

4 Press ▲ or ▼ to Tones/Alerts and press  to select.

---

5 Press ▲ or ▼ to Call Ringers and press  to select.

---

6 Press ▲ or ▼ to Private Call and press  to select.

---

### 6.3.13.3

## Activating and Deactivating Call Ringers for Text Message

You can turn on or off the ringing tones for a received Text Message.

1 Press  to access the menu.

---

2 Press ▲ or ▼ to Utilities and press  to select.

---

3 Press ▲ or ▼ to Radio Settings and press  to select.

---

4 Press ▲ or ▼ to Tones/Alerts and press  to select.

---

5 Press ▲ or ▼ to Call Ringers and press  to select.

---

6 Press ▲ or ▼ to Text Message and press  to select.

The current tone is indicated by a ✓.

---

7 Press ▲ or ▼ to the required tone and press  to select.

✓ appears beside selected tone.

---

## 6.3.13.4

## Selecting a Ring Alert Type

**NOTICE:**

The programmed **Ring Alert Type** button is assigned by your dealer or system administrator. Check with your dealer or system administrator to determine how your radio has been programmed.

You can program the radio calls to one predetermined vibrate call. If All Tones status is disabled, the radio displays the All Tone Mute icon. If All Tones status is enabled, the related ring alert type is displayed.

The radio vibrates once if it is a momentary ring style. The radio vibrates repetitively if it is a repetitive ring style. When set to Ring and Vibrate, the radio sounds a specific ring tone if there is any incoming radio transaction (for example, Call Alert or Message). It sounds like a positive indicator tone or missed call.

For radios with batteries that support the vibrate feature and are attached to a vibrating belt clip, the available Ring Alert Type options are Silent, Ring, Vibrate, and Ring and Vibrate.

For radios with batteries that do not support the vibrate feature and are not attached to a vibrating belt clip, Ring

Alert Type is automatically set to Ring. The available Ring Alert Type options are Silent and Ring.

You can select a Ring Alert Type by performing one of the following actions.

- Press the programmed **Ring Alert Type** button to access the Ring Alert Type menu.
  - a. Press  or  to Ring, Vibrate, Ring & Vibrate or Silent and press  to select.
- Access this feature through the menu.
  - a. Press  to access the menu.
  - b. Press  or  to Utilities and press  to select.
  - c. Press  or  to Radio Settings and press  to select.
  - d. Press  or  to Tones/Alerts and press  to select.



e. Press ▲ or ▼ to Ring Alert Type and press



to select.

f. Press ▲ or ▼ to Ring, Vibrate, Ring &

Vibrate or Silent and press  to select.

a. Press ▲ or ▼ to Short, Medium, or Long and



press to select.

- Access this feature via the menu.



a. Press to access the menu.

b. Press ▲ or ▼ to Utilities and press  to select.

c. Press ▲ or ▼ to Radio Settings and press  to select.

d. Press ▲ or ▼ to Tones/Alerts and press  to select.

e. Press ▲ or ▼ to Vibrate Style and press  to select.

f. Press ▲ or ▼ to Short, Medium, or Long and press  to select.

### 6.3.13.5

## Configuring Vibrate Style



#### NOTICE:

The programmed **Vibrate Style** button is assigned by your dealer or system administrator. Check with your dealer or system administrator to determine how your radio has been programmed.

Vibrate Style is enabled when the Vibrating Belt Clip is attached to the radio with a battery that supports the vibrate feature.

You can configure the vibrate style by performing one of the following actions.

- Press the programmed **Vibrate Style** button to access the Vibrate Style menu.

## 6.3.13.6

## Escalating Alarm Tone Volume

You can program your radio to continually alert you when a radio call remains unanswered. This is done by automatically increasing the alarm tone volume over time. This feature is known as Escalart.

## 6.3.14

## Call Log

Your radio keeps track of all recent outgoing, answered, and missed Private Calls. Use the call log feature to view and manage recent calls.

You can perform the following tasks in each of your call lists:

- Delete
- View Details

## 6.3.14.1

## Viewing Recent Calls

The lists are Missed, Answered, and Outgoing.

1

Press  to access the menu.

---

2

Press  or  to Call Log and press  to select.

---

3

Press  or  to preferred list and press  to select.

The display shows the most recent entry at the top of the list.

---

4

Press  or  to view the list.

Press the **PTT** button to start a Private Call with the current selected alias or ID.

---

## 6.3.14.2

## Deleting a Call from a Call List

- 1 Press  to access the menu.

---

- 2 Press  or  to Call Log and press  to select.

---

- 3 Press  or  to the required list and press  to select.  
  
When you select a call list and it contains no entries, the display shows List Empty, and sounds a low tone if Keypad Tones are turned on.

---

- 4 Press  or  to the required alias or ID and press  to select.

---

- 5 Press  or  to Delete and press  to select.

---

- 6 Do one of the following:

- Press  to select Yes to delete the entry. The display shows Entry Deleted.
- Press  or  to No, and press the  button to return to the previous screen.

## 6.3.14.3

## Viewing Details from a Call List

- 1 Press  to access the menu.

---

- 2 Press  or  to Call Log and press  to select.

---

- 3 Press  or  to the required list and press  to select.

---

- 4 Press  or  to the required alias or ID and press  to select.

---

5

Press ▲ or ▼ to View Details and press  to select.

Display shows details of call list.

---

### 6.3.15

## Call Alert Operation

Call Alert paging enables you to alert a specific radio user to call you back when they are able to do so.

This feature is accessible through the menu by using Contacts, manual dial or a programmed **One Touch Access** button.

### 6.3.15.1

## Responding to Call Alerts

When you receive a Call Alert:

- A repetitive tone sounds.
- The yellow LED blinks.

- The display shows the notification list listing a Call Alert with the alias or ID of the calling radio.

Depending on the configuration by your dealer or system administrator, you can respond to a Call Alert by doing one of the following:

- Press the **PTT** button and respond with a Private Call directly to the caller.
  - Press the **PTT** button to continue normal talkgroup communication.  
The Call Alert is moved to the Missed Call option at the Call Log menu. You can respond to the caller from the Missed Called log.
- 

See [Notification List on page 202](#) and [Call Log Features on page 149](#) for more information.

### 6.3.15.2

## Making a Call Alert from the Contact List

1

Press  to access the menu.

---

2 Press ▲ or ▼ to **Contacts** and press  to select.

---

- 3 Use one of the steps described next to select the required subscriber alias or ID:
- select the subscriber alias directly
    - Press ▲ or ▼ to the required subscriber alias and press  to select.
  - use the **Manual Dial** menu
    - Press ▲ or ▼ to **Manual Dial** and press  to select.
    - The **Manual Dial** text entry screen shall be displayed. Enter the Subscriber ID and press .
- 

4 Press ▲ or ▼ to **Call Alert** and press  to select.

The display shows **Call Alert: <Subscriber Alias or ID>Call Alert** and the subscriber alias or ID, indicating that the Call Alert has been sent.

The LED lights up solid green when your radio is sending the Call Alert.

If the Call Alert acknowledgement is received, the display shows **Call Alert Successful**.

If the Call Alert acknowledgement is not received, the display shows **Call Alert Failed**.

---

### 6.3.15.3

## Making a Call Alert with the One Touch Access Button

Press the programmed **One Touch Access** button to make a Call Alert to the predefined alias.

The display shows **Call Alert** and the subscriber alias or ID, indicating that the Call Alert has been sent.

The LED lights up solid green when your radio is sending the Call Alert.

If the Call Alert acknowledgement is received, the display shows `Call Alert Successful`.

If the Call Alert acknowledgement is not received, the display shows `Call Alert Failed`.

---

### 6.3.16

## Mute Mode

Mute Mode provides an option to silence all audio indicators on your radio.

When Mute Mode is initiated, all audio indicators are muted except higher priority features such as emergency operations.

When Mute Mode is exited, your radio resumes playing ongoing tones and audio transmissions.



#### **IMPORTANT:**

You can only enable either Face Down or Man Down one at a time. Both features cannot be enabled together.

This feature is applicable to DGP 5550e/DGP 8550e, DGP 5050e/DGP 8050e only.

### 6.3.16.1

## Turning On Mute Mode

Follow the procedure to turn on Mute Mode.

Do one of the following:

- Access this feature by using the programmed **Mute Mode** button.
- Access this feature by placing the radio in a face-down position momentarily.

Depending on radio model, the Face Down feature can be enabled either through the radio menu or by your system administrator. Check with your dealer or system administrator for more information.



#### **IMPORTANT:**

User can only enable either Man Down or Face Down at a time. Both features cannot be enabled together.



#### **NOTICE:**

Face Down feature is applicable to DGP 5550e/DGP 8550e only.

---

The following occurs when Mute mode is enabled:

- Positive Indicator Tone sounds.

- Display shows Mute Mode On.
- The red LED light starts blinking and remains blinking until Mute Mode is exited.
- Display shows **Mute Mode** icon on home screen.
- Radio is muted.
- Mute Mode Timer begins counting down the duration that is configured.

#### 6.3.16.2

### Setting Mute Mode Timer

Mute Mode feature can be enabled for a pre-configured amount of time by setting the Mute Mode Timer. The timer duration is configured in the radio menu and can range between 0.5–6 hours. Mute Mode is exited once the timer expires.

If the timer is left at 0, the radio remains in Mute mode for an indefinite period until the radio is moved to a face-up position or the programmed **Mute Mode** button is pressed.



#### NOTICE:

Face Down feature is applicable to DGP 5550e/DGP 8550e only.

1

Press  to access the menu.

2

Press  or  to Utilities. Press  to select.

3

Press  or  to Radio Settings. Press  to select.

4

Press  or  to Mute Timer. Press  to select.

5

Press  or  to edit the numeric value of each digit, and press .

## 6.3.16.3

## Exiting Mute Mode

This feature can be exited automatically once the Mute Mode Timer expires.

Do one of the following to exit Mute mode manually:

- Press the programmed **Mute Mode** button.
- Press the **PTT** button on any entry.
- Place the radio in a face-up position momentarily.



### NOTICE:

Face Down feature is applicable to DGP 5550e/DGP 8550e only.

The following occurs when Mute mode is disabled:

- Negative Indicator Tone sounds.
- Display shows `Mute Mode Off`.
- The blinking red LED turns off.
- **Mute Mode** icon disappears from home screen.
- Your radio unmutes and speaker state is restored.

- If the timer has not expired, Mute mode timer is stopped.



### NOTICE:

Mute Mode is also exited if the user transmits voice or switches to an unprogrammed channel.

## 6.3.17

## Emergency Operation



### NOTICE:

If your radio is programmed for Silent or Silent with Voice emergency initiation, in most cases it automatically exits silent operation after the Emergency Call or Emergency Alert is finished. The exception to this rule is when Emergency Alert is the configured Emergency Mode and Silent is the configured Emergency Type. If your radio is programmed in this manner, the silent operation continues until you cancel silent operation by pressing **PTT** or the button configured for Emergency Off.

Emergency voice calls and Emergency Alerts are not supported when operating in Connect Plus Auto Fallback mode. For more information see the [Auto Fallback on page 266](#).



An Emergency Alert is used to indicate a critical situation. You can initiate an Emergency at any time on any screen display, even when there is activity on the current channel. Pressing the **Emergency** button initiates the programmed Emergency mode. The programmed Emergency mode may also be initiated by triggering the optional Man Down feature. The Emergency feature may be disabled in your radio.

Your dealer can set the duration of a button press for the programmed **Emergency** button, except for long press, which is similar with all other buttons:

#### Short press

Between 0.05 seconds and 0.75 seconds.

#### Long press

Between 1.00 second and 3.75 seconds.

The **Emergency** button is assigned with the Emergency On/Off feature. Check with your dealer for the assigned operation of the **Emergency** button.

- If the short press for the **Emergency** button is assigned to turn on the Emergency mode, then the long press for the **Emergency** button is assigned to exit the Emergency mode.
- If the long press for the **Emergency** button is assigned to turn on the Emergency mode, then the short press for

the **Emergency** button is assigned to exit the Emergency mode.

When your radio is selected to a Connect Plus zone, it supports three Emergency modes:

#### Emergency Call

You must press the **PTT** button to talk on the assigned emergency time slot.

#### Emergency Call with Voice to Follow

For the first transmission on the assigned emergency time slot, the microphone is automatically unmuted and you may talk without pressing the **PTT** button. The microphone stays “hot” in this fashion for a time period programmed into the radio. For subsequent transmissions in the same Emergency call, you must press the **PTT** button.

#### Emergency Alert

An Emergency Alert is not a voice call. It is an emergency notification that is sent to radios that are configured to receive these alerts. The radio sends an emergency alert by using the control channel of the currently registered site. The Emergency Alert is received by radios in the Connect Plus network that are programmed to receive them (no matter which network site they are registered to).

Only one of the Emergency Modes can be assigned to the Emergency button per zone. In addition, each Emergency mode has the following types:

### **Regular**

Radio initiates an Emergency and shows audio and/or visual indicators.

### **Silent**

Radio initiates an Emergency without any audio or visual indicators. The radio suppresses all audio or visual indications of the Emergency until you press the **PTT** button to start a voice transmission.

### **Silent with Voice**

The same as Silent operation, except that the radio also unmutes for some voice transmissions.

additional information is the name of the zone that contains the Group Contact.

At the present time, the radio displays only the most recently decoded Emergency. If a new Emergency is received before the prior Emergency is cleared, the details for the new Emergency replace the details of the previous Emergency.

Depending on how your radio has been programmed, the Emergency Details screen (or Alarm List screen) will stay on your radio display even after the Emergency ends. You can save the emergency details to the Alarm List, or you can delete the emergency details as described in the following sections.

#### 6.3.17.1

### **Receiving an Incoming Emergency**

Your radio may be programmed to sound an alert tone and also display information about the incoming Emergency. If so programmed, upon receiving the incoming Emergency, the display shows the Emergency Details screen with the emergency icon, the Alias or ID of the radio that requested the Emergency, the Group Contact being used for the Emergency, and one additional line of information. The

## 6.3.17.2

## Saving the Emergency Details to the Alarm List

Saving the emergency details to the Alarm List allows you to view the details again at a later time by selecting Alarm List from the Main Menu.

- 1 While the Emergency Details (or Alarm List) screen is displayed, press . The **Exit Alarm List** screen displays.

- 2 Perform one of the following actions:

- Select **Yes** and press  to save the emergency details to the Alarm List, and to exit the Emergency Details (or Alarm List) screen.
- Select **No** and press  to return to the Emergency Details (or Alarm List) screen.

## Deleting the Emergency Details

- 1 While the Emergency Details screen is displayed, press . The **Delete** screen displays.

- 2 Perform one of the following actions:

- Select **Yes** and press  to delete the emergency details.
- Select **No** and press  to return to the Emergency Details screen.

## 6.3.17.3

## 6.3.17.4

## Responding to an Emergency Call


**NOTICE:**

If you do not respond to the Emergency Call within the time allotted for the Emergency Call Hang Time, the Emergency call will end. If you want to speak to the group after the Emergency Call Hang Time expires, you must first select the channel position assigned to the group (if not already selected). Then, press **PTT** to start a non-Emergency Call to the group.

- 1 When receiving an Emergency Call, press any button to stop all Emergency Call received indications.
- 
- 2 Press the **PTT** button to initiate a voice transmission on the Emergency group.  
All radios that are monitoring this group hear your transmission.
- 
- 3 Wait for the Talk Permit Tone to finish (if enabled) and speak clearly into the microphone.  
The LED lights up green.
- 

- 4 Release the **PTT** button to listen.

When the emergency initiating radio responds, the LED blinks green. You see the Group Call icon, the group ID, and transmitting radio ID on your display.

## 6.3.17.5

## Responding to an Emergency Alert


**NOTICE:**

The Group contact used for the Emergency Alert should not be used for voice communication. This could prevent other radios from sending and receiving Emergency Alerts on the same group.

An Emergency Alert from a radio indicates that the user is in an urgent situation. You may respond to the alert by initiating a private call to the radio who declared the emergency, initiating a group call to a designated talk group, sending the radio a Call Alert, initiating a Remote Monitor of that radio, etc. The proper response is determined by your organization and the individual situation.

## 6.3.17.6

## Ignore Emergency Revert Call

This feature enhancement provides an option for your radio to disregard an active Emergency Revert Call.

To enable Ignore Emergency Revert Call, your radio must be configured through the Connect Plus Customer Programming Software (CPCPS).

When the feature is enabled, the radio does not display Emergency Call indications and does not receive any audio on the default Emergency Revert Group ID.

Contact with your dealer for more information.

## 6.3.17.7

## Initiating an Emergency Call



### NOTICE:

If your radio is set to Silent, it does not display any audio or visual indicators during Emergency mode until you press the **PTT** button to initiate a voice transmission.

If your radio is set to Silent with Voice, it does not initially display any audio or visual indicators that the radio is in Emergency mode. However, your radio unmutes for the transmissions of radios responding to your emergency. The emergency indicators only appear once you press the **PTT** button to initiate a voice transmission from your radio.

For both “Silent” and “Silent with Voice” operation, the radio automatically exits silent operation after the Emergency Call is finished.

- 1 Press the programmed **Emergency** button.

---

- 2 Press the **PTT** button to initiate a voice transmission on the Emergency group.

When you release the **PTT** button, the Emergency call continues for the time allotted for the Emergency Call Hang Time.

If you press the **PTT** button during this time, the Emergency call continues.

---

#### 6.3.17.8

### Initiating an Emergency Call with Voice to Follow

Your radio must be programmed for this type of operation.

When enabled for this operation, when you press the programmed **Emergency** button, and when your radio receives the time slot assignment, the microphone is automatically activated without pressing the **PTT** button. This activated microphone state is also known as "hot mic". The "hot mic" applies to the first voice transmission from your radio during the Emergency call. For subsequent transmissions in the same Emergency call, you must press the **PTT** button.

- 1 Press the programmed **Emergency** button.
  - 2 The microphone remains active for the "hot mic" time specified in your radio codeplug programming.  
During this time, the LED lights up green.
- 

- 3 Press and hold the **PTT** button to talk longer than the programmed duration.
- 

#### 6.3.17.9

### Initiating an Emergency Alert



#### NOTICE:

If your radio is programmed for "Silent" or "Silent with Voice", it will not provide any audio or visual indications that it is sending an Emergency Alert. If programmed for "Silent", the silent operation continues indefinitely until you press PTT or the button configured for "Emergency Off". If programmed for "Silent with Voice", the radio automatically cancels silent operation when the site controller broadcasts the Emergency Alert.

Press the orange **Emergency** button.

Upon transmitting the Emergency Alert to the site controller, the radio display shows the Emergency icon, the Group contact used for the Emergency Alert, and TX Alarm.

---

Once the Emergency Alert is successfully sent and is being broadcast for other radios to hear, a positive indicator tone

sounds and the radio displays **Alarm Sent**. If the Emergency Alert is unsuccessful, a negative indicator tone sounds and the radio displays **Alarm Failed**.

#### 6.3.17.10

### Exiting Emergency Mode



#### NOTICE:

If the Emergency call ends due to the expiration of the Emergency Hang Time, but the emergency condition is not over, press the **Emergency** button again to restart the process.

If you initiate an Emergency Alert by pressing the programmed **Emergency** button, your radio automatically exits Emergency mode after receiving a response from the Connect Plus system.

If you initiate an Emergency call by pressing the programmed **Emergency** button, your radio will be assigned a channel automatically when one becomes available. Once your radio has transmitted a message indicating the emergency, you cannot cancel your Emergency call. However, if you pressed the button by accident or the emergency no longer exists, you may wish to say this over the assigned channel. When you release the **PTT** button, the Emergency call is discontinued after the Emergency Call Hang Time expires.

If your radio was configured for Emergency with Voice to Follow, use the “hot mic” period to explain your error, then press and release the **PTT** button to discontinue the transmission. The Emergency call is discontinued after the Emergency Call Hang Time expires.

#### 6.3.18

### Man Down Alarms



#### NOTICE:

This feature is applicable to DGP 5550e/DGP 8550e only.

Man Down Alarms are not supported when operating in Fallback mode. For more information see the [Auto Fallback on page 266](#).

This section describes the Connect Plus Man Down Feature. This is a purchasable feature that may or may not apply to your radio.

Your Connect Plus portable radio can be enabled and programmed for one or more of the Man Down Alarms. Your dealer or radio system administrator can tell you whether or not this applies to your radio and which specific Man Down Alarms have been enabled and programmed.

If your radio has been programmed for one or more of the following Man Down Alarms, it is important for you to

understand how the Alarm works, what indication (tones) your radio provides, and the action you should take.

The purpose of the Man Down Alarms is to alert others when you might be in danger. This is accomplished by programming your radio to detect a certain angle of tilt, lack of movement, or movement, depending on which Man Down Alarm(s) is/are enabled. If your radio detects a disallowed movement type, and if the condition is not corrected in a certain period of time, the radio starts to play an Alert Tone (if so programmed). At this point you should immediately take one or more of the corrective actions discussed below, depending on which Man Down Alarm(s) has/have been enabled for your radio. If you do not take corrective action within a certain period of time, your radio automatically starts an Emergency (either an Emergency Call or Emergency Alert).

- **Tilt Alarm** – When your radio is tilted at or beyond a specified angle for a period of time, it plays an Alert Tone (if so programmed). To prevent the radio from automatically starting an Emergency Call or Emergency Alert, restore the radio to the vertical position immediately.
- **Anti-Movement Alarm** – When your radio is motionless for a period of time, it plays an Alert Tone (if so programmed). To prevent the radio from automatically

starting an Emergency Call or Emergency Alert, move the radio immediately.

- **Movement Alarm** – When your radio is in motion for a period of time, it plays an Alert Tone (if so programmed). To prevent the radio from automatically starting an Emergency Call or Emergency Alert, stop the radio's motion immediately.

Your dealer or radio system administrator can tell you which of the above alarms (if any) has been enabled through radio programming. It is possible to enable both the Tilt and Anti- Movement Alarms. In that case, the Alert Tone plays when the radio detects the first movement violation.

Instead of taking the corrective actions discussed above, you can also prevent the radio from starting the Emergency call or Emergency Alert by using a programmable button, if your radio has been configured in this manner. This is discussed in the next two sections.



## 6.3.18.1

## Turning Man Down Alarms On and Off

**NOTICE:**

The programmed **Man Down** button and Man Down settings are configured using CPS. Check with your dealer or system administrator to determine how your radio has been programmed.

If you enable Man Down to maximum sensitivity and set Vibrate Style to high, the radio automatically restricts Vibrate Style to medium. This function prevents high Vibrate Style from initiating the Man Down emergency feature.

The procedure for turning the Man Down Alarms On and Off depends on how your radio is programmed. If programmed with a Man Down Alarms On/Off button, use the button to toggle the Man Down Alarms On and Off. This applies to all of the Man Down Alarms enabled for your radio.

When using the programmable button to toggle the Man Down Alarms On, your radio plays a tone that rises in pitch and displays a brief confirmation message.

In order to hear the tones described above when turning the Man Down Alarms On and Off, the MOTOTRBO radio

and Connect Plus Option Board must both be enabled for keypad tones.

If your radio has been programmed so that Man Down Alarms can be turned On and Off using the menu, perform the following procedure.

- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities and press  to select.

---

- 3 Press  or  to Connect Plus and press  to select.

---

- 4 Press  or  to Man Down Alarm and press  to select.

If Man Down Alarm is currently disabled, the **Enable** option is shown.

If Man Down Alarm is currently enabled, the **Disable** option is shown.

- 5 Press ▲ or ▼ to Enable or Disable and press



to select.

### 6.3.18.2

## Resetting the Man Down Alarms

If your radio has been programmed with either a Man Down Alarms Reset button, or the Man Down Alarms menu option, it is possible to reset the Man Down Alarms without turning them On or Off. This stops any Man Down Alert Tone that is currently playing, and it also resets the Alarm timers. However, it is still necessary to correct the movement violation by taking the appropriate corrective action described in the Man Down Alarms section. If the movement violation is not corrected within a period of time, the Alert Tone starts playing again.

The procedure for resetting the Man Down Alarms depends on how your radio is programmed. If programmed with a Man Down Alarms Reset button, use the button to Reset the Man Down Alarms. This applies to all of the Man Down Alarms enabled for your radio.

When using the programmable button to reset the Man Down Alarms, the radio shows a brief confirmation message.

If your radio has been programmed so that Man Down Alarms can be Reset via the menu, follow the procedure below.

1

Press to access the menu.

2

Press ▲ or ▼ to Utilities and press to select.

3

Press ▲ or ▼ to Connect Plus and press to select.

4

Press ▲ or ▼ to Man Down Alarm and press to select.

5

Press ▲ or ▼ to Reset and press to select.  
The radio displays a brief confirmation message.

## 6.3.19

## Beacon Feature

The Beacon feature is part of Connect Plus Man Down, a purchasable feature. Your dealer or Radio System Administrator can tell you if the Beacon feature applies to your radio.

If your radio has been enabled and programmed for one or more of the Man Down Alarms, it can also be enabled for the Beacon feature.

If your radio automatically starts an Emergency Call or Emergency Alert due to one of the Man Down Alarms, and if your radio is also enabled for the Beacon feature, the radio starts to periodically emit a high pitched tone approximately once every ten seconds. The interval can vary depending on whether you are talking on your radio. The purpose of the Beacon tone is to help searchers locate you. If your radio has also been enabled for the “Visual Beacon”, the radio’s backlight comes on for a few seconds every time the Beacon tone plays.

You can stop your radio from playing the Beacon tone by using a programmable button, if your radio has been configured in this manner. This is discussed in the next two sections. If your radio does not have the programmable button or menu option, you can stop the Beacon tone by

turning the radio off and then on again, or by changing to a different zone (if your radio has been programmed for more than one zone).

## 6.3.19.1

### Turning Beacon On and Off

The procedure for turning the Beacon On and Off depends on how your radio is programmed. If programmed with a Beacon On/Off button, use the button to toggle the Beacon On and Off.

- When using the programmable button to toggle the Beacon On, your radio plays a tone that rises in pitch and shows a brief confirmation message.
- When using the programmable button to toggle the Beacon Off, your radio plays a tone that falls in pitch and shows a brief confirmation message.

In order to hear the tones described above when turning the Beacon On and Off, the MOTOTRBO radio and Connect Plus Option Board must both be enabled for keypad tones. If your radio has been programmed so that

the Beacon can be turned On and Off via the menu, follow the procedure below.

- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities and press  to select.

---

- 3 Press  or  to Connect Plus and press  to select.

---

- 4 Press  or  to Beacon and press  to select.  
 If Beacon is currently disabled, the Enable option is shown.  
 If Beacon is currently enabled, the Disable option is shown.

---

- 5 Press  or  to Enable or Disable and press

 to select.

The radio shows a brief message to confirm that Man Down Beacon was enabled (or disabled).

---

### 6.3.19.2

## Resetting the Beacon

If your radio has been programmed with either the Beacon Reset button, or the Beacon menu option, it is possible to reset the Beacon. This stops the Beacon Tone (and also the Visual Beacon) without turning the Beacon feature Off. The procedure for resetting the Beacon depends on how your radio is programmed. If programmed with a Beacon Reset button, use the button to Reset the Beacon. When using the programmable button to reset the Man Down Alarms, your radio shows a brief confirmation message. If your radio has been programmed so that the Beacon can be Reset via the menu, follow the procedure below.

- 1 Press  to access the menu.

---

2 Press ▲ or ▼ to Utilities and press  to select.

3 Press ▲ or ▼ to Connect Plus and press  to select.

4 Press ▲ or ▼ to Beacon and press  to select.

5 Press ▲ or ▼ to Reset and press  to select.  
The radio displays a brief confirmation message.

characters, including the subject line. The subject line only appears when you receive messages from e-mail applications.



**NOTICE:**  
The maximum character length is only applicable for models with the latest software and hardware. For radio models with older software and hardware, the maximum length of a text message is 140 characters. Contact your dealer for more information.

6.3.20.1  
**Writing and Sending a Text Message**

1 Access the **Text Message** feature.

| Radio Controls                 | Steps                                            |
|--------------------------------|--------------------------------------------------|
| Programmed Text Message button | Press the programmed <b>Text Message</b> button. |

6.3.20  
**Text Messaging**

Your radio is able to receive data, for example a text message, from another radio or a text message application. There are two types of text messages, Digital Mobile Radio (DMR) Short Text Message and text message. The maximum length of a DMR Short Text Message is 23 characters. The maximum length of a text message is 280

| Radio Controls | Steps                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Menu           | <p><b>a</b> Press  to access the menu.</p> <p><b>b</b> Press  or  to Messages and press  to select.</p> |

- 2** Press  or  to Compose and press  to select.

A blinking cursor appears.

- 3** Use the keypad to type your message.

Press  to move one space to the left. Press  or the  key to move one space to the right. Press the  key to delete any unwanted characters.

Long press  to change text entry method.

- 4** Press  once message is composed.

- 5** If you are sending the message, select the recipient by

- Press  or  to the required alias and press  to select.
- Press  or  to Manual Dial, and press  to select. The first line of the display shows Number:1. The second line of the display shows a blinking cursor. Key in the subscriber alias or ID and press .

The display shows Sending Message, confirming your message is being sent.

If the message is sent successfully, a tone sounds and the display shows Message Sent.

If the message cannot be sent, a low tone sounds and the display shows Message Send Failed.

If the text message fails to send, the radio returns you to the Resend option screen (see [Managing Fail-to-Send Text Messages on page 310](#)).

## 6.3.20.2

## Sending a Quick Text Message

Your radio supports a maximum of 10 Quick Text messages as programmed by your dealer.

While Quick Text messages are predefined, you can edit each message before sending it.

If you are sending the message, perform the following to select a recipient:

- Press ▲ or ▼ to the required alias and press



to select.

- Press ▲ or ▼ to Manual Dial, and press



to select. The first line of the display shows Number:1. The second line of the display shows a blinking cursor. Key in the subscriber alias or ID

and press .

The display shows Sending Message, confirming your message is being sent.

If the message is sent successfully, a tone sounds and the display shows Message Sent.

If the message cannot be sent, a low tone sounds and the display shows Message Send Failed.

If the text message fails to send, the radio returns you to the Resend option screen (see [Managing Fail-to-Send Text Messages on page 310](#)).

## 6.3.20.3

## Sending Quick Text Messages with the One Touch Access Button

To send a predefined Quick Text message to a predefined alias, press the programmed **One Touch Access** button.

The display shows Sending Message.

If message is successfully sent, your radio shows the following indications:

- A positive tone sounds.
- The display shows Message Sent.

If message fails to be sent, your radio shows the following indications:

- A negative tone sounds.

- The display shows **Message Send Failed**.

If the text message fails to send, the radio returns you to the **Resend** option screen.

See [Managing Fail-to-Send Text Messages on page 310](#).

#### 6.3.20.4

### Accessing the Drafts Folder

You can save a text message to send it at a later time.

If a **PTT** button press or a mode change causes the radio to exit the text message writing/editing screen while you are in the process of writing or editing a text message, your current text message is automatically saved to the Drafts folder.

The most recent saved text message is always added to the top of the Drafts list.

The Drafts folder stores a maximum of ten (10) last saved messages. When the folder is full, the next saved text message automatically replaces the oldest text message in the folder.



#### NOTICE:

Long press  at any time to return to the Home screen.

#### 6.3.20.4.1

### Viewing a Saved Text Message

- Access the **Text Message** feature.

| Radio Controls                        | Steps                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Programmed Text Message button</b> | Press the programmed <b>Text Message</b> button.                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Menu</b>                           | <ol style="list-style-type: none"> <li>Press  to access the menu.</li> <li>Press  or  to Messages and press  to select.</li> </ol> |

- 
- 

Press  or  to Drafts and press  to select.



- 3 Press ▲ or ▼ to the required message and press  to select.
- 

#### 6.3.20.4.2

### Editing and Sending a Saved Text Message

- 1 Press  again while viewing the message.
- 
- 2 Press ▲ or ▼ to Edit and press  to select. A blinking cursor appears.
- 
- 3 Use the keypad to type your message.
- Press ◀ to move one space to the left. Press ▶ or the  key to move one space to the right. Press the  key to delete any unwanted characters. Long press  to change text entry method.
- 

- 4 Press  once message is composed.
- 

- 5 Select the message recipient by:
- Press ▲ or ▼ to the required alias and press  to select.
  - Press ▲ or ▼ to Manual Dial, and press  to select. The first line of the display shows Number: . The second line of the display shows a blinking cursor. Key in the subscriber alias or ID and press .

The display shows Sending Message, confirming your message is being sent.

If the message is sent successfully, a tone sounds and the display shows Message Sent.

If the message cannot be sent, a low tone sounds and the display shows Message Send Failed.

If the text message cannot be sent, it is moved to the Sent Items folder and marked with a Send Failed icon.

6.3.20.4.3

Deleting a Saved Text Message from Drafts

1 Access the **Text Message** feature.

| Radio Controls                 | Steps                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Programmed Text Message button | Press the programmed <b>Text Message</b> button.                                                                                                                                                                                                                                                                                                                                                                                      |
| Menu                           | <div>a Press  to access the menu.</div> <div>b Press  or  to Messages and press  to select.</div> |

2

Press  or  to **Drafts** and press  to select.

3

Press  or  to the required message and press  to select.

4

Press  or  to **Delete** and press  to delete the text message.

6.3.20.5

Managing Fail-to-Send Text Messages

You can select one of the following options while at the **Resend** option screen:

- Resend
- Forward
- Edit

6.3.20.5.1

# Resending a Text Message

Press  to resend the same message to the same subscriber/group alias or ID.

If the message is sent successfully, a tone sounds and the display shows the positive mini notice.

If the message cannot be sent, the display shows the negative mini notice.

- Press ▲ or ▼ to the required alias or ID and press  to select.
- Press ▲ or ▼ to Manual Dial, and press  to select. The first line of the display shows Number: . The second line of the display shows a blinking cursor. Key in the subscriber alias or ID and press  .

6.3.20.5.2

# Forwarding a Text Message

Select Forward to send the message to another subscriber/group alias or ID.

- 1 Press ▲ or ▼ to Forward and press  to select.
- 2 Do the following to select the message recipient:

The display shows Sending Message, confirming your message is being sent.

If the message is sent successfully, a tone sounds and the display shows Message Sent.

If the message cannot be sent, a low tone sounds and the display shows Message Send Failed.

## 6.3.20.5.3

## Editing a Text Message

Select **Edit** to edit the message before sending it.

- 1 Press  or  to **Edit** and press  to select.  
A blinking cursor appears.

- 2 Use the keypad to edit your message.

Press  to move one space to the left. Press  or the  key to move one space to the right. Press the  key to delete any unwanted characters.  
Long press  to change text entry method.

- 3 Press  once message is composed.
- 4 Depending on whether you want to send, save, re-edit, or delete the newly composed message, do one of the following.

- Press  or  to **Send**, and press  to send the message.
- Press  or  to **Save**, and press  to save the message to the Drafts folder.
- Press  to edit the message.
- Press  again to choose between deleting the message or saving it to the Drafts folder.

- 5 If you are sending the message, select the recipient by

- Press  or  to the required alias or ID and press  to select.
- Press  or  to **Manual Dial**, and press  to select. The first line of the display shows **Number:**. The second line of the display shows a

blinking cursor. Key in the subscriber alias or ID and press .

The display shows `Sending Message`, confirming your message is being sent.

If the message is sent successfully, a tone sounds and the display shows `Message Sent`.

If the message cannot be sent, a low tone sounds and the display shows `Message Send Failed`.



**NOTICE:**

Long press  at any time to return to the Home screen.

6.3.20.6.1  
**Viewing a Sent Text Message**

- 1 Access the **Text Message** feature.

| Radio Controls Steps           |                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Programmed Text Message button | Press the programmed <b>Text Message</b> button.                                                                                                                                                                                                                                                                                                                                                                                      |
| Menu                           | <p>a Press  to access the menu.</p> <p>b Press  or  to Messages and press  to select.</p> |

6.3.20.6  
**Managing Sent Text Messages**

Once a message is sent to another radio, it is saved in Sent Items. The most recent sent text message is always added to the top of the Sent Items list.

The Sent Items folder is capable of storing a maximum of 30 last sent messages. When the folder is full, the next sent text message automatically replaces the oldest text message in the folder.

- 2 Press ▲ or ▼ to Sent Items and press  to select.

- 3 Press ▲ or ▼ to the required message and press  to select.

The icon at the top right corner of the screen indicates the status of the message (see [Sent Item Icons on page 244](#)).

#### 6.3.20.6.2

### Sending a Sent Text Message

You can select one of the following options while viewing a sent text message:

- Resend
- Forward
- Edit
- Delete

- 1 Press  again while viewing the message.

- 2 ▲ or ▼ to one of the following options and press  to select.

| Option         | Steps                                                                                                                                                                                                                 |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Forward</b> | Select Forward to send the selected text message to another subscriber/group alias or ID (see <a href="#">Forwarding a Text Message on page 311</a> ).                                                                |
| <b>Edit</b>    | Select Edit to edit the selected text message before sending it (see <a href="#">Editing a Text Message on page 312</a> ).                                                                                            |
| <b>Delete</b>  | Select Delete to delete the text message.                                                                                                                                                                             |
| <b>Resend</b>  | <p>Select Resend to resend the selected text message to the same subscriber/group alias or ID.</p> <p>The display shows Sending Message, confirming that the same message is being sent to the same target radio.</p> |

| Option | Steps                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        | <p>If the message is sent successfully, a tone sounds and the display shows <b>Message Sent</b>.</p> <p>If the message cannot be sent, a low tone sounds and the display shows <b>Message Send Failed</b>.</p> <p>If the message fails to send, the radio returns you to the <b>Resend</b> option screen. Press  to resend the message to the same subscriber/group alias or ID.</p> |

If you exit the message sending screen while the message is being sent, the radio updates the status of the message in the Sent Items folder without any audio or visual indication.

If the radio changes mode or powers down before the status of the message in Sent Items is updated, the radio cannot complete any In-Progress messages and automatically marks it with a **Send Failed** icon.

The radio supports a maximum of five In-Progress messages at one time. During this period, the radio cannot send any new message and automatically marks it with a **Send Failed** icon.

#### 6.3.20.6.3

### Deleting All Sent Text Messages from Sent Items

- 1 Access the **Text Message** feature.

| Radio Controls                        | Steps                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Programmed Text Message button</b> | Press the programmed <b>Text Message</b> button.                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Menu</b>                           | <p>a Press  to access the menu.</p> <p>b Press  or  to Messages and press  to select.</p> |

2

Press ▲ or ▼ to **Sent Items** and press  to select.

When you select **Sent Items** and it contains no text messages, the display shows **List Empty**, and sounds a low tone if Keypad Tones are turned on.

---

3

Press ▲ or ▼ to **Delete All** and press  to select.

---

4 Choose one of the following.

- Press ▲ or ▼ to **Yes** and press  to select. The display shows positive mini notice.
  - Press ▲ or ▼ to **No** and press  to return to the previous screen.
- 

## 6.3.20.7

## Receiving a Text Message

When your radio receives a message, the display shows the Notification List with the alias or ID of the sender and the Message icon.

You can select one of the following options when receiving a text message:

- Read
- Read Later
- Delete

## 6.3.20.8

## Reading a Text Message

1

Press ▲ or ▼ to **Read?** and press  to select. Selected message in the Inbox opens.

---

2 Do one of the following:

- Press  to return to the Inbox.



- Press  a second time to reply, forward, or delete the text message.

### 6.3.20.9

## Managing Received Text Messages

Use the Inbox to manage your text messages. The Inbox is capable of storing a maximum of 30 messages.

Text messages in the Inbox are sorted according to the most recently received.

Your radio supports the following options for text messages:

- Reply
- Forward
- Delete
- Delete All



#### NOTICE:

If the channel type is not a match, you can only forward, delete, or delete all Received messages.

Long press  at any time to return to the Home screen.

### 6.3.20.9.1

## Viewing a Text Message from the Inbox

- 1 Press  to access the menu.
- 2 Press  or  to Messages and press  to select.
- 3 Press  or  to Inbox and press  to select.
- 4 Press  or  to view the messages.
- 5 Do one of the following:
  - Press  to select the current message, and press  again to reply, forward, or delete that message.
  - Long press  to return to the Home screen.

## 6.3.20.9.2

## Replying to a Text Message from the Inbox

- 1 Access the **Text Message** feature.

| Radio Controls                 | Steps                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Programmed Text Message button | Press the programmed <b>Text Message</b> button.                                                                                                                                                                                                                                                                                                                                                                              |
| Menu                           | <p>a Press  to access the menu.</p> <p>b Press  or  to Messages and press  to select.</p> |

- 2 Press  or  to Inbox and press  to select.

- 3 Press  or  to the required message and press  to select.

- 4 Press  once more to access the sub-menu.

- 5 Do one of the following:

- Press  or  to Reply and press  to select.
- Press  or  to Quick Reply and press  to select.

A blinking cursor appears.

- 6 Use your keypad to write/edit your message.

- 7 Press  once message is composed.

The display shows Sending Message, confirming your message is being sent.

If the message is sent successfully, a tone sounds and the display shows Message Sent.

If the message cannot be sent, a low tone sounds and the display shows **Message Send Failed**.

If the message cannot be sent, the radio returns you to the **Resend** option screen (see [Managing Fail-to-Send Text Messages on page 310](#)).

6.3.20.9.3

Deleting a Text Message from the Inbox

- 1 Access the **Text Message** feature.

| Radio Controls                 | Steps                                                                                                         |
|--------------------------------|---------------------------------------------------------------------------------------------------------------|
| Programmed Text Message button | Press the programmed <b>Text Message</b> button.                                                              |
| Menu                           | a Press  to access the menu. |

| Radio Controls | Steps                                                                                                                                                                                                                                                                                                   |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                | b Press  or  to Messages and press  to select. |

- 2 Press  or  to **Inbox** and press  to select.
- 3 Press  or  to the required message and press  to select.
- 4 Press  once more to access the sub-menu.
- 5 Press  or  to **Delete** and press  to select.
- 6 Press  or  to **Yes** and press  to select.  
The display shows **Message Deleted**, and the screen returns to the **Inbox**.

## 6.3.20.9.4

## Deleting All Text Messages from the Inbox

- 1 Access the **Text Message** feature.

| Radio Controls                        | Steps                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Programmed Text Message button</b> | Press the programmed <b>Text Message</b> button.                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Menu</b>                           | <ol style="list-style-type: none"> <li>a Press  to access the menu.</li> <li>b Press  or  to Messages and press  to select.</li> </ol> |

- 2 Press  or  to **Inbox** and press  to select.

When you select **Inbox** and it contains no text messages, the display shows **List Empty**, and

sounds a low tone if Keypad Tones are turned on (see [Turning Keypad Tones On or Off](#)).

- 3 Press  or  to **Delete All** and press  to select.

- 4 Press  or  to **Yes** and press  to select.  
The display shows **Inbox Cleared**.

## 6.3.21

## Privacy

If enabled, this feature helps to prevent eavesdropping by unauthorized users on a channel by the use of a software-based scrambling solution. The signaling and user identification portions of a transmission are not scrambled.

Your radio must have privacy enabled on the current channel selector position to send a privacy-enabled transmission, although this is not a necessary requirement for receiving a transmission. While on a privacy-enabled channel selector position, the radio is still able to receive clear (unscrambled) transmissions.

Your radio supports Enhanced Privacy.

To unscramble a privacy-enabled call transmission, your radio must be programmed to have the same Key Value and Key ID (for Enhanced Privacy) as the transmitting radio.

If your radio receives a scrambled call that is of a different Key Value and Key ID, you hear nothing at all (Enhanced Privacy).

If the radio has a privacy type assigned, the Home screen shows the Secure or Unsecure icon, except when the radio is sending or receiving an Emergency call or alarm.

The LED lights up solid green while the radio is transmitting and blinks green rapidly when the radio is receiving an ongoing privacy-enabled transmission.

You can access this feature by performing one of the following actions:

- Pressing the programmed **Privacy** button to toggle privacy on or off.
- Using the Radio Menu as described by the steps described next.



#### NOTICE:

Some radio models may not offer this Privacy feature. Check with your dealer or system administrator for more information.

1

Press  to access the menu.

2

Press  or  to Utilities and press  to select.

3

Press  or  to Radio Settings or  or  to Connect Plus and press  to select.

4

Press  or  to Enhanced Privacy.

If the display shows Turn On, press  to enable Privacy. The radio displays a message confirming your selection.

If the display shows Turn Off, press  to disable Privacy. The radio displays a message confirming your selection.

If the radio has a privacy type assigned, the secure or unsecure icon appears on the status bar, except when the radio is sending or receiving an Emergency Alert.

6.3.21.1

Making a Privacy-Enabled (Scrambled) Call

Toggle privacy on using the programmed privacy button or by using the menu. Your radio must have the Privacy feature enabled for the currently selected channel position to send a privacy-enabled transmission. When privacy is enabled for the currently selected channel position, all voice transmissions made by your radio will be scrambled. This includes Group Call, Multigroup Call, talk-back during scanned calls, Site All Call, Emergency Call, and Private Call. Only receiving radios with the same Key Value and Key ID as your radio will be able to unscramble the transmission.

6.3.22

Security

You can enable or disable any radio in the system. For example, you might want to disable a stolen radio, to prevent the thief from using it, and enable that radio, when it is recovered.



**NOTICE:**  
Performing Radio Disable and Enable is limited to radios with these functions enabled. Check with your dealer or system administrator for more information.

6.3.22.1

Radio Disable

- 1 Access this feature by performing one of the following actions:

| Radio Controls       | Steps                                               |
|----------------------|-----------------------------------------------------|
| Radio Disable button | a Press the programmed <b>Radio Disable</b> button. |

| Radio Controls    | Steps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | <p><b>b</b> Press ▲ or ▼ to the required alias or ID and press  to select.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Radio menu</b> | <p><b>a</b> Press  to access the menu.</p> <p><b>b</b> Press ▲ or ▼ to Contacts and press  to select. The entries are alphabetically sorted.</p> <p><b>c</b> Use one of the steps described next to select the required subscriber alias or ID:</p> <ul style="list-style-type: none"> <li>• Select the required alias or ID directly.</li> <li>• Press ▲ or ▼ to the required alias or ID and press  to select.</li> </ul> |

| Radio Controls | Steps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                | <ul style="list-style-type: none"> <li>• Use the Manual Dial menu.             <ul style="list-style-type: none"> <li>• Press ▲ or ▼ to Manual Dial and press  to select.</li> <li>• Press ▲ or ▼ to Radio Number and press  to select.</li> </ul> </li> <li>• The first line of the display shows Radio Number:1. The second line of the display shows a blinking cursor. Use the keypad to enter the subscriber alias or ID and press .</li> </ul> |

| Radio Controls | Steps                                                                                                                                         |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
|                | <p>d Press ▲ or ▼ to Radio Disable and press  to select.</p> |

The display shows Radio Disable: <Target Alias or ID> and the LED blinks green.

## 2 Wait for acknowledgement.

If successful, a positive indicator tone sounds and the display shows Radio Disable Successful.

If not successful, a negative indicator tone sounds and the display shows Radio Disable Failed.

### 6.3.22.2

## Radio Enable

- 1 Access this feature by performing one of the following actions:

| Radio Controls      | Steps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Radio Enable button | <p>a Press the programmed <b>Radio Enable</b> button.</p> <p>b Press ▲ or ▼ to the required alias or ID and press  to select.</p>                                                                                                                                                                                                                                                                              |
| Radio menu          | <p>a Press  to access the menu.</p> <p>b Press ▲ or ▼ to Contacts and press  to select. The entries are alphabetically sorted.</p> <p>c Use one of the steps described next to select the required subscriber alias or ID</p> <ul style="list-style-type: none"> <li>• Select the required alias or ID directly.</li> </ul> |



| Radio Controls | Steps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                | <ul style="list-style-type: none"> <li>• Press ▲ or ▼ to the required alias or ID and press  to select.</li> <li>• Use the Manual Dial menu.</li> <li>• Press ▲ or ▼ to Manual Dial and press  to select.</li> <li>• Press ▲ or ▼ to Radio Number and press  to select.</li> <li>• The first line of the display shows Radio Number:1. The second line of the display shows a blinking cursor. Use the keypad to en-</li> </ul> |

| Radio Controls | Steps                                                                                                                                                                                                                                                                               |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                | <p>ter the subscriber alias or ID and press .</p> <p>d Press ▲ or ▼ to Radio Enable and press  to select.</p> |

The display shows Radio Enable: <Subscriber Alias or ID> and the LED lights up solid green.

## 2 Wait for acknowledgement.

If successful, a positive indicator tone sounds and the display shows Radio Enable Successful.

If not successful, a negative indicator tone sounds and the display shows Radio Enable Failed.

## 6.3.23

## Password Lock Features

If enabled, this feature only allows you access your radio if the correct password is entered upon powering up.

## 6.3.23.1

### Accessing the Radio from Password

- 1 Power up the radio.

The radio sounds a continuous tone.

---

- 2 Do one of the following:

- Enter your current four-digit password with the radio keypad. The display shows **••••**. Press



to proceed.

- Enter your current four-digit password. Press **▲** or **▼** to edit each digit numeric value. Each digit

changes to **•**. Press **▶** to move to next digit.

Press  to confirm your selection.

You hear a positive indicator tone for every digit

entered. Press **◀** to remove each **•** on the display.

The radio sounds a negative indicator tone, if you

press **◀** when the line is empty, or if you press more than four digits.

If the password is correct, the radio proceeds to power up. See [Turning the Radio On on page 50](#).

If the password is incorrect, the display shows **Wrong Password**. Repeat [step 2](#).

After the third incorrect password, the display shows **Wrong Password** and then, shows **Radio Locked**. A tone sounds and the LED double blinks yellow.



#### NOTICE:

The radio is unable to receive any call, including emergency calls, in locked state.

---

## 6.3.23.2

## Turning the Password Lock On or Off

- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities and press  to select.

---

- 3 Press  or  to Radio Settings and press  to select.

---

- 4 Press  or  to Passwd Lock and press  to select.

---

- 5 Enter the four-digit password.  
See [step 2](#) in [Accessing the Radio from Password on page 326](#).

---

6

Press  to proceed.

If the password is incorrect, the display shows Wrong Password, and automatically returns to the previous menu.

---

7

If the password entered in the previous step is

correct, press  to enable/disable password lock.

The display shows  beside Enabled.

The  disappears from beside Enabled.

---

## 6.3.23.3

## Unlocking the Radio from Locked State

- 1 If your radio was powered down after being in the locked state, power up the radio.  
A tone sounds and the LED double blinks yellow.  
The display shows Radio Locked.

---

- 2 Wait for 15 minutes.

Your radio restarts the 15 minutes timer for locked state when you power up.

- 3 Repeat [step 1](#) and [step 2](#) in [Accessing the Radio from Password on page 326](#).

#### 6.3.23.4

### Changing the Password

- 1 Press  to access the menu.
- 2 Press  or  to Utilities and press  to select.
- 3 Press  or  to Radio Settings and press  to select.
- 4 Press  or  to Passwd Lock and press  to select.
- 5 Enter the four-digit password.

See [step 2](#) in [Accessing the Radio from Password on page 326](#).

- 6 Press  to proceed.  
If the password is incorrect, the display shows Wrong Password, and automatically returns to the previous menu.
- 7 If the password entered in the previous step is correct,  or  to Change Pwd and press  to select.
- 8 Enter a new four-digit password.  
See [step 2](#) in [Accessing the Radio from Password on page 326](#).
- 9 Reenter the previously entered four-digit password.  
See [step 2](#) in [Accessing the Radio from Password on page 326](#).

10

Press  to proceed.

If the reentered password matches the new password entered earlier, the display shows `Password Changed`.

If the reentered password does **NOT** match the new password entered earlier, the display shows `Passwords Do Not Match`.

The screen automatically returns to the previous menu.

Bluetooth operates within a range of 10 meters (32 feet) line of sight. This is an unobstructed path between your radio and your Bluetooth-enabled device.

It is not recommended that you leave your radio behind and expect your Bluetooth-enabled device to work with a high degree of reliability when they are separated.

At the fringe areas of reception, both voice and tone quality will start to sound "garbled" or "broken". To correct this problem, simply position your radio and Bluetooth-enabled device closer to each other (within the 10-meter/32 feet defined range) to re-establish clear audio reception. Your radio's Bluetooth function has a maximum power of 2.5 mW (4 dBm) at the 10-meter/32 feet range.

Your radio can support up to 4 simultaneous Bluetooth connections with Bluetooth-enabled devices of unique types. For example, a headset, and a PTT-Only Device (POD).

Refer to your respective Bluetooth-enabled device's user manual for more details on your Bluetooth-enabled device's full capabilities.

#### 6.3.24

### Bluetooth Operation



#### NOTICE:

If disabled via the CPS, all Bluetooth-related features are disabled and the Bluetooth device database is erased.

This feature allows you to use your radio with a Bluetooth-enabled device (accessory) via a wireless Bluetooth connection. Your radio supports both Motorola Solutions and Commercially available Off-The-Shelf (COTS) Bluetooth-enabled devices.

## 6.3.24.1

## Turning Bluetooth On and Off

- 1 Press  to access the menu.

---

- 2 Press  or  to Bluetooth and press  to select.

---

- 3 Press  or  to My Status and press  to select.  
The display shows On and Off. The current status is indicated by a .

---

- 4 Do one of the following:
  - Press  or  to On and press  to select. The display shows On and a  appears left of the selected status.

- Press  or  to Off and press  to select. The display shows Off and a  appears left of the selected status.
- 

## 6.3.24.2

## Finding and Connecting to a Bluetooth Device

Do not turn off your Bluetooth-enabled device or press  during the finding and connecting operation as this cancels the operation.

- 1 Turn on your Bluetooth-enabled device and place it in pairing mode. Refer to respective Bluetooth-enabled device user manual.

---

- 2 On your radio, press  to access the menu.

---

- 3 Press  or  to Bluetooth and press  to select.

---

- 4 Press ▲ or ▼ to **Devices** and press  to select.
- 

- 5 Do one of the following:

- Press ▲ or ▼ to the required device and press  to select.
  - Press ▲ or ▼ to **Find Devices** to locate available devices. Press ▲ or ▼ to the required device and press  to select.
- 

- 6 Press ▲ or ▼ to **Connect** and press  to select.

Display shows **Connecting to <Device>**. Your Bluetooth-enabled device may require additional steps to complete the pairing. Refer to respective Bluetooth-enabled device user manual.

---

If successful, the radio display shows **<Device>Connected**. A tone sounds and ✓ appears

besides the connected device. The Bluetooth Connected icon appears on the status bar.

If unsuccessful, the radio display shows **Connecting Failed**.

### 6.3.24.3

## Finding and Connecting from a Bluetooth Device (Discoverable Mode)

Do not turn off your Bluetooth or your radio during the finding and connecting operation as this may cancel the operation.

- 1 Turn Bluetooth On.

See [Turning Bluetooth On and Off on page 330](#).

---

- 2 Press  to access the menu.
- 

- 3 Press ▲ or ▼ to **Bluetooth** and press  to select.
-

- 4 Press ▲ or ▼ to Find Me and press  to select.

Your radio can now be found by other Bluetooth-enabled devices for a programmed duration. This is called Discoverable Mode.

- 5 Turn on your Bluetooth-enabled device and pair it with your radio.

Refer to respective Bluetooth-enabled device user manual.

- 3 Press ▲ or ▼ to Devices and press  to select.

- 4 Press ▲ or ▼ to the required device and press  to select.

- 5 Press ▲ or ▼ to Disconnect and press  to select.

Display shows Disconnecting from <Device>. Your Bluetooth-enabled device may require additional steps to disconnect. Refer to respective Bluetooth-enabled device user manual.

#### 6.3.24.4

### Disconnecting from a Bluetooth Device

- 1 On your radio, press  to access the menu.

- 2 Press ▲ or ▼ to Bluetooth and press  to select.

The radio display shows <Device> Disconnected. A positive indicator tone sounds and ✓ disappears beside the connected device. The Bluetooth Connected icon disappears on the status bar.



6.3.24.5

# Switching Audio Route between Internal Radio Speaker and Bluetooth Device

You can toggle audio routing between internal radio speaker and external Bluetooth-enabled accessory.

Press the programmed **Bluetooth Audio Switch** button.

- A tone sounds and display shows Route Audio to Radio.
- A tone sounds and display shows Route Audio to Bluetooth.

6.3.24.6

# Viewing Device Details

- 1 Press  to access the menu.

- 2 Press  or  to Bluetooth and press  to select.

- 3 Press  or  to Devices and press  to select.

- 4 Press  or  to the required device and press  to select.

- 5 Press  or  to View Details and press  to select.

6.3.24.7

# Editing Device Name

You can edit the name of available Bluetooth-enabled devices.

- 1 Press  to access the menu.

2 Press ▲ or ▼ to Bluetooth and press  to select.

---

3 Press ▲ or ▼ to Devices and press  to select.

---

4 Press ▲ or ▼ to the required device and press  to select.

---

5 Press ▲ or ▼ to Edit Name and press  to select.

---

6 Press ◀ to move one space to the left. Press ▶ to move one space to the right. Press  to delete any unwanted characters. Long press  to change text entry method.

A blinking cursor appears. Use the keypad to type the required zone.

---

7 The display shows Device Name Saved.

---

### 6.3.24.8

## Deleting Device Name

You can remove a disconnected device from the list of Bluetooth-enabled devices.

1 Press  to access the menu.

---

2 Press ▲ or ▼ to Bluetooth and press  to select.

---

3 Press ▲ or ▼ to Devices and press  to select.

---

4 Press ▲ or ▼ to the required device and press  to select.

---

5 Press ▲ or ▼ to Delete and press  to select.  
The display shows Device Deleted.

---

## 6.3.24.9

## Bluetooth Mic Gain

Allows control of the connected Bluetooth-enabled device microphone gain value.

- 1 Press  to access the menu.

---

- 2 Press  or  to Bluetooth and press  to select.

---

- 3 Press  or  to BT Mic Gain and press  to select.

---

- 4 Press  or  to the BT Mic Gain type and the current values.

---

To edit values, press  to select.

---

- 5 Press  or  to increase or to decrease values and press  to select.

---

## 6.3.24.10

## Permanent Bluetooth Discoverable Mode



### NOTICE:

The Permanent Bluetooth Discoverable Mode can only be enabled by using the MOTOTRBO CPS. If enabled, the Bluetooth item will **not** be displayed in the Menu and you will **not** be able to use any Bluetooth programmable button features.

Other Bluetooth-enabled devices can locate your radio, but the devices cannot connect to the radio. It enables dedicated devices to use your radio position in the process of Bluetooth-based location.

Turn on your Bluetooth-enabled device and pair it with your radio. Refer to the respective user manual of Bluetooth-enabled device.

## 6.3.25

## Indoor Location



### NOTICE:

Indoor Location feature is applicable for models with the latest software and hardware. Check with your dealer or system administrator for more information.

Indoor Location is used to keep track of the location of radio users. When Indoor Location is activated, the radio is in a limited discoverable mode. Dedicated beacons are used to locate the radio and determine its position.

### 6.3.25.1

## Turning Indoor Location On or Off

You can turn on or turn off Indoor Location by performing one of the following actions.

- Access this feature through the menu.
  - a. Press  to access the menu.
  - b. Press  or  to Bluetooth and press  to select.
  - c. Press  or  to Indoor Location and press  to select.
  - d. Press  to turn on Indoor Location.

The display shows Indoor Location On. You hear a positive indicator tone.

One of the following scenarios occurs.

- If successful, the Indoor Location Available icon appears on the Home screen display.
- If unsuccessful, the display shows Turning On Failed. You hear a negative indicator tone.

- e. Press  to turn off Indoor Location.

The display shows Indoor Location Off. You hear a positive indicator tone.

One of the following scenarios occurs.

- If successful, the Indoor Location Available icon disappears on the Home screen display.
- If unsuccessful, the display shows Turning Off Failed. You hear a negative indicator tone.

- Access this feature by using the programmed button.
  - a. Long press the programmed **Indoor Location** button to turn on Indoor Location.

The display shows Indoor Location On. You hear a positive indicator tone.

One of the following scenarios occurs.

- If successful, the Indoor Location Available icon appears on the Home screen display.
- If unsuccessful, the display shows **Turning On Failed**. If unsuccessful, you hear a negative indicator tone.

- b. Press the programmed **Indoor Location** button to turn off Indoor Location.

The display shows **Indoor Location Off**. You hear a positive indicator tone.

One of the following scenarios occurs.

- If successful, the Indoor Location Available icon disappears on the Home screen display.
- If unsuccessful, the display shows **Turning Off Failed**. If unsuccessful, you hear a negative indicator tone.

## Accessing Indoor Location Beacons Information

Follow the procedure to access Indoor Location beacons information.

- 1 Press  to access the menu.

---

- 2 Press  or  to Bluetooth and press  to select.

---

- 3 Press  or  to Indoor Location and press  to select.

---

- 4 Press  or  to Beacons and press  to select.

---

The display shows the beacons information.

## 6.3.26

## Notification List

Your radio has a Notification List that collects all your "unread" events on the channel, such as unread text messages, missed calls, and call alerts.

The Notification icon appears on the status bar when the Notification List has one or more events.

The list supports a maximum of 40 unread events. When it is full, the next event automatically replaces the oldest event.


**NOTICE:**

After the events are read, they are removed from the Notification List.

## 6.3.26.1

### Accessing the Notification List

Follow the procedure to access the notification list.

1

Press  to access the menu.

---

2

Press  or  to Notification and press  to select.

---

3

Press  or  to the required event and press



to select.

Long press  to return to the Home Screen.

---

## 6.3.27

## Wi-Fi Operation

This feature allows you to set up and connect to a Wi-Fi network. Wi-Fi supports updates for radio firmware, codeplug, and resources such as language packs and voice announcement.


**NOTICE:**

This feature is applicable to DGP 5550e/DGP 8550e only.

Wi-Fi® is a registered trademark of Wi-Fi Alliance®.

Your radio supports WEP/WPA/WPA2-Personal and WPA/WPA2-Enterprise Wi-Fi networks.

**WEP/WPA/WPA2-Personal Wi-Fi network**

Uses pre-shared key (password) based authentication.

Pre-shared key can be entered by using the menu or CPS/RM.

**WPA/WPA2-Enterprise Wi-Fi network**

Uses certificate-based authentication.

Your radio must be pre-configured with a certificate.

**NOTICE:**

Check with your dealer or system administrator to connect to WPA/WPA2-Enterprise Wi-Fi network.

The programmed **Wi-Fi On or Off** button is assigned by your dealer or system administrator. Check with your dealer or system administrator to determine how your radio has been programmed.

Voice Announcements for the programmed **Wi-Fi On or Off** button can be customized through CPS according to user requirements. Check with your dealer or system administrator for more information.

**NOTICE:**

You can turn on or turn off Wi-Fi remotely by using a designated radio (see [Turning Wi-Fi On or Off Remotely by Using a Designated Radio \(Individual Control\)](#) on page 207 and [Turning Wi-Fi On or Off Remotely by Using a Designated Radio \(Group Control\)](#) on page 208). Check with your dealer or system administrator for more information.

## 6.3.27.1

**Turning Wi-Fi On or Off**

- 1 Press the programmed **Wi-Fi On or Off** button. Voice Announcement sounds Turning On Wi-Fi or Turning Off Wi-Fi.
- 
- 2 Access this feature using the menu.
    - a Press  to access the menu.
    - b Press  or  to Wi-Fi and press  to select.

c Press ▲ or ▼ to Wi-Fi On and press  to select.

d Press  to turn on/off Wi-Fi.

If Wi-Fi is on, the display shows ✓ beside Enabled.

If Wi-Fi is off, the ✓ disappears from beside Enabled.

### 6.3.27.2

## Turning Wi-Fi On or Off Remotely by Using a Designated Radio (Individual Control)

You can turn Wi-Fi on or off remotely in Individual Control (One to One).



#### NOTICE:

Only radio with specific CPS setting supports this function, check with your dealer or system administrator for more information.

1 Do one of the following:

- Long press the programmable button. Use the keypad to enter the ID and press  to select. Proceed to [step 4](#).

- Press  to access the menu.

2

Press ▲ or ▼ to Contacts and press  to select.

3 Use one of the steps described next to select the required subscriber alias:

- Select the subscriber alias directly.
  - Press ▲ or ▼ to the required subscriber alias or ID.
- Use the Manual Dial menu.
  - Press ▲ or ▼ to Manual Dial and press  to select.
  - Select Radio Number and use the keypad to enter the ID. Press  to select.



4 Press ▲ or ▼ to WiFi Control and press  to select.

5 Press ▲ or ▼ to select On or Off.

6 Press  to select.

If successful, the display shows a positive mini notice.

If unsuccessful, the display shows a negative mini notice.

### 6.3.27.3

## Turning Wi-Fi On or Off Remotely by Using a Designated Radio (Group Control)

You can turn Wi-Fi on or off remotely in Group Control (One to Many).



#### NOTICE:

Only radio with specific CPS setting supports this function, check with your dealer or system administrator for more information.

1 Press  to access the menu.

2 Press ▲ or ▼ to Contacts and press  to select.

3 Press ▲ or ▼ to select the required subscriber alias or ID.

4 Press ▲ or ▼ to WiFi Control and press  to select.

5 Press ▲ or ▼ to select On or Off.

6 Press  to select.

If successful, the display shows Sent Successfully.

If unsuccessful, the display shows a negative mini notice.

## 6.3.27.4

## Connecting to a Network Access Point

When you turn on Wi-Fi, the radio scans and connects to a network access point.


**NOTICE:**

You can also connect to a network access point using the menu.

The WPA-Enterprise Wi-Fi network access points are pre-configured. Check with your dealer or system administrator to determine how your radio has been programmed.

- 1 Press  to access the menu.

---

- 2 Press  or  to WiFi and press  to select.

---

- 3 Press  or  to Networks and press  to select.

---

- 4 Press  or  to a network access point and press  to select.


**NOTICE:**

For WPA-Enterprise Wi-Fi, if a network access point is not preconfigured, the Connect option is not available.

- 5 Press  or  to Connect and press  to select.

---

- 6 For WPA-Personal Wi-Fi, enter the password and press  .

---

- 7 For WPA-Enterprise Wi-Fi, password is configured by using RM.  
 If the preconfigured password is correct, your radio automatically connects to the selected network access point.  
 If the preconfigured password is incorrect, the display shows Authentication Failure, and automatically returns to the previous menu.

If the connection is successful, the radio displays a notice and the network access point is saved into the profile list.

If the connection is unsuccessful, the radio displays shows the failure notice screen momentarily and automatically returns to the previous menu.

#### 6.3.27.5

### Checking Wi-Fi Connection Status

Press the programmed **Wi-Fi Status Query** button for the connection status by using Voice Announcement. Voice Announcement sounds Wi-Fi is Off, Wi-Fi is On but No Connection, or Wi-Fi is On with Connection.

- The display shows `WiFi Off` when the Wi-Fi is turned off.
- The display shows `WiFi On, Connected` when the radio is connected to a network.
- The display shows `WiFi On, Disconnected` when the Wi-Fi is turned on but the radio is not connected to any network.

Voice Announcements for the Wi-Fi status query results can be customized through CPS according to user requirements. Check with your dealer or system administrator for more information.



#### NOTICE:

The programmed **Wi-Fi Status Query** button is assigned by your dealer or system administrator. Check with your dealer or system administrator to determine how your radio has been programmed.

#### 6.3.27.6

### Refreshing the Network List

- Perform the following actions to refresh the network list through the menu.
  - a. Press  to access the menu.
  - b. Press  or  to `WiFi` and press  to select.
  - c. Press  or  to `Networks` and press  to select.

When you enter the Networks menu, the radio automatically refreshes the network list.

- If you are already in the Networks menu, perform the following action to refresh the network list.

Press ▲ or ▼ to Refresh and press  to select.

The radio refreshes and displays the latest network list.

### 6.3.27.7

## Adding a Network



#### NOTICE:

This task is not applicable to WPA-Enterprise Wi-Fi networks.

If a preferred network is not in the available network list, perform the following actions to add a network.

1 Press  to access the menu.

2 Press ▲ or ▼ to WiFi and press  to select.

3 Press ▲ or ▼ to Networks and press  to select.

4 Press ▲ or ▼ to Add Network and press  to select.

5 Enter the Service Set Identifier (SSID) and press .

6 Press ▲ or ▼ to Open and press  to select.

7 Enter the password and press .

The radio displays a positive mini notice to indicate that the network is successfully saved.

### 6.3.27.8

## Viewing Details of Network Access Points

You can view details of network access points.

- 1 Press  to access the menu.

---

- 2 Press  or  to **WiFi** and press  to select.

---

- 3 Press  or  to **Networks** and press  to select.

---

- 4 Press  or  to a network access point and press  to select.

---

- 5 Press  or  to **View Details** and press  to select.



**NOTICE:**

WPA-Personal Wi-Fi and WPA-Enterprise Wi-Fi display different details of Network Access Points.

**WPA-Personal Wi-Fi**

For a connected network access point, your radio displays Service Set Identifier (SSID), Security Mode,

Media Access Control (MAC) address, and Internet Protocol (IP) address.

For a non-connected network access point, your radio displays SSID and Security Mode.

**WPA-Enterprise Wi-Fi**

For a connected network access point, your radio displays SSID, Security Mode, Identity, Extended Authentication Protocol (EAP) Method, Phase 2 Authentication, Cert Name, MAC address, IP address, Gateway, DNS1, and DNS2.

For a non-connected network access point, your radio displays SSID, Security Mode, Identity, EAP Method, Phase 2 Authentication, and Cert Name.

6.3.27.9

**Removing Network Access Points**



**NOTICE:**

This task is not applicable to Enterprise Wi-Fi networks.

Perform the following actions to remove network access points from the profile list.

- 1 Press  to access the menu.

---

- 2 Press  or  to WiFi and press  to select.

---

- 3 Press  or  to Networks and press  to select.

---

- 4 Press  or  to the selected network access point and press  to select.

---

- 5 Press  or  to Remove and press  to select.

---

- 6 Press  or  to Yes and press  to select.  
The radio displays a positive mini notice to indicate that the selected network access point is successfully removed.

---

## 6.4

# Utilities

This chapter explains the operations of the utility functions available in your radio.

## 6.4.1

# Turning the Radio Tones/Alerts On or Off

You can enable and disable all radio tones and alerts (except for the incoming Emergency alert tone) if needed.

Press the programmed **All Tones/Alerts** button to toggle all tones on or off, or follow the procedure described next to access this feature via the radio menu.

- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities and press  to select.

---

- 3 Press ▲ or ▼ to Radio Settings and press



to select.

4

Press ▲ or ▼ to Tones/Alerts and press



to select.

5

Press ▲ or ▼ to All Tones and press



to select.

6

Press



to enable/disable all tones and alerts.

The display shows ✓ beside Enabled.

The ✓ disappears from beside Enabled.

## Turning Keypad Tones On or Off

You can enable and disable keypad tones if needed.

1

Press



to access the menu.

2

Press ▲ or ▼ to Utilities and press



to select.

3

Press ▲ or ▼ to Radio Settings and press



to select.

4

Press ▲ or ▼ to Tones/Alerts and press



to select.

5

Press ▲ or ▼ to Keypad Tones and press



to select.

You can also use ◀ or ▶ to change the selected option.

- 6 Press  to enable/disable keypad tones.  
The display shows ✓ beside Enabled.  
The ✓ disappears from beside Enabled.
- 

## 6.4.3

## Setting the Tone Alert Volume Offset Level

You can adjust the Tone Alert Volume Offset level if needed. This feature adjusts the volume of the tones/alerts, allowing it to be higher or lower than the voice volume.

- 1 Press  to access the menu.
- 
- 2 Press ▲ or ▼ to Utilities and press  to select.
- 
- 3 Press ▲ or ▼ to Radio Settings and press  to select.
- 

- 4 Press ▲ or ▼ to Tones/Alerts and press  to select.
- 
- 5 Press ▲ or ▼ to Vol. Offset and press  to select.
- 
- 6 Press ▲ or ▼ to the required volume value.  
The radio sounds a feedback tone with each corresponding volume value.
- 
- 7 Do one of the following:
- Press  to keep the required displayed volume value.
  - Press  to exit without changing the current volume offset settings.
-



## 6.4.4

## Turning the Talk Permit Tone On or Off

You can enable and disable the Talk Permit Tone if needed.

- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities and press  to select.

---

- 3 Press  or  to Radio Settings and press  to select.

---

- 4 Press  or  to Tones/Alerts and press  to select.

---

- 5 Press  or  to Talk Permit and press  to select.

You can also use  or  to change the selected option.

- 6 Press  to enable/disable the Talk Permit Tone.  
The display shows  beside Enabled.  
The  disappears from beside Enabled.

## 6.4.5

## Turning the Power Up Alert Tone On or Off

You can enable and disable the Power Up Alert Tone if needed.

- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities and press  to select.

- 3 Press ▲ or ▼ to Radio Settings and press



to select.

4

Press ▲ or ▼ to Tones/Alerts and press



to select.

5

Press ▲ or ▼ to Power Up and press



to select.

You can also use ◀ or ▶ to change the selected option.

6

Press



The display shows ✓ beside Enabled.

The ✓ disappears from beside Enabled.

## Setting the Power Level

You can customize your radio power setting to high or low for each Connect Plus zone.

High enables communication with tower sites in Connect Plus mode located at a considerable distance from you.

Low enables communication with tower sites in Connect Plus mode in closer proximity.

Press the programmed **Power Level** button to toggle transmit power level between high and low.

Follow the procedure described next to access this feature via the radio menu.

1

Press



to access the menu.

2

Press ▲ or ▼ to Utilities and press



to select.

3

Press ▲ or ▼ to Radio Settings and press



to select.

4 Press ▲ or ▼ to Power and press  to select.

---

5 Press ▲ or ▼ to the required setting and press  to select.

✓ appears beside selected setting. At any time, long

press  to return to the Home screen.

Screen returns to the previous menu.

---

3 Press ▲ or ▼ to Radio Settings and press  to select.

---

4 Press ▲ or ▼ to Display and press  to select.

The display shows Day Mode and Night Mode.



**NOTICE:**

Press ◀ or ▶ to change the selected option.

---

5 Press ▲ or ▼ to the required setting and press  to enable. ✓ appears besides selected setting.

---

#### 6.4.7

## Changing the Display Mode

You can change radio display mode between Day or Night, as needed. This affects the color palette of the display.

1 Press  to access the menu.

---

2 Press ▲ or ▼ to Utilities and press  to select.

---

## 6.4.8

## Adjusting the Display Brightness

You can adjust the display brightness of the radio as needed.


**NOTICE:**

Display brightness cannot be adjusted when Auto Brightness is enabled.

- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities and press  to select.

---

- 3 Press  or  to Radio Settings and press  to select.

---

- 4 Press  or  to Display and press  to select.

---

## 5

Press  or  to Brightness and press  to select.

The display shows a progress bar.

## 6

Decrease display brightness by pressing  or increase the display brightness by pressing .

Select from setting of 1 to 8. Press  to confirm your entry.

## 6.4.9

## Setting the Display Backlight Timer

You can set the the radio display backlight timer as needed. The setting also affects the Menu Navigation Buttons and keypad backlighting accordingly.

Press the programmed **Backlight** button to toggle the backlight settings, or follow the procedure described next to access this feature via the radio menu.

The display backlight and keypad backlighting are automatically turned off if the LED indicator is disabled (see [Turning the LED Indicator On or Off on page 355](#)).

- 1 Press  to access the menu.

---

  - 2 Press ▲ or ▼ to Utilities and press  to select.

---

  - 3 Press ▲ or ▼ to Radio Settings and press  to select.

---

  - 4 Press ▲ or ▼ to Display and press  to select.

---

  - 5 Press ▲ or ▼ to Backlight Timer and press  to select.
- You can use ◀ or ▶ to change the selected option.

## Turning the Introduction Screen On or Off

You can enable and disable the Introduction Screen if needed.

- 1 Press  to access the menu.

---

- 2 Press ▲ or ▼ to Utilities and press  to select.

---

- 3 Press ▲ or ▼ to Radio Settings and press  to select.

---

- 4 Press ▲ or ▼ to Display and press  to select.

---

- 5 Press ▲ or ▼ to Intro Screen and press  to select.

You can also use ◀ or ▶ to change the selected option.

- 6
- Press  to enable/disable the Introduction Screen.
- The display shows ✓ beside Enabled.
- The ✓ disappears from beside Enabled.

6.4.11

## Locking and Unlocking the Keypad

You can lock your radio keypad to avoid inadvertent key entry.

To lock/unlock your radio keypad.

| Option             | Steps                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------------|
| Locking the Keypad | a Press  to access the menu. |

| Option               | Steps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      | <div>b Press ▲ or ▼ to Utilities and press  to select.</div> <div>c Press ▲ or ▼ to Radio Settings and press  to select.</div> <div>d Press ▲ or ▼ to Keypad Lock and press  to select.<br/>You can also use or to change the selected option.</div> |
| Unlocking the Keypad | Press  followed by  .                                                                                                                                                                                                                                                                                                                   |

After the keypad is locked, the display shows Keypad Locked and returns to the Home screen.

After the keypad is unlocked, the display shows Keypad Unlocked and returns to the Home screen.

## 6.4.12

## Language

You can set your radio display to be in your required language.

- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities and press  to select.

---

- 3 Press  or  to Radio Settings and press  to select.

---

- 4 Press  or  to Languages and press  to select.

You can also use  or  to change selected option.

- 5 Press  or  to the required language and press  to enable. ✓ appears beside selected language.
- 

## 6.4.13

## Turning the LED Indicator On or Off

You can enable and disable the LED Indicator if needed.

- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities and press  to select.

---

- 3 Press  or  to Radio Settings and press  to select.

---

- 4 Press  or  to LED Indicator and press  to select.

You can also use ◀ or ▶ to change the selected option.

- 5 Press  to enable/disable the LED Indicator.  
The display shows ✓ beside Enabled.  
The ✓ disappears from beside Enabled.

#### 6.4.14

### Identifying Cable Type

You can select the type of cable your radio uses.

- 1 Press  to access the menu.
- 2 Press ▲ or ▼ to Utilities and press  to select.
- 3 Press ▲ or ▼ to Radio Settings and press  to select.

- 4 Press ▲ or ▼ to Cable Type and press  to select.

You can also use ◀ or ▶ to change the selected option.

- 5 The current cable type is indicated by a ✓.

#### 6.4.15

### Voice Announcement

This feature enables the radio to audibly indicate the current Zone or Channel the user has just assigned, or programmable button press. This audio indicator can be customized per customer requirements. This is typically useful when the user is in a difficult condition to read the content shown on the display.

- 1 Press  to access the menu.
- 2 Press ▲ or ▼ to Utilities and press  to select.



- 3 Press ▲ or ▼ to Radio Settings and press



to select.

- 4 Press ▲ or ▼ to Voice Announcement and press



to select.

You can also use ◀ or ▶ to change the selected option.

- 5 Do one of the following:

- Press  to enable Voice Announcement. The display shows ✓ beside Enabled.
- Press  to disable Voice Announcement. The ✓ disappears from beside Enabled.

## Setting the Text-to-Speech Feature



### NOTICE:

The Text-to-Speech feature can only be enabled by using the MOTOTRBO CPS. If enabled, the Voice Announcement feature is automatically disabled, and vice versa. Check with your dealer or system administrator for more information.

This feature enables the radio to audibly indicate the following features:

- Current Channel
- Current Zone
- Programmed button feature on or off
- Content of received text messages
- Press the programmed **Voice Announcement** button to toggle this feature on or off.
- This audio indicator can be customized per customer requirements. This is typically useful when the user is in a difficult condition to read the content shown on the display.
  - a. Press  to access the menu.

- b. Press ▲ or ▼ to Utilities and press  to select.
- c. Press ▲ or ▼ to Radio Settings and press  to select.
- d. Press ▲ or ▼ to Voice Announce and press  to select.
- e. Press ▲ or ▼ to Messages or Program Button and press  to select.

You can also use ◀ or ▶ to change the selected option.

✓ appears beside the selected setting.

#### 6.4.17

## Menu Timer

Set the period of time your radio stays in the menu before it automatically switches to the Home screen.

- 1 Press  to access the menu.

---

- 2 Press ▲ or ▼ to Utilities and press  to select.

---

- 3 Press ▲ or ▼ to Radio Settings and press  to select.

---

- 4 Press ▲ or ▼ to Display and press  to select.

---

- 5 Press ▲ or ▼ to Menu Timer and press  to select.

---

- 6 Press ▲ or ▼ to the required setting and press  to select.
- 

## 6.4.18

## Digital Mic AGC (Mic AGC-D)

This feature controls the your radio's microphone gain automatically while transmitting on a digital system. It suppresses loud audio or boosts soft audio to a preset value in order to provide a consistent level of audio.

- 1 Press  to access the menu.
- 
- 2 Press ▲ or ▼ to Utilities and press  to select.
- 
- 3 Press ▲ or ▼ to Radio Settings and press  to select.

You can also use ◀ or ▶ to change the selected option.

---

- 4 Press ▲ or ▼ to Mic AGC-D and press  to select.
- 

- 5 Do one of the following:

- Press  to enable **Mic AGC-D**. The display shows ✓ beside Enabled.
  - Press  to disable **Mic AGC-D**. The ✓ disappears from beside Enabled.
- 

## 6.4.19

## Intelligent Audio

Your radio can automatically adjust its audio volume to overcome background noise in the environment, inclusive of all stationary and non-stationary noise sources. This

feature is a Receive-only feature and does not affect Transmit audio.



**NOTICE:**

This feature is not applicable during a Bluetooth session.

1

Press  to access the menu.

**Radio  
Control**

**Steps**

**Menu**

- a Press  to access the menu.
- b Press  or  to Radio Settings and press  to select.
- c Press  or  to Radio Settings and press  to select.

**Radio  
Control**

**Steps**

- d Press  or  to Intelligent Audio and press  to select.



**NOTICE:**

You can also use  or  to change the selected option.

- e Do one of the following:
  - Press  to enable Intelligent Audio. The display shows  beside Enabled.
  - Press  to disable Intelligent Audio. The  disappears from beside Enabled.

2 Press ▲ or ▼ to Utilities and press  to select.

---

3 Press ▲ or ▼ to Radio Settings and press  to select.

---

4 Press ▲ or ▼ to Intelligent Audio and press  to select.

---

5 Do one of the following:

- Press  to enable Intelligent Audio. The display shows ✓ beside Enabled.
  - Press  to disable Intelligent Audio. The ✓ disappears from beside Enabled.
- 

See [Authorized Accessories List](#) for recommended Bluetooth-enabled audio accessories with in-built Automatic Volume Control for similar performance.

## Turning the Acoustic Feedback Suppressor Feature On or Off

This feature allows you to minimize acoustic feedback in received calls.

1 Press  to access the menu.

---

2 Press ▲ or ▼ to Utilities and press  to select.

---

3 Press ▲ or ▼ to Radio Settings and press  to select.

---

4 Press ▲ or ▼ to AF Suppressor and press  to select.

You can also use ◀ or ▶ to change the selected option.

---

5 Do one of the following.

- Press  to enable Acoustic Feedback Suppressor. The display shows ✓ beside Enabled.
- Press  to disable Acoustic Feedback Suppressor. The ✓ disappears from beside Enabled.

## 6.4.21

## Turning the Microphone Dynamic Distortion Control Feature On or Off

This feature allows you to enable the radio to automatically monitor the microphone input and adjust the microphone gain value to avoid audio clipping.

- 1 Press  to access the menu.
- 2 Press  or  to Utilities and press  to select.

- 3 Press  or  to Radio Settings and press  to select.

You can also use  or  to change the selected option.

- 4 Press  or  to Mic Distortion and press  to select.

- 5 Do one of the following:

- Press  to enable Microphone Dynamic Distortion Control. The display shows ✓ beside Enabled.
- Press  to disable Microphone Dynamic Distortion Control. The ✓ disappears from beside Enabled.

6.4.22

# Turning GNSS On or Off

Global Navigation Satellite System (GNSS) is a satellite navigation system that determines the radio precise location. GNSS includes Global Positioning System (GPS), Global Navigation Satellite System (GLONASS), and BeiDou Navigation Satellite System (BDS).



**NOTICE:**

Selected radio models may offer GPS, GLONASS, and BDS. GNSS constellation is configured by using CPS. Check with your dealer or system administrator to determine how your radio has been programmed.

- 1 Do one of the following:
  - Press the programmed **GNSS** button to toggle the feature on or off. Skip the following steps.
  - Press  to access the menu.

- 2 Press  or  to Utilities. Press  to select.

- 3 Press  or  to Radio Settings. Press  to select.

- 4 Press  or  to GNSS. Press  to select.

- 5 Press  to enable/disable GNSS.  
If enabled,  appears beside Enabled.  
If disabled,  disappears beside Enabled.

See [Checking the GNSS Information on page 383](#) for details on retrieving GNSS information.

6.4.23

# Text Entry Configuration

You can configure the following settings for entering text on your radio:

- Word Predict
- Word Correct
- Sentence Cap

- My Words

Your radio supports the following text entry methods:

- Numbers
- Symbols
- Predictive or Multi-Tap
- Language (If programmed)



#### NOTICE:

Press  at any time to return to the previous screen or long press  to return to the Home Screen. The radio exits the current screen once the inactivity timer expires.

#### 6.4.23.1

### Word Predict

Your radio can learn common word sequences that you often enter. It then predicts the next word you may want to

use after you enter the first word of a common word sequence into the text editor.

- 1 Press  to access the menu.
  - 2 Press  or  to Utilities and press  to select.
  - 3 Press  or  to Radio Settings and press  to select.
  - 4 Press  or  to Text Entry and press  to select.
  - 5 Press  or  to Word Predict and press  to select.
- You can also use  or  to change the selected option.

- 6 Do one of the following:



- Press  to enable Word Predict. The display shows ✓ beside Enabled.
  - Press  to disable Word Predict. The ✓ disappears from beside Enabled.
- 

## 6.4.23.2

## Sentence Cap

This feature is used to automatically enable capitalization of the first letter in the first word for every new sentence.

- 1 Press  to access the menu.
  - 2 Press ▲ or ▼ to Utilities. Press  to select.
  - 3 Press ▲ or ▼ to Radio Settings. Press  to select.
- 

- 4 Press ▲ or ▼ to Text Entry. Press  to select.
  - 5 Press ▲ or ▼ to Sentence Cap. Press  to select.
  - 6 Do one of the following:
    - Press  to enable Sentence Cap. If enabled, ✓ appears beside Enabled.
    - Press  to disable Sentence Cap. If disabled, ✓ disappears beside Enabled.
- 

## 6.4.23.3

## Viewing Custom Words

You can add your own custom words into the in-built dictionary of your radio. Your radio maintains a list to contain these words.

- 1 Press  to access the menu.
-

2 Press ▲ or ▼ to Utilities. Press  to select.

---

3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Text Entry. Press  to select.

---

5 Press ▲ or ▼ to My Words. Press  to select.

---

6 Press ▲ or ▼ to List of Words. Press  to select.  
The display shows the list of custom words.

---

#### 6.4.23.4

## Editing Custom Word

You can edit the custom words saved in your radio.

1 Press  to access the menu.

---

2 Press ▲ or ▼ to Utilities and press  to select.

---

3 Press ▲ or ▼ to Radio Settings and press  to select.

---

4 Press ▲ or ▼ to Text Entry and press  to select.

---

5 Press ▲ or ▼ to My Words and press  to select.

---

- 6 Press ▲ or ▼ to List of Words and press  to select.

Display shows the list of custom words.

- 7 Press ▲ or ▼ to the required word and press  to select.

- 8 Press ▲ or ▼ to Edit and press  to select.

- 9 Use the keypad to edit your custom word.

Press ◀ to move one space to the left. Press ▶ or the  key to move one space to the right. Press the  key to delete any unwanted characters.

Long press  to change text entry method.

Press  once your custom word is completed.

The display shows transitional mini notice, confirming your custom word is being saved.

If the custom word is saved, a tone sounds and the display shows positive mini notice.

If the custom word is not saved, a low tone sounds and the display shows negative mini notice.

#### 6.4.23.5

### Adding Custom Word

You can add your own custom words into your radio in-built dictionary.

- 1 Press  to access the menu.
- 2 Press ▲ or ▼ to Utilities and press  to select.
- 3 Press ▲ or ▼ to Radio Settings and press  to select.
- 4 Press ▲ or ▼ to Text Entry and press  to select.

- 5 Press ▲ or ▼ to **My Words** and press  to select.

- 6 Press ▲ or ▼ to **Add New Word** and press  to select.

Display shows the list of custom words.

- 7 Use the keypad to edit your custom word.

Press ◀ to move one space to the left. Press ▶ or the  key to move one space to the right. Press the  key to delete any unwanted characters.

Long press  to change text entry method.

Press  once your custom word is completed.

The display shows transitional mini notice, confirming your custom word is being saved.

If the custom word is saved, a tone sounds and the display shows positive mini notice.

If the custom word is not saved, a low tone sounds and the display shows negative mini notice.

#### 6.4.23.6

### Deleting a Custom Word

You can delete the custom words saved in your radio.

- 1 Press  to access the menu.

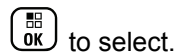
- 2 Press ▲ or ▼ to **Utilities** and press  to select.

- 3 Press ▲ or ▼ to **Radio Settings** and press  to select.

- 4 Press ▲ or ▼ to **Text Entry** and press  to select.

- 5 Press ▲ or ▼ to **My Words** and press  to select.

6 Press ▲ or ▼ to the required word and press



to select.

7

Press ▲ or ▼ to Delete and press to select.

8 Choose one of the following.

- At Delete Entry?, press to select Yes. The display shows Entry Deleted.
- Press ▲ or ▼ to No and press to return to the previous screen.

#### 6.4.23.7

### Deleting All Custom Words

You can delete all custom words from your radio in-built.

1

Press to access the menu.

2

Press ▲ or ▼ to Utilities and press to select.

3

Press ▲ or ▼ to Radio Settings and press to select.

4

Press ▲ or ▼ to Text Entry and press to select.

5

Press ▲ or ▼ to My Words and press to select.

6

Press ▲ or ▼ to Delete All and press to select.

7 Choose one of the following.

- At Delete Entry?, press to select Yes. The display shows Entry Deleted.

- Press ▲ or ▼ to **No** and press  to return to the previous screen.

## 6.4.24

## Accessing General Radio Information

Your radio contains information on the following:

- Battery
- Degree of Tilt (Accelerometer)
- Radio Model Number Index
- Option Board Over-the-Air (OTA) Codeplug CRC
- Site Number
- Site Info
- Radio Alias and ID
- Firmware and Codeplug Versions
- GNSS Information

Press  at any time to return to the previous screen or long press  to return to the Home screen. The radio exits the current screen once the inactivity timer expires.

## 6.4.24.1

### Accessing the Battery Information

Displays information on your radio battery.

1

Press  to access the menu.

2

Press ▲ or ▼ to **Utilities** and press  to select.

3

Press ▲ or ▼ to **Radio Info** and press  to select.

4

Press ▲ or ▼ to **Battery Info** and press  to select.

The display shows the battery information.

For **IMPRES** batteries **ONLY**: The display reads Recondition Battery if the battery requires reconditioning in an IMPRES charger. After the reconditioning process, the display then shows the battery information.

#### 6.4.24.2

### Checking the Degree of Tilt (Accelerometer)



#### NOTICE:

The measurement on the display shows the degree

of tilt at the moment you press  to accept the Accelerometer option. If you change the angle of

the radio after pressing , the radio does not change the measurement shown on its display. It continues to display the measurement taken when

 was pressed.

If the portable radio has been enabled for the Man Down Alarms, there is a menu option to check how the radio measures the degree of tilt. This is a helpful feature when

the dealer or Radio System Administrator uses the MOTOTRBO Connect Plus Option Board CPS to configure the activation angle that will trigger the tilt alarm.

1

Press  to access the menu.

2

Press  or  to Utilities and press  to select.

3

Press  or  to Radio Info and press  to select.

4

Tilt the radio at the angle that triggers the Tilt Alarm.

5

Press  or  to Accelerometer and press  to select.

The display shows the radio's angle of tilt (deviation from perpendicular vertical position) in degrees (example: 62 Deg.) Based on this, use MOTOTRBO Connect Plus Option Board CPS to configure the Activation Angle for 60 degrees (which is the closest programmable value). The Tilt Alarm timers are

triggered when the Activation Angle is 60 degrees, or greater.

---

#### 6.4.24.3

### Checking the Radio Model Number Index

This index number identifies your radio model-specific hardware. Your radio system administrator may ask for this number when preparing a new Option Board codeplug for your radio.

- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities and press  to select.

---

- 3 Press  or  to Radio Info and press  to select.

---

4

Press  or  to Model Index and press  to select.

The display shows the Model Number Index.

---

#### 6.4.24.4

### Checking the CRC of the Option Board OTA Codeplug File

Follow the instructions below if your radio system administrator asks you to view the Option Board OTA Codeplug File CRC (Cyclic Redundancy Check). This menu option only appears if the Option Board received its last codeplug update OTA.

- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities and press  to select.

---



- 3 Press ▲ or ▼ to **Radio Info** and press  to select.

- 4 Press ▲ or ▼ to **OB OTA CPorc** and press  to select.

The display shows some letters and numbers.  
Communicate this information to your radio system administrator exactly as shown.

- 2 Press ▲ or ▼ to **Utilities** and press  to select.

- 3 Press ▲ or ▼ to **Radio Info** and press  to select.

- 4 Press ▲ or ▼ to **Site Number** and press  to select.

The display shows the Network ID and the Site Number.

#### 6.4.24.5

### Displaying the Site ID (Site Number)



#### NOTICE:

If you are not currently registered at a site, the display shows **Not Registered**.

The radio briefly shows the Site ID as it registers with a Connect Plus site. Following registration, the radio does not generally indicate the Site number. To display the registered Site number, do the following:

- 1 Press  to access the menu.

#### 6.4.24.6

### Checking the Site Info



#### NOTICE:

If you are not currently registered at a site, the display shows **Not Registered**.

The Site Info feature provides information that can be useful to a service technician. It consists of the following information:

- Repeater number of current Control Channel repeater.

- RSSI: Last signal strength value measured from Control Channel repeater.
- Neighbor List sent by Control Channel repeater (five numbers separated by commas).

If you are requested to use this feature, please report the displayed information exactly as it appears on the screen.

- 1 Press  to access the menu.
- 2 Press  or  to Utilities and press  to select.
- 3 Press  or  to Radio Info and press  to select.
- 4 Press  or  to Site Info and press  to select.  
The display shows the Site Info.

## Checking the Radio ID

This feature displays the ID of your radio.

Follow the procedure described next to access this feature via the radio screen.

- 1 Press  to access the menu.
- 2 Press  or  to Utilities and press  to select.
- 3 Press  or  to Radio Info and press  to select.
- 4 Press  or  to My ID and press  to select.  
The display shows the radio ID.

## 6.4.24.8

## Checking the Firmware Version and Codeplug Version

Displays the firmware version on your radio.

- 1 Press  to access the menu.

---

- 2 Press  or  to `Utilities` and press  to select.

---

- 3 Press  or  to `Radio Info` and press  to select.

---

- 4 Press  or  to `Versions` and press  to select.  
The display a list with the following information:
  - (Radio) Firmware Version
  - (Radio) Codeplug Version
  - Option Board Firmware Version

- Option Board Frequency Version
- Option Board Hardware Version
- Option Board Codeplug Version

## 6.4.24.9

## Checking for Updates

Connect Plus provides the ability to update certain files (Option Board Codeplug, Network Frequency File, and Option Board Firmware File) Over-The-Air (OTA).



### NOTICE:

Check with the dealer or network administrator to determine whether this feature has been enabled for your radio.

Any display Connect Plus radio has the ability to show its current Option Board OTA Codeplug CRC, Frequency File version or Option Board firmware file version by using a menu option. In addition, display radios that have been enabled for over-the-air file transfer can display the version of a "pending file". A "pending file" is a Frequency File or Option Board firmware file that the Connect Plus radio knows about through system messaging, but the radio has not yet collected all of the file packets. If a display Connect Plus radio has a pending file, the menu provides options to:

- See the version number of the pending file.
- See what percentage of packets has been collected so far.
- Request the Connect Plus radio to resume collecting file packets.

If the radio is enabled for Connect Plus OTA file transfer, there may be times when the radio automatically joins a file transfer without first notifying the radio user. While the radio is collecting file packets, the LED rapidly blinks red and the radio displays the High Volume Data icon on the Home Screen status bar.



## NOTICE:

The Connect Plus radio cannot collect file packets and receive calls at the same time. If you wish to cancel the file transfer, press and release the **PTT** button. This causes the radio to request a call on the selected Contact Name, and it will also cancel the file transfer for that radio until the process resumes at a later time.

There are several things that can make the file transfer process start again. The first example applies to all OTA file types. The other examples apply only to the Network Frequency File and Option Board Firmware File:

- The radio system administrator re-initiates the OTA file transfer.
- The Option Board pre-defined timer expires, which causes the Option Board to automatically resume the process of collecting packets.
- The timer has not yet expired, but the radio user requests the file transfer to resume through the menu option.

After the Connect Plus radio finishes downloading all file packets, it must upgrade to the newly acquired file. For the Network Frequency File, this is an automatic process and does not require a radio reset. For the Option Board Codeplug File, this is an automatic process that will cause a brief interruption to service as the Option Board loads the new codeplug information and re-acquires a network site. How quickly the radio upgrades to a new Option Board firmware file depend on how the radio has been configured by the dealer or system administrator. The radio will either upgrade immediately after collecting all file packets, or it will wait until the next time that the user turns the radio on.



## NOTICE:

Check with your dealer or system administrator to determine how your radio has been programmed.

The process of upgrading to a new Option Board firmware file takes several seconds, and it requires the Connect Plus Option Board to reset the radio. Once the upgrade starts, the radio user will not be able to make or receive calls until the process is completed. During the process, radio display prompts user to not turn off the radio.

#### 6.4.24.9.1

### Firmware File

The following section provides information on the radio firmware.

#### 6.4.24.9.1.1

### Firmware Up to Date



#### NOTICE:

If the Option Board firmware file is not Up to Date (and if the radio has partially collected a more recent Option Board firmware file version) the radio displays a list with additional options; Version, %Received, and Download.

1

Press  to access the menu.

---

2

Press  or  to Utilities and press  to select.

---

3

Press  or  to Radio Info and press  to select.

---

4

Press  or  to Updates and press  to select.

---

5

Press  or  to Firmware and press  to select.

The display shows Firmware is Up to Date.

---

#### 6.4.24.9.2

### Pending Firmware – Version

1

Press  to access the menu.

---

2 Press ▲ or ▼ to Utilities and press  to select.

---

3 Press ▲ or ▼ to Radio Info and press  to select.

---

4 Press ▲ or ▼ to Updates and press  to select.

---

5 Press ▲ or ▼ to Firmware and press  to select.

---

6 Press ▲ or ▼ to Version and press  to select.

If there is a pending Option Board firmware file, the display shows the pending firmware version number.

If there is a pending Option Board firmware file, the display shows Firmware is Up to Date.

---

#### 6.4.24.9.3

### Pending Firmware – % Received

1 Press  to access the menu.

---

2 Press ▲ or ▼ to Utilities and press  to select.

---

3 Press ▲ or ▼ to Radio Info and press  to select.

---

4 Press ▲ or ▼ to Updates and press  to select.

---

5 Press ▲ or ▼ to Firmware and press  to select.

---

- 6 Press ▲ or ▼ to %Received and press  to select.

The screen displays the percentage of firmware file packets collected so far.



**NOTICE:**

When at 100%, the radio needs to be power cycled Off and then On to initiate the firmware upgrade.

#### 6.4.24.9.4

### Pending Firmware – Download

If the Connect Plus radio has previously left an OTA Option Board Firmware File Transfer with a partial file, the unit automatically rejoins the file transfer (if still ongoing) when an internal timer expires. If you want the unit to rejoin an ongoing Option Board Firmware File transfer prior to expiration of this internal timer, use the Download option as described below.

- 1 Press  to access the menu.

- 2 Press ▲ or ▼ to Utilities and press  to select.

- 3 Press ▲ or ▼ to Radio Info and press  to select.

- 4 Press ▲ or ▼ to Updates and press  to select.

- 5 Press ▲ or ▼ to Firmware and press  to select.

- 6 Press ▲ or ▼ to Download and press  to select.

The display shows the following:

|                    |                |
|--------------------|----------------|
| Download Available | Start Download |
|--------------------|----------------|

|                       |                        |
|-----------------------|------------------------|
| No Download Available | Download not available |
|-----------------------|------------------------|

7 Do one of the following:

- Select Yes and press  to start the download.
- Select No and press  to return to the previous menu.

#### 6.4.24.9.5

### Frequency File

The following section provides information on the frequency file of the radio.

#### 6.4.24.9.5.1

### Frequency File Up to Date



#### NOTICE:

If the Frequency File is not Up to Date (and if the radio has partially collected a more recent frequency file version) the radio displays a list with additional options; Version, %Received, and Download.

1

Press  to access the menu.

2

Press  or  to Utilities and press  to select.

3

Press  or  to Radio Info and press  to select.

4

Press  or  to Frequency and press  to select.

The display shows Freq. File is Up to Date.

#### 6.4.24.9.5.2

### Frequency File Pending – Version

1

Press  to access the menu.



- 2 Press ▲ or ▼ to Utilities and press  to select.

---

- 3 Press ▲ or ▼ to Radio Info and press  to select.

---

- 4 Press ▲ or ▼ to Updates and press  to select.

---

- 5 Press ▲ or ▼ to Frequency and press  to select.

---

- 6 Press ▲ or ▼ to Version and press  to select.  
If there is a pending Frequency File, the display shows the pending Frequency File version number.

---

## Frequency File Pending – % Received

- 1 Press  to access the menu.

---

- 2 Press ▲ or ▼ to Utilities and press  to select.

---

- 3 Press ▲ or ▼ to Radio Info and press  to select.

---

- 4 Press ▲ or ▼ to Updates and press  to select.

---

- 5 Press ▲ or ▼ to %Received and press  to select.  
The screen displays the percentage of frequency file packets collected so far.

---

## 6.4.24.9.5.4

**Frequency File Pending – Download**

If the Connect Plus radio has previously left an OTA Network Frequency File Transfer with a partial file, the unit automatically rejoins the file transfer (if still ongoing) when an internal timer expires. If you want the unit to rejoin an ongoing Network Frequency File transfer prior to expiration of this internal timer, use the Download option as described below.

- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities and press  to select.

---

- 3 Press  or  to Radio Info and press  to select.

---

- 4 Press  or  to Updates and press  to select.

---

- 5 Press  or  to Frequency and press  to select.

---

- 6 Press  or  to Download and press  to select.

|                                   |                           |
|-----------------------------------|---------------------------|
| Download Currently<br>Unavailable | Download not<br>available |
| Download Currently<br>Available   | Start Download            |

- 7 Do one of the following:
    - Select Yes and press to start the download.
    - Select No and press to return to the previous menu.
-

6.4.24.9.6

# Checking the GNSS Information

Displays the GNSS information on your radio, such as values of:

- Latitude
- Longitude
- Altitude
- Direction
- Velocity
- Horizontal Dilution of Precision (HDOP)
- Satellites
- Version

1 Press  to access the menu.

2 Press  or  to Utilities and press  to select.

3 Press  or  to Radio Info and press  to select.

4 Press  or  to GNSS Info and press  to select.

5 Press  or  to the required item and press  to select.  
The display shows the requested GNSS information.

See [Turning GNSS On or Off on page 363](#) for details on GNSS.

6.4.25

# Viewing Enterprise Wi-Fi Certificate Details

You can view the details of the selected Enterprise Wi-Fi Certificate.

- 1 Press  to access the menu.

---
- 2 Press  or  to Utilities. Press  to select.

---
- 3 Press  or  to Certificate Menu. Press  to select.  
✓ appears beside ready certificates.

---
- 4 Press  or  to the required certificate. Press  to select.

---

Your radio displays the full details of the certificate.

**NOTICE:**

For unready certificates, the display shows only Status.

## Other Systems

---

Features that are available to the radio users under this system are available in this chapter.

### 7.1

## Push-To-Talk Button

---

The Push-to-Talk (**PTT**) button serves two basic purposes:

- While a call is in progress, the **PTT** button allows the radio to transmit to other radios in the call. The microphone is activated when the **PTT** button is pressed.
- While a call is not in progress, the **PTT** button is used to make a new call.

Long press the **PTT** button to talk. Release the **PTT** button to listen.

If the Talk Permit Tone is enabled, wait until the short alert tone ends before talking.

### 7.2

## Programmable Buttons

---

Depending on the duration of a button press, your dealer can program the programmable buttons as shortcuts to radio functions.

### Short press

Pressing and releasing rapidly.

### Long press

Pressing and holding for the programmed duration.



### NOTICE:

See [Emergency Operation on page 490](#) for more information on the programmed duration of the **Emergency** button.

### 7.2.1

## Assignable Radio Functions

The following radio functions can be assigned to the programmable buttons.

### Audio Profiles

Allows the user to select the preferred audio profile.

### Audio Toggle

Toggles audio routing between the internal radio speaker and the speaker of a wired accessory.

### **Bluetooth® Audio Switch**

Toggles audio routing between internal radio speaker and external Bluetooth-enabled accessory.

### **Bluetooth Connect**

Initiates a Bluetooth find-and-connect operation.

### **Bluetooth Disconnect**

Terminates all existing Bluetooth connections between your radio and any Bluetooth-enabled devices.

### **Bluetooth Discoverable**

Enables your radio to enter Bluetooth Discoverable Mode.

### **Call Alert**

Provides direct access to the contacts list for you to select a contact to whom a Call Alert can be sent.

### **Call Forwarding**

Toggles Call Forwarding on or off.

### **Call Log**

Selects the call log list.

### **Channel Announcement**

Plays zone and channel announcement voice messages for the current channel.

### **Contacts**

Provides direct access to the Contacts list.

### **Emergency**

Depending on the programming, initiates or cancels an emergency.

### **Indoor Location**

Toggles Indoor Location on or off.

### **Intelligent Audio**

Toggles intelligent audio on or off.

### **Manual Dial**

Initiates a Private Call by keying in any subscriber ID.

### **Manual Site Roam** <sup>6</sup>

Starts the manual site search.

### **Mic AGC**

Toggles the internal microphone automatic gain control (AGC) on or off.

### **Monitor**

Monitors a selected channel for activity.

### **Notifications**

Provides direct access to the Notifications list.

---

<sup>6</sup> Not applicable in Capacity Plus.

**Nuisance Channel Delete<sup>6</sup>**

Temporarily removes an unwanted channel, except for the Selected Channel, from the scan list. The Selected Channel refers to the selected zone or channel combination of the user from which scan is initiated.

**One Touch Access **

Directly initiates a predefined Private, Phone or Group Call, a Call Alert, a Quick Text message, or Home Revert.

**Option Board Feature**

Toggles option board feature(s) on or off for option board-enabled channels.

**Permanent Monitor<sup>6</sup>**

Monitors a selected channel for all radio traffic until function is disabled.

**Phone **

Provides direct access to the Phone Contacts list.

**Privacy **

Toggles privacy on or off.

**Radio Alias and ID**

Provides radio alias and ID.

**Radio Check **

Determines if a radio is active in a system.

**Radio Enable **

Allows a target radio to be remotely enabled.

**Radio Disable **

Allows a target radio to be remotely disabled.

**Remote Monitor**

Turns on the microphone of a target radio without it giving any indicators.

**Repeater/Talkaround<sup>6</sup>**

Toggles between using a repeater and communicating directly with another radio.

**Silence Home Channel Reminder**

Mutes the Home Channel Reminder.

**Scan <sup>7</sup>**

Toggles scan on or off.

**Site Info**

Displays the current site name and ID of Capacity Plus-Multi-Site.

Plays site announcement voice messages for the current site when Voice Announcement is enabled.

---

<sup>7</sup> Not applicable in Capacity Plus–Single-Site.

**Site Lock<sup>6</sup>** 

When toggled on, the radio searches the current site only. When toggled off, the radio searches other sites in addition to the current site.

**Status**

Selects the status list menu.

**Telemetry Control**

Controls the Output Pin on a local or remote radio.

**Text Message** 

Selects the text message menu.

**Transmit Interrupt Remote Dekey**

Stops an ongoing interruptible call to free the channel.

**Trill Enhancement**

Toggles trill enhancement on or off.

**Voice Announcement On/Off**

Toggles voice announcement on or off.

**Voice Operating Transmission (VOX)**

Toggles VOX on or off.

**Wi-Fi**

Toggles Wi-Fi on or off.

**Zone Selection**

Allows selection from a list of zones.

## 7.2.2

**Assignable Settings or Utility Functions**

The following radio settings or utility functions can be assigned to the programmable buttons.

**Tones/Alerts**

Toggles all tones and alerts on or off.

**Backlight**

Toggles display backlight on or off.

**Backlight Brightness**

Adjusts the brightness level.

**Display Mode**

Toggles the day/night display mode on or off.

**Keypad Lock**

Toggles keypad between locked and unlocked.

**Power Level**

Toggles transmit power level between high and low.



7.2.3

Accessing Programmed Functions

Follow the procedure to access programmed functions in your radio.

- 1 Do one of the following:
  - Press the programmed button. Proceed to [step 3](#).
  - Press  to access the menu.

- 2 Press  or  to the menu function, and press  to select a function or enter a sub-menu.

- 3 Do one of the following:
  - Press  to return to the previous screen.
  - Long press  to return to the Home screen.Your radio automatically exits the menu after a period of inactivity and returns to the Home screen.

7.3

Status Indicators

This chapter explains the status indicators and audio tones used in the radio.

7.3.1

Icons

The 132 x 90 pixels, 256 colors, Liquid Crystal Display (LCD) of your radio shows the radio status, text entries, and menu entries. The following are the icons that appear on the radio display.

Table 10: Display Icons

The following icons appear on the status bar at the top of the radio display. The icons are arranged left most in order of appearance or usage, and are channel-specific.



Battery

The number of bars (0–4) shown indicates the charge remaining in the battery. The icon blinks when the battery is low.

|                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>Bluetooth Connected</b><br/>The Bluetooth feature is enabled. The icon stays lit when a remote Bluetooth device is connected.</p> |  <p><b>GNSS Available</b> <br/>GNSS feature is enabled. The icon stays lit when a position fix is available.</p> |
|  <p><b>Bluetooth Not Connected</b><br/>The Bluetooth feature is enabled but there is no remote Bluetooth device connected.</p>           |  <p><b>GNSS Not Available</b> <br/>GNSS feature is enabled but is not receiving data from the satellite.</p>     |
|  <p><b>Call Log</b><br/>Radio call log.</p>                                                                                              |  <p><b>High Volume Data</b><br/>Radio is receiving high volume data and channel is busy.</p>                                                                                                        |
|  <p><b>Contact</b><br/>Radio contact is available.</p>                                                                                   |  <p><b>Indoor Location Available</b> <sup>8</sup><br/>Indoor location status is on and available.</p>                                                                                               |
|  <p><b>Emergency</b><br/>Radio is in Emergency mode.</p>                                                                                 |  <p><b>Indoor Location Unavailable</b> <sup>8</sup><br/>Indoor location status is on but unavailable due to Bluetooth disabled or Beacons Scan suspended by Bluetooth.</p>                          |
|  <p><b>Flexible Receive List</b><br/>Flexible receive list is enabled.</p>                                                               |  <p><b>Message</b><br/>Incoming message.</p>                                                                                                                                                        |

<sup>8</sup> Only applicable for models with the latest software and hardware.

|                                                                                   |                                                                                                        |                                                                                   |                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Monitor</b><br>Selected channel is being monitored.                                                 |  | <b>Power Level</b><br>Radio is set at Low power or Radio is set at High power.                                                                                                                               |
|  | <b>Mute Mode</b><br>Mute Mode is enabled and speaker is muted.                                         |  | <b>Received Signal Strength Indicator (RSSI)</b><br>The number of bars displayed represents the radio signal strength. Four bars indicate the strongest signal. This icon is only displayed while receiving. |
|  | <b>Notification</b><br>Notification List has one or more missed events.                                |  | <b>Response Inhibit</b><br>Response Inhibit is enabled.                                                                                                                                                      |
|  | <b>Option Board</b><br>The Option Board is enabled. (Option board enabled models only)                 |  | <b>Ring Only</b><br>Ringing mode is enabled.                                                                                                                                                                 |
|  | <b>Option Board Non-Function</b><br>The Option Board is disabled.                                      |  | <b>Scan</b> <sup>9</sup><br>Scan feature is enabled.                                                                                                                                                         |
|  | <b>Over-the-Air Programming Delay Timer</b><br>Indicates time left before automatic re-start of radio. |  | <b>Scan- Priority 1</b> <sup>9</sup><br>Radio detects activity on channel/ group designated as Priority 1.                                                                                                   |

<sup>9</sup> Not applicable in Capacity Plus.

|                                                                                   |                                                                                                              |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|  | <b>Scan- Priority 2<sup>9</sup></b><br>Radio detects activity on channel/<br>group designated as Priority 2. |
|  | <b>Secure</b><br>The Privacy feature is enabled.                                                             |
|  | <b>Sign In</b><br>Radio is signed in to the remote serv-<br>er.                                              |
|  | <b>Sign Out</b><br>Radio is signed out of the remote<br>server.                                              |
|  | <b>Silent Ring</b><br>Silent ring mode is enabled.                                                           |
|  | <b>Site Roaming <sup>10</sup></b><br>The site roaming feature is enabled.                                    |

|                                                                                   |                                                                                                                                             |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Talkaround<sup>9</sup></b><br>In the absence of a repeater, radio is<br>currently configured for direct radio to<br>radio communication. |
|  | <b>Tones Disable</b><br>Tones are turned off.                                                                                               |
|  | <b>Unsecure</b><br>The Privacy feature is disabled.                                                                                         |
|  | <b>Vibrate</b><br>Vibrate mode is enabled.                                                                                                  |
|  | <b>Vibrate and Ring</b><br>Vibrate and Ring mode is enabled.                                                                                |
|  | <b>Vote Scan</b><br>Vote scan feature is enabled.                                                                                           |
|  | <b>Wi-Fi Excellent <sup>11</sup></b><br>Wi-Fi signal is excellent.                                                                          |

<sup>10</sup> Not applicable in Capacity Plus–Single-Site

<sup>11</sup> Only applicable for DGP 5550e/DGP 8550e

|                                                                                   |                                                                       |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------|
|  | <b>Wi-Fi Good<sup>11</sup></b><br>Wi-Fi signal is good.               |
|  | <b>Wi-Fi Average<sup>11</sup></b><br>Wi-Fi signal is average          |
|  | <b>Wi-Fi Poor<sup>11</sup></b><br>Wi-Fi signal is poor.               |
|  | <b>Wi-Fi Unavailable<sup>11</sup></b><br>Wi-Fi signal is unavailable. |

**Table 11: Advance Menu Icons**

The following icons appear beside menu items that offer a choice between two options or as an indication that there is a sub-menu offering two options.

|                                                                                   |                                                                       |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------|
|  | <b>Checkbox (Checked)</b><br>Indicates that the option is selected.   |
|  | <b>Checkbox (Empty)</b><br>Indicates that the option is not selected. |

|                                                                                   |                                                                                                 |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
|  | <b>Solid Black Box</b><br>Indicates that the option selected for the menu item with a sub-menu. |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|

**Table 12: Bluetooth Device Icons**

The following icons appear next to items in the list of Bluetooth-enabled devices available to indicate the device type.

|                                                                                   |                                                                                               |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|  | <b>Bluetooth Audio Device</b><br>Bluetooth-enabled audio device, such as a headset.           |
|  | <b>Bluetooth Data Device</b><br>Bluetooth-enabled data device, such as a scanner.             |
|  | <b>Bluetooth PTT Device</b><br>Bluetooth-enabled PTT device, such as a PTT-Only Device (POD). |



### Bluetooth Sensor Device<sup>11</sup>

Bluetooth-enabled sensor device, such as gas sensor.

**Table 13: Call Icons**

The following icons appear on the display during a call. These icons also appear in the Contacts list to indicate alias or ID type.



### Bluetooth PC Call

Indicates a Bluetooth PC Call in progress.

In the Contacts list, it indicates a Bluetooth PC Call alias (name) or ID (number).



### Dispatch Call

The Dispatch Call contact type is used to send a text message to a dispatcher PC through a third-party Text Message Server.



### Group Call/All Call

Indicates a Group Call or All Call in progress.

In the Contacts list, it indicates a group alias (name) or ID (number).



### Non-IP Peripheral Individual call

Indicates a Non-IP Peripheral individual call in progress.

In the Contacts list, it indicates a subscriber alias (name) or ID (number).



### Non-IP Peripheral Group call

Indicates a Non-IP Peripheral group call in progress.

In the Contacts list, it indicates a group alias (name) or ID (number).



### Option Board Individual Call

Indicates an Option Board individual call in progress.

In the Contacts list, it indicates a subscriber alias (name) or ID (number).



### Option Board Group Call

Indicates an Option Board group call in progress.

|                                                                                   |                                                                                                                                                                              |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                   | In the Contacts list, it indicates a group alias (name) or ID (number).                                                                                                      |
|  | <b>Phone Call as Group/All Call</b><br>Indicates a Phone Call as Group Call or All Call in progress. In the Contacts list, it indicates a group alias (name) or ID (number). |
|  | <b>Phone Call as Private Call</b><br>Indicates a Phone Call as Private Call in progress. In the Contacts list, it indicates a phone alias (name) or ID (number).             |
|  | <b>Private Call</b><br>Indicates a Private Call in progress. In the Contacts list, it indicates a subscriber alias (name) or ID (number).                                    |

**Table 14: Job Tickets Icons**

The following icons appear momentarily on the display in the Job Ticket folder.

|                                                                                   |                                                                                                                               |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
|  | <b>All Jobs</b><br>Indicates all jobs listed.                                                                                 |
|  | <b>New Jobs</b><br>Indicates new jobs.                                                                                        |
|  | <b>In Progress</b><br>Jobs are transmitting. This is seen before indication for Job Tickets Send Failed or Sent Successfully. |
|  | <b>Send Failed</b><br>Jobs cannot be sent.                                                                                    |
|  | <b>Sent Successfully</b><br>Jobs have been successfully sent.                                                                 |
|  | <b>Priority 1</b><br>Indicates Priority Level 1 for jobs.                                                                     |
|  | <b>Priority 2</b><br>Indicates Priority Level 2 for jobs.                                                                     |



**Priority 3**  
Indicates Priority Level 3 for jobs.

**Table 15: Mini Notice Icons**

The following icons appear momentarily on the display after an action to perform a task is taken.

|  |                                                                                                                                                    |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Failed Transmission (Negative)</b><br>Failed action taken.                                                                                      |
|  | <b>Successful Transmission (Positive)</b><br>Successful action taken.                                                                              |
|  | <b>Transmission in Progress (Transitional)</b><br>Transmitting. This is seen before indication for Successful Transmission or Failed Transmission. |

**Table 16: Sent Items Icons**

The following icons appear at the top right corner of the display in the Sent Items folder.

|  |                                                                                                                                                                                                      |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>In Progress</b><br>The text message to a subscriber alias or ID is pending transmission, followed by waiting for acknowledgment. The text message to a group alias or ID is pending transmission. |
|  | <b>Individual or Group Message Read</b><br>The text message has been read.                                                                                                                           |
|  | <b>Individual or Group Message Unread</b><br>The text message has not been read.                                                                                                                     |
|  | <b>Send Failed</b><br>The text message cannot be sent.                                                                                                                                               |



**Sent Successfully**

The text message has been successfully sent.

## 7.3.2

**LED Indicators**

LED indicators show the operational status of your radio.

**Blinking Red**

Radio is indicating a battery mismatch.

Radio has failed the self-test upon powering up.

Radio is receiving an emergency transmission.

Radio is transmitting in low battery state.

Radio has moved out of range if Auto-Range Transponder System is configured.

Mute Mode is enabled.

**Solid Green**

Radio is powering up.

Radio is transmitting.

Radio is sending a Call Alert or an emergency transmission.

**Blinking Green**

Radio is receiving a call or data.

Radio is retrieving Over-the-Air Programming transmissions.

Radio is detecting activity over the air.

**NOTICE:**

This activity may or may not affect the programmed channel of the radio due to the nature of the digital protocol.

There is no LED indication when the radio is detecting activity over the air in Capacity Plus.

**Double Blinking Green**

Radio is receiving a privacy-enabled call or data.

**Solid Yellow**

Radio is monitoring a conventional channel.

**Blinking Yellow**

Radio is scanning for activity.

Radio has yet to respond to a Call Alert.

All Capacity Plus–Multi-Site channels are busy.

**Double Blinking Yellow**

Radio has Auto Roaming enabled.

Radio is actively searching for a new site.

Radio has yet to respond to a Group Call Alert.

Radio is locked.

Radio is not connected to the repeater while in Capacity Plus.

All Capacity Plus channels are busy.

## 7.3.3

**Tones**

The following are the tones that sound through on the radio speaker.



High Pitched Tone



Low Pitched Tone

## 7.3.3.1

**Indicator Tones**

Indicator tones provide you with audible indications of the status after an action to perform a task is taken.



Positive Indicator Tone



Negative Indicator Tone

## 7.3.3.2

**Audio Tones**

Audio tones provide you with audible indications of the status, or response to data received on the radio.

**Continuous Tone**

A monotone sound. Sounds continuously until termination.

**Periodic Tone**

Sounds periodically depending on the duration set by the radio. Tone starts, stops, and repeats itself.



### Repetitive Tone

A single tone that repeats itself until it is terminated by the user.



### Momentary Tone

Sounds once for a short duration set by the radio.

## 7.4

# Zone and Channel Selections

This chapter explains the operations to select a zone or channel on your radio. A zone is a group of channels.

Your radio supports up to 1000 channels and 250 zones, with a maximum of 160 channels per zone.

Each channel can be programmed with different features and/or support different groups of users.

## 7.4.1

## Selecting Zones

Follow the procedure to select the required zone on your radio.

### 1 Do one of the following:

- Press the programmed **Zone Selection** button. Proceed to [step 3](#).
- Press  to access the menu.

### 2

Press  or  to Zone. Press  to select.

The display shows  and the current zone.

### 3

Press  or  to the required zone. Press  to select.

The display shows <Zone> Selected momentarily and returns to the selected zone screen.

## 7.4.2

## Selecting Zones by Using the Alias Search

Follow the procedure to select the required zone on your radio by using the alias search.

- 1 Press  to access the menu.

---

- 2 Press  or  to Zone. Press  to select.  
The display shows  and the current zone.

---

- 3 Enter the first character of the required alias.  
The display shows a blinking cursor.

---

- 4 Enter the rest of the characters of the required alias.  
The alias search is case-insensitive. If there are two or more entries with the same name, the display shows the entry listed first in the list.  
The first text line shows the characters you entered. The following text lines show the shortlisted search results.

---

- 5 Press  to select.  
The display shows `<Zone> Selected` momentarily and returns to the selected zone screen.

---

## 7.4.3

## Selecting Channels

Follow the procedure to select the required channel on your radio.

Turn the **Channel Selector** Knob to select the channel, subscriber ID, or group ID.



### NOTICE:

If **Virtual Channel Stop** is enabled, your radio stops proceeding beyond the first or the last channel, and a tone is heard.

## 7.5

## Calls

This chapter explains the operations to receive, respond to, make, and stop calls.

You can select a subscriber alias or ID, or group alias or ID after you have selected a channel by using one of these features:

### Alias Search

This method is used for Group, Private, and All Calls only with a keypad microphone.

### Contacts List

This method provides direct access to the Contacts list.

### Manual Dial (by using Contacts)

This method is used for Private and Phone Calls only with a keypad microphone.

### Programmed Number Keys

This method is used for Group, Private, and All Calls only with a keypad microphone.



#### NOTICE:

You can only have one alias or ID assigned to a number key, but you can have more than one number key associated to an alias or ID. All the number keys on a keypad microphone can be assigned. See [Assigning Entries to Programmable Number Keys on page 471](#) for more information.

### Programmed One Touch Access Button

This method is used for Group, Private, and Phone Calls only.

You can only have one ID assigned to a **One Touch Access** button with a short or long programmable button press. Your radio can have multiple **One Touch Access** buttons programmed.

### Programmable Button

This method is used for Phone Calls only.

#### 7.5.1

## Group Calls

Your radio must be configured as part of a group to receive a call from or make a call to the group of users.

#### 7.5.1.1

## Making Group Calls

Follow the procedure to make Group Calls on your radio.

- 1 Do one of the following:
  - Select a channel with the active group alias or ID.
  - Press the programmed **One Touch Access** button.

- 
- 2 Press the **PTT** button to make the call.

The green LED lights up. The display shows the **Group Call** icon and the group call alias.

- 
- 3 Do one of the following:

- Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
-  Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.

#### 4 Release the **PTT** button to listen.

The green LED lights up when the target radio responds. The display shows the **Group Call** icon, the group alias or ID, and the transmitting radio alias or ID.

- 5  If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the transmitting radio releases the **PTT** button, indicating the channel is free for you to respond. Press the **PTT** button to respond to the call.

The call ends when there is no voice activity for a predetermined period. The radio returns to the screen you were on prior to initiating the call.

#### 7.5.1.2

## Making Group Calls by Using the Contacts List

Follow the procedure to make Group Calls on your radio by using the Contacts list.

- 1 Press  to access the menu.
- 2 Press  or  to **Contacts**. Press  to select.
- 3 Press  or  to the required alias or ID. Press  to select.
- 4 Press the **PTT** button to make the call.  
The green LED lights up.
- 5 Do one of the following:
  - Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
  -  Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.

## 6 Release the **PTT** button to listen.

The green LED lights up when the target radio responds. The display shows the **Group Call** icon, and alias or ID, and the transmitting radio alias or ID.

---

## 7 If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the transmitting radio releases the **PTT** button, indicating the channel is free for you to respond. Press the **PTT** button to respond to the call.

The call ends when there is no voice activity for a predetermined period.

---

### 7.5.1.3

## Making Group Calls by Using the Programmable Number Key

Follow the procedure to make Group Calls on your radio by using the programmable number key.

## 1 Long press the programmed number key to the predefined alias or ID when you are on the Home screen.

If a number key is assigned to an entry in a particular mode, this feature is not supported when you long press the number key in another mode.

A negative indicator tone sounds if the number key is not associated to an entry.

---

## 2 Press the **PTT** button to make the call.

The green LED lights up. The display shows the **Group Call** icon at the top right corner. The first text line shows the subscriber alias. The second text line displays either the call status for a Private Call or **All Call** for All Call.

---

## 3 Do one of the following:

- Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
  -  Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.
- 

## 4 Release the **PTT** button to listen.

The green LED lights up when the target radio responds. The display shows the destination alias.

---

- 5  If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the transmitting radio releases the **PTT** button, indicating the channel is free for you to respond. Press the **PTT** button to respond to the call.

The call ends when there is no voice activity for a predetermined period. The radio returns to the screen you were on before initiating the call.

See [Assigning Entries to Programmable Number Keys on page 471](#) for more information.

#### 7.5.1.4

### Responding to Group Calls

To receive a call from a group of users, your radio must be configured as part of that group. Follow the procedure to respond to Group Calls on your radio.

When you receive a Group Call:

- The green LED blinks.
- The first text line shows the caller alias.
- The second text line displays the group call alias.

- Your radio unmutes and the incoming call sounds through the speaker.

#### 1 Do one of the following:

-  If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the transmitting radio releases the **PTT** button, indicating the channel is free for you to respond. Press the **PTT** button to respond to the call.
-  If the Voice Interrupt feature is enabled, press the **PTT** button to interrupt the audio from the transmitting radio and free the channel for you to respond.

The green LED lights up.

#### 2 Do one of the following:

- Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
-  Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.

#### 3 Release the **PTT** button to listen.



The call ends when there is no voice activity for a predetermined period.

---

If the radio receives a Group Call while not on the Home screen, it remains on its current screen prior to answering the call.

Long press  to return to the Home screen to view the caller alias before replying.

## 7.5.2

### Private Calls

A Private Call is a call from an individual radio to another individual radio.

There are two ways to set up a Private Call. The first type sets up the call after performing a radio presence check, while the second type sets up the call immediately. Only one of these types can be programmed to your radio by your dealer.

If your radio is programmed to perform a radio presence check prior to setting up the Private Call and the target radio is not available:

- A tone sounds.

- The display shows a negative mini notice.
- The radio returns to the menu prior to initiating the radio presence check.

See [Privacy on page 516](#) for more information.

## 7.5.2.1

### Making Private Calls

Your radio must be programmed to initiate a Private Call. If this feature is not enabled, a negative indicator tone sounds when you initiate the call. Follow the procedure to make Private Calls on your radio.

- 1 Do one of the following:
    - Select a channel with the active subscriber alias or ID.
    - Press the programmed **One Touch Access** button.
- 
- 2 Press the **PTT** button to make the call.

The green LED lights up. The display shows the **Private Call** icon, the subscriber alias, and call status.

---

- 3 Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
- 

- 4 Release the **PTT** button to listen.

The green LED blinks when the target radio responds.

---

- 5  If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the transmitting radio releases the **PTT** button, indicating the channel is free for you to respond. Press the **PTT** button to respond to the call.

The call ends when there is no voice activity for a predetermined period. A tone sounds. The display shows **Call Ended**.

---

#### 7.5.2.2

### Making Private Calls by Using the Contacts List

- 1 Press  to access the menu.
- 

- 2 Press  or  to **Contacts**. Press  to select.
- 

- 3 Press  or  to the required alias or ID. Press  to select.
- 

- 4 Press the **PTT** button to make the call.

If you release the **PTT** button while the radio is setting up the call, it exits without any indication and returns to the previous screen.

The green LED lights up. The display shows the destination alias.

---

- 5 Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
- 

- 6 Release the **PTT** button to listen.

The green LED blinks when the target radio responds. The display shows the transmitting user alias or ID.

---

- 7  If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the

transmitting radio releases the **PTT** button, indicating the channel is free for you to respond. Press the **PTT** button to respond to the call.

The call ends when there is no voice activity for a predetermined period. A tone sounds. The display shows **Call Ended**.

---

### 7.5.2.3

## Making Private Calls by Using the Programmable Number Key

Follow the procedure to make Private Calls on your radio by using the programmable number key.

- 1 Long press the programmed number key to the predefined alias or ID when you are on the Home screen.

If a number key is assigned to an entry in a particular mode, this feature is not supported when you long press the number key in another mode.

A negative indicator tone sounds if the number key is not associated to an entry.

---

- 2 Press the **PTT** button to make the call.

The green LED lights up. The display shows the **Private Call** icon at the top right corner. The first text line shows the caller alias. The second text line shows the call status.

---

- 3 Do one of the following:

- Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
  -  Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.
- 

- 4 Release the **PTT** button to listen.

The green LED blinks when the target radio responds. The display shows the destination alias.

---

- 5  If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the transmitting radio releases the **PTT** button, indicating the channel is free for you to respond. Press the **PTT** button to respond to the call.

The call ends when there is no voice activity for a predetermined period. A tone sounds. The radio

returns to the screen you were on before initiating the call.

See [Assigning Entries to Programmable Number Keys on page 471](#) for more information.

#### 7.5.2.4

### Responding to Private Calls

Follow the procedure to respond to Private Calls on your radio.

When you receive a Private Call:

- The green LED blinks.
- The **Private Call** icon appears in the top right corner.
- The first text line shows the caller alias.
- Your radio unmutes and the incoming call sounds through the speaker.

#### 1 Do one of the following:

-  If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the transmitting radio releases the **PTT** button, indicating the channel is free for you to respond. Press the **PTT** button to respond to the call.

-  If the Transmit Interrupt Remote Dekey feature is enabled, press the **PTT** button to stop an ongoing interruptible call and free the channel for you to respond.

The green LED lights up.

- 
- #### 2 Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
- 

- #### 3 Release the **PTT** button to listen.

The call ends when there is no voice activity for a predetermined period. A tone sounds. The display shows `Call Ended`.

---

#### 7.5.3

### All Calls

An All Call is a call from an individual radio to every radio on the channel. An All Call is used to make important announcements, requiring full attention from the user. The users on the channel cannot respond to an All Call.

## 7.5.3.1

## Making All Calls

Your radio must be programmed for you to make an All Call. Follow the procedure to make All Calls on your radio.

- 1 Select a channel with the active All Call group alias or ID.

- 
- 2 Press the **PTT** button to make the call.

The green LED lights up. The display shows the **Group Call** icon and **All Call**.

- 
- 3 Do one of the following:

- Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
-  Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.

Users on the channel cannot respond to an All Call.

## 7.5.3.2

## Making All Calls by Using the Alias Search

You can also use alias or alphanumeric search to retrieve the required subscriber alias. This feature is only applicable while in Contacts. If you release the **PTT** button while the radio is setting up the call, it exits without any indication and returns to the previous screen. If the target radio is not available, you hear a short tone and see **Party Not Available** on the display; the radio returns to the menu prior to initiating the radio presence check. Follow the procedure to make All Calls on your radio by using the alias search.



### NOTICE:

Press  button or  to exit alias search. If you release the **PTT** button while the radio is setting up the call, it exits without any indication and returns to the previous screen.

1

Press  to access the menu.

- 2 Press ▲ or ▼ to **Contacts**. Press  to select.  
The display shows the entries in alphabetical order.

---

- 3 Enter the first character of the required alias.  
The display shows a blinking cursor.

---

- 4 Enter the rest of the characters of the required alias.  
The alias search is case-insensitive. If there are two or more entries with the same name, the display shows the entry listed first in the list.  
The first text line shows the characters you entered.  
The following text lines show the shortlisted search results.

---

- 5 Press the **PTT** button to make the call.  
The green LED lights up. The display shows the destination ID, call type, and **Call** icon.

---

- 6 Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.

---

- 7 Release the **PTT** button to listen.  
The green LED blinks when the target radio responds.

---

- 8  If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the transmitting radio releases the **PTT** button, indicating the channel is free for you to respond. Press the **PTT** button to respond to the call.  
The call ends when there is no voice activity for a predetermined period. A tone sounds. The display shows **Call Ended**.

---

#### 7.5.3.3

### Making All Calls by Using the Programmable Number Key

Follow the procedure to make All Calls on your radio by using the programmable number key.

- 1 Long press the programmed number key assigned to the predefined alias or ID when you are on the Home screen.

If a number key is assigned to an entry in a particular mode, this feature is not supported when you long press the number key in another mode.

A negative indicator tone sounds if the number key is not associated to an entry.

---

### 2 Press the **PTT** button to make the call.

The green LED lights up. The first text line shows the subscriber alias. The second text line shows the call status.

---

### 3 Do one of the following:

- Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
-  Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.

---

### 4 Release the **PTT** button to listen.

The green LED lights up when the target radio responds. The display shows the destination alias.

---

### 5 If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the

transmitting radio releases the **PTT** button, indicating the channel is free for you to respond. Press the **PTT** button to respond to the call.

The call ends when there is no voice activity for a predetermined period. The radio returns to the screen you were on prior to initiating the call.

---

See [Assigning Entries to Programmable Number Keys on page 471](#) for more information.

#### 7.5.3.4

### Receiving All Calls

When you receive an All Call:

- A tone sounds.
- The green LED blinks.
- The display shows the **Group Call** icon at the top right corner.
- The first text line shows the caller alias ID.
- The second text line displays **All Call**.
- Your radio unmutes and the incoming call sounds through the speaker.

The radio returns to the screen before receiving the All Call when the call ends.

An All Call does not wait for a predetermined period before ending.

 If the Channel Free Indication feature is enabled, you hear a short alert tone when the transmitting radio releases the **PTT** button, indicating the channel is free for you to use.

You cannot respond to an All Call.



#### NOTICE:

The radio stops receiving the All Call if you switch to a different channel while receiving the call. You are not able to continue with any menu navigation or editing until the end of an All Call.

### 7.5.4

## Selective Calls

A Selective Call is a call from an individual radio to another individual radio. It is a Private Call on an analog system.

### 7.5.4.1

## Making Selective Calls

Your radio must be programmed for you to initiate a Selective Call. Follow the procedure to make Selective Calls on your radio.

- 1 Select a channel with the active subscriber alias or ID.
- 

- 2 Press the **PTT** button to make the call.

The green LED lights up. The display shows the **Private Call** icon, the subscriber alias, and call status.

---

- 3 Do one of the following:

- Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
  -  Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.
- 

- 4 Release the **PTT** button to listen.

The green LED lights up when the target radio responds.

---



- 5  If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the transmitting radio releases the **PTT** button, indicating the channel is free for you to respond. Press the **PTT** button to respond to the call.

The call ends when there is no voice activity for a predetermined period.

- 
- 6 The display shows `Call Ended`.
- 

#### 7.5.4.2

### Responding to Selective Calls

Follow the procedure to respond to Selective Calls on your radio.

When you receive a Selective Call:

- The green LED blinks.
- The first text line shows the **Private Call** icon and the caller alias or `Selective Call` or `Alert with Call`.

- Your radio unmutes and the incoming call sounds through the speaker.

- 1 Press the **PTT** button to respond to the call.  
The green LED lights up.
- 

- 2 Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
- 

- 3 Release the **PTT** button to listen.

The call ends when there is no voice activity for a predetermined period. A tone sounds. The display shows `Call Ended`.

---

#### 7.5.5

### Phone Calls

A Phone Call is a call from an individual radio to a telephone.

If Phone Call capability is not enabled in your radio:

- The display shows `Unavailable`.
- Your radio mutes the call.

- Your radio returns to the previous screen when the call ends.

During the Phone Call, your radio attempts to end the call when:

- You press the **One Touch Access** button with the deaccess code preconfigured.
- You enter the deaccess code as the input for extra digits.

During channel access, access or deaccess code, or extra digits transmission, your radio responds to the **On/Off**, **Volume Control**, and **Channel Selector** buttons or knobs only. A tone sounds for every invalid input.

During channel access, press  to dismiss the call attempt. A tone sounds.



#### NOTICE:

The access or deaccess code cannot be more than 10 characters.

Check with your dealer or system administrator for more information.

#### 7.5.5.1

## Making Phone Calls

Follow the procedure to make Phone Calls on your radio.

- 1 Do one of the following:
  - Press the programmed **Phone** button to enter into the Phone Entry list.
  - Press the programmed **One Touch Access** button. Proceed to Step 3.

- 2 Press  or  to the required alias or ID. Press  to select.

When you press the **PTT** button while on the Phone Contacts screen:

- A negative indicator tone sounds.
- The display shows `Press OK to Place Phone Call`.

The display shows `Access Code:` if the access code was not preconfigured.

- 3 Enter the access code, and press  to proceed.

The access or deaccess code cannot be more than 10 characters.

---

#### 4 Press the **PTT** button to make the call.

The green LED lights up. The display shows the **Phone Call** icon at the top right corner. The first text line shows the subscriber alias. The second text line shows the call status.

If the call is successful:

- The DTMF Tone sounds.
- You hear the dialing tone of the telephone user.
- The first text line shows the subscriber alias.
- The display continues to show the **Phone Call** icon at the top right corner.

If the call is unsuccessful:

- A tone sounds.
  - The display shows `Phone Call Failed and then, Access Code:`.
  - If the access code has been preconfigured in the Contacts list, your radio returns to the screen you were on before initiating the call.
- 

#### 5 Press the **PTT** button to respond to the call. Release the **PTT** button to listen.

---

#### 6 Enter extra digits with the keypad if requested by the call, and press to proceed.

If the call ends while you are entering the extra digits requested by the call, your radio returns to the screen you were on before initiating the call.

The Dual Tone Multi Frequency (DTMF) Tone sounds. Your radio returns to the previous screen.

---

#### 7 Press to end the call.

---

#### 8 Do one of the following:

- If the deaccess code was not preconfigured, enter the deaccess code when the display shows

`De-Access Code:`, and press  to proceed. The radio returns to the previous screen.

- Press the programmed **One Touch Access** button.
-

If the entry for the **One Touch Access** button is empty, a negative indicator tone sounds.

The DTMF Tone sounds and the display shows  
Ending Phone Call.

If the call ends successfully:

- A tone sounds.
- The display shows `Call Ended`.

If the call fails to end, the radio returns to the Phone Call screen. Repeat the last two steps or wait for the telephone user to end the call.

#### 7.5.5.2

### Making Phone Calls by Using the Contacts List

Follow the procedure to make Phone Calls on your radio by using the Contacts list.

- 1 Press  to access the menu.

- 2 Press  or  to `Contacts`. Press  to select.  
The display shows the entries in alphabetical order.

- 3 Press  or  to the required alias or ID. Press  to select.

When you press the **PTT** button while on the Phone Contacts screen:

- A negative indicator tone sounds.
- The display shows `Press OK to Place Phone Call`.

If the selected entry is empty:

- A negative indicator tone sounds.
- The display shows `Phone Call Invalid #`.

- 4 Press  or  to `Call Phone`. Press  to select.  
The display shows `Access Code:` if the access code was not preconfigured.

5

Enter the access code, and press  to proceed.

The access or deaccess code cannot be more than 10 characters.

The first text line shows `Calling`. The second text line shows the subscriber alias or ID, and the **Phone Call** icon.

If the call is successful:

- The DTMF Tone sounds.
- You hear the dialing tone of the telephone user.
- The first text line shows the subscriber alias or ID, and the **RSSI** icon.
- The second text line shows `Phone Call`, and the **Phone Call** icon.

If the call is unsuccessful:

- A tone sounds.
- The display shows `Phone Call Failed` and then, `Access Code:`.
- Your radio returns to the screen you were on prior to initiating the call if the access code has been preconfigured in the Contacts list.

6 Press the **PTT** button to respond to the call.

The **RSSI** icon disappears.

---

7 Release the **PTT** button to listen.

---

8 Enter extra digits with the keypad if requested by the

call, and press  to proceed.

If the call ends while you are entering the extra digits requested by the call, your radio returns to the screen you were on prior to initiating the call.

The DTMF Tone sounds. Your radio returns to the previous screen.

---

9

Press  to end the call.

---

10 If the deaccess code was not preconfigured, enter the deaccess code when the display shows De-

`Access Code:`, and press  to proceed.

The radio returns to the previous screen. The DTMF Tone sounds and the display shows `Ending Phone Call`.

If the call ends successfully:

- A tone sounds.
- The display shows `Call Ended`.

If the call fails to end, the radio returns to the Phone Call screen. Repeat [step 9](#) and [step 10](#), or wait for the telephone user to end the call. When you press the **PTT** button while in the Phone Contacts screen, as tone sounds and the display shows `Press OK to Place Phone Call`.

When the telephone user ends the call, a tone sounds and the display shows `Phone Call Ended`.

If the call ends while you are entering the extra digits requested by the Phone Call, your radio returns to the screen you were on prior to initiating the call.

### 7.5.5.3

## Making Phone Calls by Using the Alias Search

You can also use alias or alphanumeric search to retrieve the required subscriber alias. This feature is only applicable while in Contacts. If you release the **PTT** button while the radio is setting up the call, it exits without any indication

and returns to the previous screen. If the target radio is not available, you hear a short tone and see `Party Not Available` on the display; the radio returns to the menu prior to initiating the radio presence check. Follow the procedure to make Phone Calls on your radio by using the alias search.



### NOTICE:

Press  button or  to exit alias search. If you release the **PTT** button while the radio is setting up the call, it exits without any indication and returns to the previous screen.

1

Press  to access the menu.

---

2

Press  or  to `Contacts`. Press  to select. The display shows the entries in alphabetical order.

---

3

Enter the first character of the required alias. The display shows a blinking cursor.

---

4

Enter the rest of the characters of the required alias.

The alias search is case-insensitive. If there are two or more entries with the same name, the display shows the entry listed first in the list.

The first text line shows the characters you entered. The following text lines show the shortlisted search results.

- 
- 5 Press the **PTT** button to make the call.

The green LED lights up. The display shows the destination ID, call type, and **Phone Call** icon.

- 
- 6 Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.

- 
- 7 Release the **PTT** button to listen.

The green LED blinks when the target radio responds.

- 
- 8  If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the transmitting radio releases the **PTT** button, indicating the channel is free for you to respond. Press the **PTT** button to respond to the call.

The call ends when there is no voice activity for a predetermined period. A tone sounds. The display shows **Call Ended**.

---

#### 7.5.5.4

### Making Phone Calls by Using the Manual Dial

Follow the procedure to make Phone Calls on your radio by using the manual dial.

- 
- 1 Press  to access the menu.
- 
- 2 Press  or  to **Contacts**. Press  to select.
- 
- 3 Press  or  to **Manual Dial**. Press  to select.
-

4

Press ▲ or ▼ to Phone Number. Press  to select.

The display shows Number: and a blinking cursor.

---

5

Enter the telephone number, and press  to proceed.

The display shows Access Code: and a blinking cursor if the access code was not preconfigured.

---

6

Enter the access code, and press  to proceed.

The access or deaccess code cannot be more than 10 characters.

---

7

The green LED lights up. The display shows the **Phone Call** icon at the top right corner. The first text line shows the subscriber alias. The second text line shows the call status.

If the call is successful:

- The DTMF Tone sounds.
- You hear the dialing tone of the telephone user.

- The first text line shows the subscriber alias.
- The display continues to show the **Phone Call** icon at the top right corner.

If the call is unsuccessful:

- A tone sounds.
  - The display shows Phone Call Failed and then, Access Code:.
  - Your radio returns to the screen you were on before initiating the call if the access code has been preconfigured in the Contacts list.
- 

8 Press the **PTT** button to respond to the call.

---

9 Release the **PTT** button to listen.

---

10 Enter extra digits with the keypad if requested by the

call, and press  to proceed.



If the call ends while you are entering the extra digits requested by the call, your radio returns to the screen you were on before initiating the call.

The DTMF Tone sounds. Your radio returns to the previous screen.

11

Press  to end the call.

12 Do one of the following:

- If the deaccess code was not preconfigured, enter the deaccess code when the display shows

De-Access Code:, and press  to proceed. The radio returns to the previous screen.

- Press the programmed **One Touch Access** button.  
If the entry for the **One Touch Access** button is empty, a negative indicator tone sounds.

The DTMF Tone sounds and the display shows Ending Phone Call.

If the call ends successfully:

- A tone sounds.
- The display shows Call Ended.

If the call fails to end, the radio returns to the Phone Call screen. Repeat [step 11](#), or wait for the telephone user to end the call.

#### 7.5.5.5

### Making Phone Calls with the Programmable Phone Button

Follow the procedure to make a phone call with the programmable phone button.

- 1 Press the programmed **Phone** button to enter into the Phone Entry list.
- 2 Press  or  to the required alias or ID. Press  to select. If the access code was not preconfigured in the Contacts list, the display shows Access Code:. Enter the access code and press the  button to proceed.
  - The green LED lights up. The **Phone Call** icon appears in the top right corner. The first text line

shows the subscriber alias. The second text line displays the call status.

- If the call-setup is successful, the Dual Tone Multi Frequency (DTMF) tone sounds. You hear the dialing tone of the telephone user. The first text line shows the subscriber alias. The **Phone Call** icon remains in the top right corner. The second text line displays the call status.
- If call-setup is unsuccessful, a tone sounds and the display shows `Phone Call Failed`. Your radio returns to the Access Code input screen. If the access code was preconfigured in the Contacts list, the radio returns to the screen you were on prior to initiating the call.

---

**3** Press the **PTT** button to talk. Release the **PTT** button to listen.

---

**4** To enter extra digits, if requested by the Phone Call: Do one of the following:

- Press any keypad key to begin the input of the extra digits. The first line of the display shows `Extra Digits:`. The second line of the display shows a blinking cursor. Enter the extra digits

and press the  button to proceed. The Dual Tone Multi Frequency (DTMF) tone sounds and the radio returns to the previous screen.

- Press **One Touch Access** button. The Dual Tone Multi Frequency (DTMF) tone sounds. If the entry for the **One Touch Access** button is empty, a negative indicator tone sounds.
- 

**5**

Press  to end the call. If deaccess code was not preconfigured in the Contacts list, the first line of the display shows `De- Access Code:`. The second line of the display shows a blinking cursor. Enter the

deaccess code and press the  button to proceed.

- The Dual Tone Multi Frequency (DTMF) tone sounds and the display shows `Ending Phone Call`.
- If the end-call-setup is successful, a tone sounds and the display shows `Call Ended`.
- If the end-call-setup is unsuccessful, your radio returns to the Phone Call screen. Repeat [step 3](#)

and [step 5](#) or wait for the telephone user to end the call.

- When you press **PTT** button while in the Phone Contacts screen, a tone sounds and the display shows `Press OK to Place Phone Call`.
- When the telephone user ends the call, a tone sounds and the display shows `Phone Call Ended`.
- If the call ends while you are entering the extra digits requested by the Phone Call, your radio returns to the screen you were on prior to initiating the call.



#### NOTICE:

During channel access, press  to dismiss the call attempt and a tone sounds.

During the call, when you press **One Touch Access** button with the deaccess code preconfigured or enter the deaccess code as the input for extra digits, your radio attempts to end the call.

## Dual Tone Multi Frequency

The Dual Tone Multi Frequency (DTMF) feature allows your radio to operate in a radio system with an interface to the telephone systems.

Disabling all radio tones and alert will automatically turn off the DTMF tone.

### 7.5.5.6.1

## Initiating DTMF Tone

Follow the procedure to initiate a DTMF tone on your radio.

- 1 Press and hold the **PTT** button.
- 2 Do one of the following:
  - Enter the desired number to initiate a DTMF tone.
  - Press  to initiate a DTMF tone.
  - Press  to initiate a DTMF tone.

## 7.5.5.7

## Responding to Phone Calls as Private Calls

Follow the procedure to respond to Phone Calls as Private Calls on your radio.

When you receive a Phone Call as a Private Call:

- The display shows the **Phone Call** icon at the top right corner.
- The display shows the caller alias or Phone Call.

If Phone Call capability is not enabled on your radio, the first line of the display shows *Unavailable* and your radio mutes the call. Your radio returns to the previous screen when the call ends.

- 1 Press the **PTT** button to respond to the call. Release the **PTT** button to listen.

- 2

Press  to end the call.

The display shows *Ending Phone Call*.  
If the call ends successfully:

- A tone sounds.

- The display shows *Call Ended*.

If the call fails to end, the radio returns to the Phone Call screen. Repeat this step or wait for the telephone user to end the call.

## 7.5.5.8

## Responding to Phone Calls as Group Calls

Follow the procedure to respond to Phone Calls as Group Calls on your radio.

When you receive a Phone Call as a Group Call:

- The display shows the **Phone Call** icon at the top right corner.
- The display shows the group alias and Phone Call.

If Phone Call capability is not enabled on your radio, the first line of the display shows *Unavailable* and your radio mutes the call.

- 1 Press the **PTT** button to respond to the call. Release the **PTT** button to listen.

2

Press  to end the call.

The display shows `Ending Phone Call`.

If the call ends successfully:

- A tone sounds.
- The display shows `Call Ended`.

If the call fails to end, the radio returns to the Phone Call screen. Repeat this step or wait for the telephone user to end the call.

If Phone Call capability is not enabled on your radio, the first line of the display shows `Unavailable` and your radio mutes the call.

Your radio returns to the previous screen when the call ends.

---

1 Press the **PTT** button to respond to the call.

---

2 Release the **PTT** button to listen.

---

3

Press  to end the call.

The display shows `Ending Phone Call`.

If the call ends successfully:

- A tone sounds.
- The display shows `All Call` and `Call Ended`.

If the call fails to end, the radio returns to the Phone Call screen. Repeat [step 3](#) or wait for the telephone user to end the call.

---

#### 7.5.5.9

### Responding to Phone Calls as All Calls



When you receive a Phone Call as an All Call, you can respond to or end the call, only if an All Call type is assigned to the channel. Follow the procedure to respond to Phone Calls as All Calls on your radio.

When you receive a Phone Call as an All Call:

- The display shows the **Phone Call** icon at the top right corner.
- The display shows `All Call` and `Phone Call`.

## 7.5.6

## Initiating Transmit Interrupt

An ongoing call is interrupted, when you perform the following actions:

- Press the **Voice PTT** button.
- Press the **Emergency** button.
- Perform data transmission.
- Press the programmed **TX Interrupt Remote Dekey** button.

---

The recipient radio displays `Call Interrupted`.

## 7.5.7

## Broadcast Voice Calls

A Broadcast Voice Call is a one-way voice call from any user to an entire talkgroup.

The Broadcast Voice Call feature allows only the call initiating user to transmit to the talkgroup, while the recipients of the call cannot respond (no Call Hang Time).

Your radio must be programmed to allow you to use this feature. Check with your dealer or system administrator for more information.

## 7.5.7.1

### Making Broadcast Voice Calls

Program your radio to make Broadcast Voice Calls.

- 1 Select a channel with the active group alias or ID.
- 
- 2 Do one of the following:
    - Select a channel with the active group alias or ID.
    - Press the programmed **One Touch Access** button.
- 
- 3 Press the **PTT** button to make the call.  
 The green LED lights up. The display shows `Broadcast Call`, the **Group Call** icon and alias. The display shows the **Group Call** icon and alias.
- 
- 4 Do one of the following:
    - Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.

- Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.

**NOTICE:**

Users on the channel cannot respond to Broadcast Voice Calls.

The radio returns to the previous menu after the call ends.

## 7.5.7.2

## Making Broadcast Voice Calls by Using the Programmable Number Key

Follow the procedure to make Broadcast Voice Call on your radio by using the programmable number key.

- 1 On the **Home** screen, long press the programmed number key assigned to the predefined alias or ID.

If the number key is assigned to an entry in a particular mode, this feature is not supported when you long press the number key in another mode.

If the number key is not associated to an entry, a negative indicator tone sounds

- 2 Press the **PTT** button to make the call.

The green LED lights up. The first text line shows the subscriber alias. The second text line shows the call status.

- 3 Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.

Users on the channel cannot respond to a Broadcast Voice Call.

The radio returns to the previous menu after the call ends.

See [Assigning Entries to Programmable Number Keys on page 471](#) for more information.

## 7.5.7.3

## Making Broadcast Voice Calls by Using the Alias Search

You can use alias or alphanumeric search to retrieve the required subscriber alias. You can retrieve subscriber aliases this way only from Contacts. If you release the PTT button while this call is being set up, the call exits without any indication and returns to the previous screen. If the

target radio is not available, you hear a short tone and see **Party Not Available** on the display; the radio returns to the menu before initiating the radio presence check.



### NOTICE:

Press  button or  to exit alias search. If you release the **PTT** button while the radio is setting up the call, it exits without any indication and returns to the previous screen.

- 1 Press  to access the menu.

---

- 2 Press  or  to **Contacts**. Press  to select.  
The display shows the entries in alphabetical order.

---

- 3 Enter the first character of the required alias.  
The display shows a blinking cursor.

---

- 4 Enter the rest of the characters of the required alias.

The alias search is case-insensitive. If there are two or more entries with the same name, the display shows the entry listed first in the list.

The first text line shows the characters you entered. The following text lines show the shortlisted search results.

- 
- 5 Press the **PTT** button to make the call.

The green LED lights up. The display shows the destination ID, call type, and **Call** icon.

- 
- 6 Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.  
User on the channel cannot respond to a Broadcast Voice Call.  
  
The radio returns to the previous menu after the call ends.
- 

#### 7.5.7.4

### Receiving Broadcast Voice Calls

When you receive a Broadcast Voice Call:

- A tone sounds.



- The green LED blinks.
- The display shows the **Group Call** icon at the top right corner.
- The first text line shows the caller alias ID.
- The second text line displays `Broadcast Call`.
- Your radio unmutes and the incoming call sounds through the speaker.

When the call ends, the radio returns to the previous screen.

A Broadcast Voice Call does not wait for a predetermined period before ending.

You cannot respond to a Broadcast Voice Call.



#### NOTICE:

The radio stops receiving the Broadcast Voice Call if you switch to a different channel while receiving the call. You cannot continue with any menu navigation or editing until the end of the Broadcast Voice Call.

### 7.5.8

## Unaddressed Calls

An Unaddressed Call is a group call to one of the 16 predefined group IDs.

This feature is configured using CPS-RM. A contact for one of the predefined IDs is required to initiate and/or receive an Unaddressed Call. Check with your dealer or system administrator for more information.

### 7.5.8.1

## Making Unaddressed Calls

- 1 Select a channel with the active group alias or ID.
- 2 Do one of the following:
  - Select a channel with the active group alias or ID.
  - Press the programmed **One Touch Access** button.
- 3 Press the **PTT** button to make the call.  
The green LED lights up. The text line shows `Unaddress Call`, the **Group Call** icon and alias.
- 4 Do one of the following:
  - Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.

- Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.

#### 5 Release the **PTT** button to listen.

The green LED lights up when the target radio responds. A momentary tone sounds. The display shows `Unaddress Call`, the **Group Call** icon, and alias or ID, and the transmitting radio alias or ID.

#### 6 If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the transmitting radio releases the **PTT** button, indicating that the channel is free for you to respond. Press the **PTT** button to respond to the call.

The call ends when there is no voice activity for a predetermined period.

The call initiator can press  to end a Group Call.

### 7.5.8.2

## Responding to Unaddressed Calls

When you receive an Unaddressed Call:

- The green LED blinks.

- A momentary tone sounds.
- The text line shows `Unaddress Call`, the caller alias, and the group call alias.
- Your radio unmutes and the incoming call sounds through the speaker.

#### 1 Do one of the following:

- If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the transmitting radio releases the **PTT** button, indicating the channel is free for you to respond. Press the **PTT** button to respond to the call.
- If the Voice Interrupt feature is enabled, press the **PTT** button to interrupt the audio from the transmitting radio and free the channel for you to respond.

The green LED lights up.

#### 2 Do one of the following:

- Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
- Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.

- 3 Release the **PTT** button to listen.

The call ends when there is no voice activity for a predetermined period.

---

#### 7.5.9

### Open Voice Channel Mode (OVCM)

An Open Voice Channel Mode (OVCM) allows a radio that is not preconfigured to work in a particular system to both receive and transmit during a group or individual call.

The OVCM group call also supports broadcast calls. Program your radio to use this feature. Check with your dealer or system administrator for more information.

#### 7.5.9.1

### Making OVCM Calls

Your radio must be programmed for you to make an OVCM Call. Follow the procedure to make OVCM Calls on your radio.

- 1 Select a channel with the active group alias or ID.
  - 2 Do one of the following:
- 

- Select a channel with the active group alias or ID.
  - Press the programmed **One Touch Access** button.
- 

- 3 Press the **PTT** button to make the call.

The green LED lights up.

The text line shows the call type icon, OVCM and alias, indicating that the radio has entered OVCM State.

---

- 4 Do one of the following:

- Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
  - Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.
- 

#### 7.5.9.2

### Responding to OVCM Calls

When you receive an OVCM Call:

- The green LED blinks.
- The text line shows the call type icon, OVCM, and alias.

- Your radio unmutes and the incoming call sounds through the speaker.

**NOTICE:**

Recipient users are not allowed to Talkback during a Broadcast Call. The display shows **Talkback Prohibit**. If the **PTT** button is pressed during a Broadcast Call, the Talkback Prohibit Tone sounds momentarily.

**1** Do one of the following:

- If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the transmitting radio releases the **PTT** button, indicating the channel is free for you to respond. Press the **PTT** button to respond to the call.
- If the Voice Interrupt feature is enabled, press the **PTT** button to interrupt the audio from the transmitting radio and free the channel for you to respond.

The green LED lights up.

**2** Do one of the following:

- Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.

- Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.

**3** Release the **PTT** button to listen.

The call ends when there is no voice activity for a predetermined period.

## 7.6

## Advanced Features

This chapter explains the operations of the features available in your radio.

Your dealer or system administrator may have customized your radio for your specific needs. Check with your dealer or system administrator for more information.

## 7.6.1

### Bluetooth®

This feature allows you to use your radio with a Bluetooth-enabled device (accessory) through a Bluetooth connection. Your radio supports both Motorola Solutions and Commercially available Off-The-Shelf (COTS) Bluetooth-enabled devices.

Bluetooth operates within a range of 10 m (32ft) line of sight. This is an unobstructed path between your radio and your Bluetooth-enabled device. For high degree of reliability, Motorola Solutions recommends to not separate the radio and the accessory.

At the fringe areas of reception, both voice and tone quality start to sound "garbled" or "broken". To correct this problem, position your radio and Bluetooth-enabled device closer to each other (within the 10 m defined range) to re-establish clear audio reception. The Bluetooth function of your radio has maximum power of 2.5 mW (4 dBm) at the 10 m range.

Your radio can support up to three simultaneous Bluetooth connections with Bluetooth-enabled devices of unique types. For example, a headset, a scanner, a sensor device, and a PTT-Only Device (POD).

Refer to the user manual of your respective Bluetooth-enabled device for more details on the full capabilities of your Bluetooth-enabled device.

Your radio connects to the Bluetooth-enabled device within range with either the strongest signal strength, or to one which it has connected to before in a prior session. Do not turn off your Bluetooth-enabled device or press the home

back button  during the finding and connecting operation as this cancels the operation.

#### 7.6.1.1

### Turning Bluetooth On and Off

Follow the procedure to turn Bluetooth on and off.

- 1 Press  to access the menu.

---

- 2 Press  or  to Bluetooth. Press  to select.

---

- 3 Press  or  to My Status. Press  to select.  
The display shows On and Off. The current status is indicated by a .

---

- 4 Do one of the following:
  - Press  or  to On. Press  to select. The display shows  beside On.

- Press ▲ or ▼ to Off. Press  to select.  
The display shows ✓ beside Off.

## 7.6.1.2

## Connecting to Bluetooth Devices

Follow the procedure to connect to Bluetooth devices.

Turn on your Bluetooth-enabled device and place it in pairing mode.

- Press  to access the menu.
- Press ▲ or ▼ to Bluetooth. Press  to select.
- Press ▲ or ▼ to Devices. Press  to select.
- Do one of the following:
  - Press ▲ or ▼ to the required device. Press  to select.

- Press ▲ or ▼ to Find Devices to locate available devices. Press ▲ or ▼ to the required device. Press  to select.

- Press ▲ or ▼ to Connect. Press  to select.  
Your Bluetooth-enabled device may require additional steps to complete the pairing. Refer to the user manual of your Bluetooth-enabled device.  
The display shows Connecting to <Device>.

Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows <Device> Connected and the **Bluetooth Connected** icon.
- The display shows ✓ beside the connected device.

If unsuccessful:

- A negative indicator tone sounds.
- The display shows Connecting Failed.

## 7.6.1.3

## Connecting to Bluetooth Devices in Discoverable Mode

Follow the procedure to connect to Bluetooth devices in discoverable mode.

Turn on your Bluetooth-enabled device and place it in pairing mode.

- 1 Press  to access the menu.

---

- 2 Press  or  to Bluetooth. Press  to select.

---

- 3 Press  or  to Find Me. Press  to select.  
The radio can now be found by other Bluetooth-enabled devices for a programmed duration. This is called Discoverable Mode.

Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.

- The display shows <Device> Connected and the **Bluetooth Connected** icon.

- The display shows  beside the connected device.

If unsuccessful:

- A negative indicator tone sounds.
- The display shows Connecting Failed.

## 7.6.1.4

## Disconnecting from Bluetooth Devices

Follow the procedure to disconnect from Bluetooth devices.

- 1 Press  to access the menu.

---

- 2 Press  or  to Bluetooth. Press  to select.

---

- 3 Press  or  to Devices. Press  to select.

---

- 4 Press  or  to the required device. Press  to select.

5

Press ▲ or ▼ to Disconnect. Press  to select.

The display shows Disconnecting from <Device>.

Wait for acknowledgment.

- A tone sounds.
- The display shows <Device> Disconnected and the **Bluetooth Connected** icon disappears.
- The ✓ disappears beside the connected device.

#### 7.6.1.5

### Switching Audio Route between Internal Radio Speaker and Bluetooth Device

Follow the procedure to toggle audio routing between internal radio speaker and external Bluetooth device.

Press the programmed **Bluetooth Audio Switch** button.

The display shows one of the following results:

- A tone sounds. The display shows Route Audio to Radio.
- A tone sounds. The display shows Route Audio to Bluetooth.

#### 7.6.1.6

### Viewing Device Details

Follow the procedure to view device details on your radio.

1

Press  to access the menu.

2

Press ▲ or ▼ to Bluetooth. Press  to select.

3

Press ▲ or ▼ to Devices. Press  to select.

4

Press ▲ or ▼ to the required device. Press  to select.



- 5 Press ▲ or ▼ to View Details. Press  to select.
- 

- 6 Enter a new device name. Press  to select.  
The display shows Device Name Saved.
- 

## 7.6.1.7

## Editing Device Name

Follow the procedure to edit the name of available Bluetooth-enabled devices.

- 1 Press  to access the menu.

---

- 2 Press ▲ or ▼ to Bluetooth. Press  to select.

---

- 3 Press ▲ or ▼ to Devices. Press  to select.

---

- 4 Press ▲ or ▼ to the required device. Press  to select.

---

- 5 Press ▲ or ▼ to Edit Name. Press  to select.

---

## 7.6.1.8

## Deleting Device Name

You can remove a disconnected device from the list of Bluetooth-enabled devices.

- 1 Press  to access the menu.

---

- 2 Press ▲ or ▼ to Bluetooth. Press  to select.

---

- 3 Press ▲ or ▼ to Devices. Press  to select.

---

- 4 Press ▲ or ▼ to the required device. Press  to select.

---

- 5 Press ▲ or ▼ to Delete. Press  to select.  
The display shows Device Deleted.
- 

## 7.6.1.9

## Bluetooth Mic Gain

This feature allows the user to control the microphone gain value of the connected Bluetooth-enabled device.

- 1 Press  to access the menu.
- 
- 2 Press ▲ or ▼ to Bluetooth. Press  to select.
- 
- 3 Press ▲ or ▼ to BT Mic Gain. Press  to select.
- 
- 4 Press ▲ or ▼ to the BT Mic Gain type and the current values. Press  to select. You can edit the values here.
- 

- 5 Press ▲ or ▼ to increase or to decrease values.  
Press  to select.
- 

## 7.6.1.10

## Permanent Bluetooth Discoverable Mode

The Permanent Bluetooth Discoverable Mode must be enabled by the dealer or system administrator.



### NOTICE:

If enabled, Bluetooth is **not** displayed in the Menu and you cannot use any Bluetooth programmable button features.

Other Bluetooth-enabled devices can locate your radio, but the devices cannot connect to the radio. The Permanent Bluetooth Discoverable Mode enables dedicated devices to use your radio position in the process of Bluetooth-based location.

## 7.6.2

## Indoor Location

**NOTICE:**

Indoor Location feature is applicable for models with the latest software and hardware. Check with your dealer or system administrator for more information.

Indoor Location is use to keep track of the location of radio users. When Indoor Location is activated, the radio is in a limited discoverable mode. Dedicated beacons are used to locate the radio and determine its position.

## 7.6.2.1

## Turning Indoor Location On or Off

You can turn on or turn off Indoor Location by performing one of the following actions.

- Access this feature through the menu.

- a. Press  to access the menu.
- b. Press  or  to Bluetooth and press  to select.

- c. Press  or  to Indoor Location and press  to select.

- d. Press  to turn on Indoor Location.

The display shows Indoor Location On. You hear a positive indicator tone.

One of the following scenarios occurs.

- If successful, the Indoor Location Available icon appears on the Home screen display.
- If unsuccessful, the display shows Turning On Failed. You hear a negative indicator tone.

- e. Press  to turn off Indoor Location.

The display shows Indoor Location Off. You hear a positive indicator tone.

One of the following scenarios occurs.

- If successful, the Indoor Location Available icon disappears on the Home screen display.

- If unsuccessful, the display shows **Turning Off Failed**. You hear a negative indicator tone.
- Access this feature by using the programmed button.
- a. Long press the programmed **Indoor Location** button to turn on Indoor Location.

The display shows **Indoor Location On**. You hear a positive indicator tone.  
One of the following scenarios occurs.

- If successful, the Indoor Location Available icon appears on the Home screen display.
  - If unsuccessful, the display shows **Turning On Failed**. If unsuccessful, you hear a negative indicator tone.
- b. Press the programmed **Indoor Location** button to turn off Indoor Location.
- The display shows **Indoor Location Off**. You hear a positive indicator tone.  
One of the following scenarios occurs.
- If successful, the Indoor Location Available icon disappears on the Home screen display.

- If unsuccessful, the display shows **Turning Off Failed**. If unsuccessful, you hear a negative indicator tone.

#### 7.6.2.2

### Accessing Indoor Location Beacons Information

Follow the procedure to access Indoor Location beacons information.

- 1 Press  to access the menu.
- 2 Press  or  to Bluetooth and press  to select.
- 3 Press  or  to Indoor Location and press  to select.

4

Press ▲ or ▼ to Beacons and press  to select.

The display shows the beacons information.

### 7.6.3

## Job Tickets

This feature allows your radio to receive messages from the dispatcher listing out tasks to perform.



#### NOTICE:

This feature can be customized through the Customer Programming Software (CPS) according to user requirements. Check with your dealer or system administrator for more information.

There are two folders that contain different Job Tickets:

#### My Tasks folder

Personalized Job Tickets assigned to your signed in user ID.

#### Shared Tasks folder

Shared Job Tickets assigned to a group of individuals.

You can respond to Job Tickets in order to sort them into Job Ticket Folders. By default, the folders are **All**, **New**, **Started**, and **Completed**.

Job Tickets are retained even after the radio is turned off and turned on again.

All Job Tickets are located in the **All** folder. Depending on how your radio is programmed, Job Tickets are sort by their priority level followed by time received. New Job Tickets, Job Tickets with recent changes in state, and Job Tickets with the highest priority are listed first.

Upon reaching the maximum number of Job Tickets, the next Job Ticket automatically replaces the last Job Ticket in your radio. Your radio supports a maximum of 100 or 500 Job Tickets, depending on your radio model. Check with your dealer or system administrator for more information. Your radio automatically detects and discards duplicated Job Tickets with the same Job Ticket ID.

Depending on the importance of the Job Tickets, the dispatcher adds a Priority Level to them. There are three priority levels: Priority 1, Priority 2, and Priority 3. Priority 1 has the highest priority and Priority 3 has the lowest priority. There are also Job Tickets with no priority.

Your radio updates accordingly when dispatcher makes the following changes:

- Modify content of Job Tickets.
- Add or edit Priority Level of Job Tickets.
- Move Job Tickets from folder to folder.
- Canceling of Job Tickets.

### 7.6.3.1

## Accessing the Job Ticket Folder

Follow the procedure to access the Job Ticket folder.

1 Do one of the following:

- Press the programmed **Job Ticket** button. Proceed to [step 3](#).
- Press  to access the menu.

2

Press  or  to Job Tickets. Press  to select.

3

Press  or  to the required folder. Press  to select.

4 Press  or  to the required Job Ticket. Press



to select.

### 7.6.3.2

## Logging In or Out of the Remote Server

This feature allows you to log in and log out of the remote server by using your user ID.

1

Press  to access the menu.

2

Press  or  to Log In. Press  to select.

If you are already logged in, menu displays Log Out.

The display shows a transitional mini notice, indicating the request is in progress.

3 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
- The display shows a negative mini notice.

### 7.6.3.3

## Creating Job Tickets

Your radio is able to create Job Tickets, which are based on a Job Ticket template and send out tasks that need to be performed.

CPS programming software is required to configure the Job Ticket template.

- 1 Press  to access the menu.
- 2 Press  or  to Job Tickets. Press  to select.
- 3 Press  or  to Create Ticket. Press  to select.

### 7.6.3.4

## Sending Job Tickets Using One Job Ticket Template

If your radio is configured with one Job Ticket template, perform the following actions to send the Job Ticket.

- 1 Use the keypad to type the required room number.

Press  to select.

- 2

Press  or  to Room Status. Press  to select.

- 3

Press  or  to the required option. Press  to select.

- 4

Press  or  to Send. Press  to select.

The display shows a transitional mini notice, indicating the request is in progress.

### 5 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
  - The display shows a negative mini notice.
- 

#### 7.6.3.5

### Sending Job Tickets Using More Than One Job Ticket Template

If your radio is configured with more than one Job Ticket template, perform the following actions to send the Job Tickets.

1

Press ▲ or ▼ to the required option. Press  to select.

---

2

Press ▲ or ▼ to Send. Press  to select.

The display shows a transitional mini notice, indicating the request is in progress.

---

### 3 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
  - The display shows a negative mini notice.
- 

#### 7.6.3.6

### Responding to Job Tickets

Follow the procedure to respond to job tickets on your radio.

1

Press  to access the menu.

---



2 Press ▲ or ▼ to Job Tickets. Press  to select.

---

3 Press ▲ or ▼ to the required folder. Press  to select.

---

4 Press ▲ or ▼ to the required job ticket. Press  to select.

---

5 Press  once more to access the sub-menu.  
You can also press the corresponding number key (1–9) to **Quick Reply**.

---

6 Press ▲ or ▼ to the required job ticket. Press  to select.

The display shows a transitional mini notice, indicating the request is in progress.

---

7 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
  - The display shows a negative mini notice.
- 

#### 7.6.3.7

### Deleting Job Tickets

Follow the procedure to delete job tickets on your radio.

1 Do one of the following:

- Press the programmed **Job Ticket** button.  
Proceed to [step 4](#)

- Press  to access the menu.
-

2 Press ▲ or ▼ to Job Tickets. Press  to select.

---

3 Press ▲ or ▼ to the required folder. Press  to select.

---

4 Press ▲ or ▼ to All folder. Press  to select.

---

5 Press ▲ or ▼ to the required Job Ticket. Press  to select.

---

6 Press  again while viewing the Job Ticket.

---

7 Press ▲ or ▼ to Delete. Press  to select.  
The display shows a transitional mini notice, indicating the request is in progress.

---

8 Wait for acknowledgment.  
If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
  - The display shows a negative mini notice.
- 

#### 7.6.3.8

### Deleting All Job Tickets

Follow the procedure to delete all job tickets on your radio.

- 1 Do one of the following:
    - Press the programmed **Job Ticket** button. Proceed to [step 3](#).
    - Press  to access the menu.
- 

- 2 Press ▲ or ▼ to Job Tickets. Press  to select.
-

3 Press ▲ or ▼ to the required folder. Press  to select.

4 Press ▲ or ▼ to All folder. Press  to select.

5 Press ▲ or ▼ to Delete All. Press  to select.

6 Do one of the following:

- Press ▲ or ▼ to Yes. Press  to select. The display shows a positive mini notice.
- Press ▲ or ▼ to No. Press  to select. The radio returns to the previous screen.

## Multi-Site Control



Your radio is able to search for sites and switch between sites when signal is weak or your radio is unable to detect any signal from the current site.

When the signal is strong, the radio remains on the current site.

This setting is applicable when your current radio channel is part of an IP Site Connect or Capacity Plus–Multi-Site configuration.

Your radio can perform either one of the following site searches:

- Automatic Site Search
- Manual Site Search

If the current channel is a multi-site channel with an attached roam list and is out of range, and the site is unlocked, your radio also performs automatic site search.

### 7.6.4.1

## Enabling Manual Site Search

- 1 Perform one of the following actions:

- Press the programmed **Manual Site Roam** button. Skip the following steps.
- Press  to access the menu.

---

**2** Press  or  to Utilities. Press  to select.

---

**3** Press  or  to Radio Settings. Press  to select.

---

**4** Press  or  to Site Roaming. Press  to select.

---

**5** Press  or  to Active Search. Press  to select.

A tone sounds. The green LED blinks. The display shows `Finding Site`.

---

If the radio finds a new site, your radio shows the following indications:

- A positive tone sounds.

- The LED extinguishes.
- The display shows `Site <Alias> Found`.

If the radio fails to find a new site, your radio shows the following indications:

- A negative tone sounds.
- The LED extinguishes.
- The display shows `Out of Range`.

If a new site is within range, but the radio is unable to connect to it, your radio shows the following indications:

- A negative tone sounds.
- The LED turns off.
- The display shows `Channel Busy`.

#### 7.6.4.2

### Site Lock On/Off

When toggled on, the radio searches the current site only. When toggled off, the radio searches other sites in addition to the current site.

Press the programmed **Site Lock** button.

If the **Site Lock** function is toggled on:

- You hear a positive indicator tone, indicating the radio has locked to the current site.
- The display shows `Site Locked`.

If the **Site Lock** function is toggled off:

- You hear a negative indicator tone, indicating the radio is unlocked.
- The display shows `Site Unlocked`.

- Symbols
- Predictive or Multi-Tap
- Language (If programmed)



**NOTICE:**

Press  at any time to return to the previous

screen or long press  to return to the Home Screen. The radio exits the current screen once the inactivity timer expires.

### 7.6.5

## Text Entry Configuration

Your radio allows you to configure different text.

You can configure the following settings for entering text on your radio:

- Word Predict
- Word Correct
- Sentence Cap
- My Words

Your radio supports the following text entry methods:

- Numbers

### 7.6.5.1

## Word Predict

Your radio can learn common word sequences that you often enter. It then predicts the next word you may want to use after you enter the first word of a common word sequence into the text editor.

1

Press  to access the menu.

2

Press  or  to Utilities. Press  to select.

3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Text Entry. Press  to select.

---

5 Press ▲ or ▼ to Word Predict. Press  to select.

---

6 Do one of the following:

- Press  to enable Word Predict. If enabled, ✓ appears beside Enabled.
  - Press  to disable Microphone Dynamic Distortion Control. If disabled, ✓ disappears beside Enabled.
- 

## Sentence Cap

This feature is used to automatically enable capitalization of the first letter in the first word for every new sentence.

1 Press  to access the menu.

---

2 Press ▲ or ▼ to Utilities. Press  to select.

---

3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Text Entry. Press  to select.

---

5 Press ▲ or ▼ to Sentence Cap. Press  to select.

---

6 Do one of the following:

- Press  to enable Sentence Cap. If enabled, ✓ appears beside Enabled.
  - Press  to disable Sentence Cap. If disabled, ✓ disappears beside Enabled.
- 

## 7.6.5.3

## Viewing Custom Words

You can add your own custom words into the in-built dictionary of your radio. Your radio maintains a list to contain these words.

- 1 Press  to access the menu.
  - 2 Press  or  to Utilities. Press  to select.
  - 3 Press  or  to Radio Settings. Press  to select.
- 

- 4 Press  or  to Text Entry. Press  to select.
- 5 Press  or  to My Words. Press  to select.
- 6 Press  or  to List of Words. Press  to select.

The display shows the list of custom words.

---

## 7.6.5.4

## Editing Custom Words

You can edit custom words saved in your radio.

- 1 Press  to access the menu.
  - 2 Press  or  to Utilities. Press  to select.
-

3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Text Entry. Press  to select.

---

5 Press ▲ or ▼ to My Words. Press  to select.

---

6 Press ▲ or ▼ to List of Words. Press  to select.  
Display shows the list of custom words.

---

7 Press ▲ or ▼ to the required word. Press  to select.

---

8 Press ▲ or ▼ to Edit. Press  to select.

---

9 Use the keypad to edit your custom word.

- Press ◀ to move one space to the left.
  - Press ▶ key to move one space to the right.
  - Press the  key to delete any unwanted characters.
  - Long press  to change text entry method.
- 

10 Press  once your custom word is completed.

---

The display shows transitional mini notice, confirming your custom word is being saved.

- If the custom word is saved, a tone sounds and the display shows positive mini notice.
- If the custom word is not saved, a low tone sounds and the display show negative mini notice.

#### 7.6.5.5

### Adding Custom Words

You can add custom words into the in-built radio dictionary.



- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities. Press  to select.

---

- 3 Press  or  to Radio Settings. Press  to select.

---

- 4 Press  or  to Text Entry. Press  to select.

---

- 5 Press  or  to My Words. Press  to select.

---

- 6 Press  or  to Add New Word. Press  to select.  
Display shows the list of custom words.

---

- 7 Use the keypad to edit your custom word.
  - Press  to move one space to the left.

- Press  key to move one space to the right.
- Press the  key to delete any unwanted characters.
- Long press  to change text entry method.

- 8 Press  once your custom word is completed.

The display shows transitional mini notice, confirming your custom word is being saved.

- If the custom word is saved, a tone sounds and the display show positive mini notice.
- If the custom word is not saved, a low tone sounds and the display show negative mini notice.

#### 7.6.5.6

### Deleting a Custom Word

You can delete the custom words saved in your radio.

- 1 Press  to access the menu.

2 Press ▲ or ▼ to Utilities. Press  to select.

---

3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Text Entry. Press  to select.

---

5 Press ▲ or ▼ to My Words. Press  to select.

---

6 Press ▲ or ▼ to the required word. Press  to select.

---

7 Press ▲ or ▼ to Delete. Press  to select.

---

8 Choose one of the following.

- At Delete Entry?, press  to select Yes. The display shows Entry Deleted.

- Press ▲ or ▼ to No. Press  to return to the previous screen.
- 

### 7.6.5.7

## Deleting All Custom Words

You can delete all custom words from the in-built dictionary of your radio.

1 Press  to access the menu.

---

2 Press ▲ or ▼ to Utilities. Press  to select.

---

3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Text Entry. Press  to select.

---

5 Press ▲ or ▼ to My Words. Press  to select.

---

- 6 Press ▲ or ▼ to Delete All. Press  to select.
- 

7 Do one of the following:

- At Delete Entry?, press  to select Yes. The display shows Entry Deleted.
  - Press ▲ or ▼ to No to return to the previous screen. Press  to select.
- 

## 7.6.6

### Talkaround

This feature allows you to continue communicating when your repeater is non-operational, or when your radio is out of range from the repeater but within the talk range of other radios.

The talkaround setting is retained even after powering down.



#### NOTICE:

This feature is not applicable in Capacity Plus–Single-Site, Capacity Plus–Multi-Site, and Citizens Band channels that are in the same frequency.

## 7.6.6.1

### Toggling Between Repeater and Talkaround Modes

Follow the procedure to toggle between Repeater and Talkaround modes on your radio.

1 Do one of the following:

- Press the programmed **Repeater/Talkaround** button. Skip the following steps.
  - Press  to access the menu.
- 

2

Press ▲ or ▼ to Utilities. Press  to select.

---

3

Press ▲ or ▼ to Radio Settings. Press  to select.

---

4

Press ▲ or ▼ to Talkaround. Press  to select.

If enabled, ✓ appears beside Enabled.

If disabled, ✓ disappears beside Enabled.

The screen automatically returns to the previous screen.

## 7.6.7

## Monitor Feature

The feature allows you to ensure that a channel is free before transmitting.



### NOTICE:

This feature is not applicable in Capacity Plus—Single-Site and Capacity Plus—Multi-Site.

## 7.6.7.1

### Monitoring Channels

Follow the procedure to monitor channels.

1 Long press the programmed **Monitor** button.

The **Monitor** icon appears on the display and the LED lights up solid yellow.

If the channel is in use:

- The display shows the **Monitor** icon.
- You hear radio activity or total silence.
- The yellow LED lights up.

If the monitored channel is free, you hear a “white noise”.

2 Press the **PTT** button to talk. Release the **PTT** button to listen.

## 7.6.7.2

### Permanent Monitor

The Permanent Monitor feature is used to continuously monitor a selected channel for activity.

## 7.6.7.2.1

## Turning Permanent Monitor On or Off

Follow the procedure to turn Permanent Monitor on or off on your radio.

Press the programmed **Permanent Monitor** button.

When the radio enters the mode:

- An alert tone sounds.
- The yellow LED lights up.
- The display shows `Permanent Monitor On` and the **Monitor** icon.

When the radio exits the mode:

- An alert tone sounds.
- The yellow LED turns off.
- The display shows `Permanent Monitor Off`.

If this feature is enabled through CPS, when your radio is not set to the home channel for a period of time, the following occurs periodically:

- The Home Channel Reminder tone and announcement sound.
- The first line of the display shows `Mon.`
- The second line shows `Home Channel`.

You can respond to the reminder by performing one of the following actions:

- Return to the home channel.
- Mute the reminder temporarily using the programmable button.
- Set a new home channel using the programmable button.

## 7.6.8.1

## Muting the Home Channel Reminder

When the Home Channel Reminder sounds, you can temporarily mute the reminder.

## 7.6.8

## Home Channel Reminder

This feature provides a reminder when the radio is not set to the home channel for a period of time.

Press the programmed **Silence Home Channel Reminder** button.

The display shows HCR Silenced.

### 7.6.8.2

## Setting New Home Channels

When the Home Channel Reminder occurs, you can set a new home channel.

1 Do one of the following:

- Press the **Reset Home Channel** programmable button to set the current channel as the new Home Channel. Skip the following steps. The first line of the display shows the channel alias and the second line shows New Home Ch.

- Press  to access the menu.

2

Press  or  to Utilities. Press  to select.

3

Press  or  to Radio Settings. Press  to select.

4

Press  or  to Home Channel. Press  to select.

5

Press  or  to the desired new home channel alias. Press  to select.

The display shows  beside the selected home channel alias.

### 7.6.9

## Radio Check

This feature allows you to determine if another radio is active in a system without disturbing the radio user. No audible or visual notification is shown on the target radio. This feature is only applicable for subscriber aliases or IDs. Your radio must be programmed to allow you to use this feature.

## 7.6.9.1

## Sending Radio Checks

Follow the procedure to send radio checks on your radio.

- 1 Press the programmed **Radio Check** button.
- 2 Press  or  to the required alias or ID. Press  to select.

The display shows a transitional mini notice, indicating the request is in progress. The green LED lights up.

Wait for acknowledgment.

If you press  when the radio is waiting for acknowledgment, a tone sounds, the radio terminates all retries, and exits Radio Check mode.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.

- The display shows a negative mini notice.

The radio returns to the subscriber alias or ID screen.

## 7.6.10

## Remote Monitor

This feature is used to turn on the microphone of a target radio with a subscriber alias or ID. You can use this feature to remotely monitor any audible activity surrounding the target radio.

There are two types of Remote Monitor:

- Remote Monitor without Authentication
- Remote Monitor with Authentication.

Authenticated Remote Monitor is a purchasable feature. In Authenticated Remote Monitor, verification is required when your radio turns on the microphone of a target radio.

When your radio initiates this feature on a target radio with User Authentication, a passphrase is required. The passphrase is preprogrammed into the target radio through CPS.

Both your radio and the target radio must be programmed to allow you to use this feature.

This feature stops after a programmed duration or when there is any user operation on the target radio.

### 7.6.10.1

## Initiating Remote Monitor

Follow the procedure to initiate Remote Monitor on your radio.

1 Press the programmed **Remote Monitor** button.

---

2 Press ▲ or ▼ to the required alias or ID.

---

3 Press  to select. One of the following scenarios occurs:

- The display shows a transitional mini notice, indicating the request is in progress. The green LED lights up.
- A passphrase screen appears.

Enter the passphrase. Press  to proceed.

- If the passphrase is correct, the display shows a transitional mini notice, indicating the

request is in progress. The green LED lights up.

- If the passphrase is incorrect, the display shows a negative mini notice, and returns to the previous screen.
- 

4 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.
- The audio from the monitored radio starts playing for a programmed duration, and the display shows **Rem. Monitor**. Once the timer expires, an alert tone sounds, and the LED turns off.

If unsuccessful:

- A negative indicator tone sounds.
  - The display shows a negative mini notice.
-



## 7.6.10.2

## Initiating Remote Monitor by Using the Contacts List

Follow the procedure to initiate Remote Monitor on your radio by using the Contacts list.

- 1 Press  to access the menu.

---

- 2 Press  or  to **Contacts**. Press  to select.

---

- 3 Press  or  to the required alias or ID. Press  to select.

---

- 4 Press  or  to **Remote Mon..**

---

- 5 Press  to select. One of the following scenarios occurs:
  - The display shows a transitional mini notice, indicating the request is in progress. The green LED lights up.

- A passphrase screen appears.

Enter the passphrase. Press  to proceed.

- If the passphrase is correct, the display shows a transitional mini notice, indicating the request is in progress. The green LED lights up.
- If the passphrase is incorrect, the display shows a negative mini notice, and returns to the previous screen.

### 6 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.
- The audio from the monitored radio starts playing for a programmed duration, and the display shows **Rem. Monitor**. Once the timer expires, an alert tone sounds, and the LED turns off.

If unsuccessful:

- A negative indicator tone sounds.

- The display shows a negative mini notice.

## 7.6.10.3

## Initiating Remote Monitor by Using the Manual Dial

Follow the procedure to initiate Remote Monitor on your radio by using the manual dial.

- 1 Press  to access the menu.
- 2 Press  or  to **Contacts**. Press  to select.
- 3 Press  or  to **Manual Dial**. Press  to select.
- 4 Press  or  to **Radio Number**. Press  to select.
- 5 Do one of the following:

- Enter the subscriber alias or ID, and press  to proceed.
- Edit the previously dialed ID, and press  to proceed.

6 Press  or  to **Remote Mon..**

7 Press  to select. One of the following scenarios occurs:

- The display shows a transitional mini notice, indicating the request is in progress. The green LED lights up.
- A passphrase screen appears.

Enter the passphrase. Press  to proceed.

- If the passphrase is correct, the display shows a transitional mini notice, indicating the request is in progress. The green LED lights up.

- If the passphrase is incorrect, the display shows a negative mini notice, and returns to the previous screen.

## 8 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.
- The audio from the monitored radio starts playing for a programmed duration, and the display shows *Rem. Monitor*. Once the timer expires, an alert tone sounds, and the LED turns off.

If unsuccessful:

- A negative indicator tone sounds.
- The display shows a negative mini notice.

through the channel or group sequence specified in the scan list for the current channel or group.

Your radio can support up to 250 scan lists, with a maximum of 16 members in a list.

Each scan list supports a mixture of both analog and digital entries.

You can add, delete, or prioritize channels by editing a scan list.

You can attach a new scan list to your radio by using Front Panel Programming. See [Front Panel Programming on page 204](#) for more information.

The **Priority** icon appears on the left of the member alias, if set, to indicate whether the member is on a Priority 1 or Priority 2 channel list. You cannot have multiple Priority 1 or Priority 2 channels in a scan list. There is no **Priority** icon if priority is set to **None**.



### NOTICE:

This feature is not applicable in Capacity Plus.

## 7.6.11

# Scan Lists

Scan lists are created and assigned to individual channels or groups. Your radio scans for voice activity by cycling

## 7.6.11.1

# Viewing Entries in the Scan List

Follow the procedure to view the entries in the Scan list on your radio.

- 1 Press  to access the menu.

---

- 2 Press  or  to Scan. Press  to select.

---

- 3 Press  or  to Scan List. Press  to select.

---

- 4 Press  or  to view each member on the list.

---

## 7.6.11.2

## Viewing Entries in the Scan List by Using the Alias Search

Follow the procedure to view entries in the Scan list on your radio by using the alias search.

- 1 Press  to access the menu.

---

- 2 Press  or  to Scan. Press  to select.

---

- 3 Press  or  to Scan List. Press  to select.

---

- 4 Enter the first character of the required alias.  
The display shows a blinking cursor.

---

- 5 Enter the rest of the characters of the required alias.  
The alias search is case-insensitive. If there are two or more entries with the same name, the display shows the entry listed first in the list.  
The first text line shows the characters you entered.  
The following text lines show the shortlisted search results.

---

## 7.6.11.3

## Adding New Entries to the Scan List

Follow the procedure to add new entries to the Scan list on your radio.

- 1 Press  to access the menu.

---

2 Press ▲ or ▼ to Scan. Press  to select.

---

3 Press ▲ or ▼ to Scan List. Press  to select.

---

4 Press ▲ or ▼ to Add Member. Press  to select.

---

5 Press ▲ or ▼ to the required alias or ID. Press  to select.

---

6 Press ▲ or ▼ to the required priority level. Press  to select.

The display shows a positive mini notice and then, Add Another?.

---

7 Do one of the following:

- Press ▲ or ▼ to Yes to add another entry.  
Press  to select. Repeat [step 5](#) and [step 6](#).

- Press ▲ or ▼ to No to save the current list.  
Press  to select.
- 

#### 7.6.11.4

### Deleting Entries from the Scan List

Follow the procedure to delete entries from the Scan list.

1 Press  to access the menu.

---

2 Press ▲ or ▼ to Scan. Press  to select.

---

3 Press ▲ or ▼ to Scan List. Press  to select.

---

4 Press ▲ or ▼ to the required alias or ID. Press  to select.

---

5 Press ▲ or ▼ to Delete. Press  to select.  
The display shows Delete Entry?.

---

## 6 Do one of the following:

- Press ▲ or ▼ to Yes to delete the entry. Press  to select.  
The display shows a positive mini notice.
- Press ▲ or ▼ to No to return to the previous screen. Press  to select.

## 7 Repeat [step 4](#) to [step 6](#) to delete other entries.

- 8 Long press  to return to the Home screen after deleting all required aliases or IDs.

### 7.6.11.5

## Setting Priority for Entries in the Scan List

Follow the procedure to set priorities for entries in the Scan list on your radio.

- 1 Press  to access the menu.

- 2 Press ▲ or ▼ to Scan. Press  to select.

- 3 Press ▲ or ▼ to Scan List. Press  to select.

- 4 Press ▲ or ▼ to the required alias or ID. Press  to select.

- 5 Press ▲ or ▼ to Edit Priority. Press  to select.

- 6 Press ▲ or ▼ to the required priority level. Press  to select.

The display shows a positive mini notice before returning to the previous screen. The **Priority** icon appears on the left of the member alias.

## 7.6.12

## Scan

Your radio cycles through the programmed scan list for the current channel looking for voice activity when you start a scan.

**NOTICE:**

This feature is not applicable in Capacity Plus.

During a dual-mode scan, if you are on a digital channel, and your radio locks onto an analog channel, it automatically switches from digital mode to analog mode for the duration of the call. This is also true for the reverse.

There are two ways of initiating scan:

**Main Channel Scan (Manual)**

Your radio scans all the channels or groups in your scan list. On entering scan, your radio may, depending on the settings, automatically start on the last scanned active channel or group, or on the channel where scan was initiated.

**Auto Scan (Automatic)**

Your radio automatically starts scanning when you select a channel or group that has Auto Scan enabled.

**NOTICE:**

When you configure **Receive Group Message In Scan**, your radio is able to receive group messages from non-home channels. Your radio is able to reply the group messages on home channel but is not able to reply on non-home channels. Check with your dealer or system administrator for more information.

## 7.6.12.1

## Turning Scan On or Off

Follow the procedure to turn scan on or off on your radio.

**NOTICE:**

While scanning, the radio only accepts data (for example: text message, location, or PC data) if received on its Selected Channel.

- 1 Turn the **Channel Selector Knob** to select a channel programmed with a scan list.

2

Press  to access the menu.

3

Press  or  to Scan. Press  to select.

- 4 Press ▲ or ▼ to Scan State. Press  to select.
- 

- 5 Press ▲ or ▼ to the required scan state and press  to select.
- 

If scan is enabled:

- The display shows Scan On and **Scan** icon.
- The yellow LED blinks.

If scan is disabled:

- The display shows Scan Off.
- The **Scan** icon disappears.
- The LED turns off.

#### 7.6.12.2

## Responding to Transmissions During Scanning

During scanning, your radio stops on a channel or group where activity is detected. The radio stays on that channel

for a programmed duration known as hang time. Follow the procedure to respond to transmissions during scanning.

- 1  If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the transmitting radio releases the **PTT** button, indicating the channel is free for you to respond. Press the **PTT** button during hang time.

The green LED lights up.

---

- 2 Do one of the following:

- Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
  -  Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.
- 

- 3 Release the **PTT** button to listen.

The radio returns to scanning other channels or groups if you do not respond within the hang time.

---



## 7.6.12.3

## Deleting Nuisance Channels

If a channel continually generates unwanted calls or noise, (termed a "nuisance" channel), you can temporarily remove the unwanted channel from the scan list. This capability does not apply to the channel designated as the Selected Channel. Follow the procedure to delete nuisance channels on your radio.

- 1 When your radio locks on to an unwanted or nuisance channel, press the programmed **Nuisance Channel Delete** button until you hear a tone.

- 2 Release the programmed **Nuisance Channel Delete** button.

The nuisance channel is deleted.

## 7.6.12.4

## Restoring Nuisance Channels

Follow the procedure to restore nuisance channels on your radio.

Do one of the following:

- Turn the radio off and then power it on again.
- Stop and restart a scan using the programmed **Scan** button or menu.
- Change the channel using the **Channel Selector Knob**.

## 7.6.13

## Vote Scan



Vote Scan provides you with wide area coverage in areas where there are multiple base stations transmitting identical information on different analog channels.

Your radio scans analog channels of multiple base stations and performs a voting process to select the strongest received signal. Once that is established, your radio receives transmissions from that base station.

During a vote scan, the yellow LED blinks and the display shows the **Vote Scan** icon.

To respond to a transmission during a vote scan, see [Responding to Transmissions During Scanning on page 468](#).

## 7.6.14

## Contacts Settings

Contacts provides address book capabilities on your radio. Each entry corresponds to an alias or ID that you use to initiate a call. The entries are alphabetically sorted.

Each entry, depending on context, associates with the different call types: Group Call, Private Call, All Call, PC Call, or Dispatch Call.

PC Call and Dispatch Call are data-related. They are only available with the applications. Refer to the data applications documentation for further details.

 Additionally, Contacts menu allows you to assign each entry to a programmable number key or more on a keypad microphone. If an entry is assigned to a number key, your radio can perform a quick dial on the entry.



### NOTICE:

You see a checkmark before each number key that is assigned to an entry. If the checkmark is before Empty, you have not assign a number key to the entry.

Each entry within Contacts displays the following information:

- Call Type

- Call Alias
- Call ID



### NOTICE:

If the Privacy feature is enabled on a channel, you can make privacy-enabled Group Calls, Private Calls, and All Calls on that channel. Only target radios with the same Privacy Key, or the same Key Value and Key ID as your radio will be able to decrypt the transmission.

## 7.6.14.1

## Adding New Contacts

Follow the procedure to add new contacts on your radio.

1

Press  to access the menu.

2

Press  or  to Contacts. Press  to select.

3

Press  or  to New Contact. Press  to select.

- 4 Press ▲ or ▼ to select contact type Radio

Contact or Phone Contact. Press  to select.

- 5 Enter the contact number with the keypad, and press

 to proceed.

- 6 Enter the contact name with the keypad, and press

 to proceed.

- 7 Press ▲ or ▼ to the required ring type. Press

 to select.

A positive indicator tone sounds. The display shows a positive mini notice.

1

Press  to access the menu.

2

Press ▲ or ▼ to Contacts. Press  to select.

3

Press ▲ or ▼ to the required alias or ID. Press  to select.

4

Press ▲ or ▼ to Set as Default. Press  to select.

A positive indicator tone sounds. The display shows a positive mini notice. The display shows ✓ beside the selected default alias or ID.

#### 7.6.14.2

### Setting Default Contact

Follow the procedure to set the default contact on your radio.

#### 7.6.14.3

### Assigning Entries to Programmable Number Keys

1

Press  to access the menu.

2 Press ▲ or ▼ to **Contacts**. Press  to select.

---

3 Press ▲ or ▼ to the required alias or ID. Press  to select.

---

4 Press ▲ or ▼ to **Program Key**. Press  to select.

---

- 5 Do one of the following:
- If the desired number key has not been assigned to an entry, press ▲ or ▼ to the desired number key. Press  to select.
  - If the desired number key has been assigned to an entry, the display shows **The Key is Already Assigned** and then, the first text line shows **Overwrite?**. Do one of the following:

Press ▲ or ▼ to **Yes**. Press  to select.

The radio sounds a positive indicator tone and the display shows **Contact Saved** and a positive mini notice.

Press ▲ or ▼ to **No** to return to the previous step.

---

#### 7.6.14.4

### Removing Associations Between Entries and Programmable Number Keys

- 1 Do one of the following:
    - Long press the programmed number key to the required alias or ID. Proceed to [step 4](#).
    - Press  to access the menu.
- 

2 Press ▲ or ▼ to **Contacts**. Press  to select.

---

3 Press ▲ or ▼ to the required alias or ID. Press  to select.

---

- 4 Press ▲ or ▼ to Program Key. Press  to select.
- 

- 5 Press ▲ or ▼ to Empty. Press  to select.  
The first text line shows Clear from all keys.
- 

- 6 Press ▲ or ▼ to Yes. Press  to select.



**NOTICE:**

When an entry is deleted, the association between the entry and its programmed number key(s) is removed.

A positive indicator tone sounds. The display shows Contact Saved.

The screen automatically returns to the previous menu.

---

## 7.6.15

## Call Indicator Settings

This feature allows you to configure call or text message ringing tones.

### 7.6.15.1

## Activating or Deactivating Call Ringers for Call Alerts

- 1 Press  to access the menu.

---

- 2 Press ▲ or ▼ to Utilities. Press  to select.

---

- 3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

- 4 Press ▲ or ▼ to Tones/Alert. Press  to select.

---

5 Press ▲ or ▼ to Call Ringers. Press  to select.

---

6 Press ▲ or ▼ to Call Alert. Press  to select.

---

7 Do one of the following:

- Press ▲ or ▼ to the required tone. Press  to select.  
The display shows ✓ and the selected tone.
  - Press ▲ or ▼ to Off. Press  to select.  
If the ringing tones were earlier enabled, the display shows ✓ beside Off.  
If the ringing tones were earlier disabled, the display does not show ✓ beside Off.
- 

## 7.6.15.2

# Activating or Deactivating Call Ringers for Private Calls

Follow the procedure to activate or deactivate call ringers for Private Calls on your radio.

- 1 Press  to access the menu.

---

- 2 Press ▲ or ▼ to Utilities. Press  to select.

---

- 3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

- 4 Press ▲ or ▼ to Tones/Alerts. Press  to select.

---

- 5 Press ▲ or ▼ to Call Ringers. Press  to select.

---

6

Press ▲ or ▼ to Private Call. Press  to select.

The display shows ✓ beside On if Private Call ringing tones are enabled.

The display shows ✓ beside Off if Private Call ringing tones are disabled.

---

7 Do one of the following:

- Press ▲ or ▼ to the required tone. Press  to select.  
The display shows ✓ and the selected tone.

- Press ▲ or ▼ to Off. Press  to select.  
If the ringing tones were earlier enabled, the display shows ✓ beside Off.

If the ringing tones were earlier disabled, the display does not show ✓ beside Off.

---

## Activating or Deactivating Call Ringers for Selective Calls

Follow the procedure to activate or deactivate call ringers for Selective Calls on your radio.

1

Press  to access the menu.

---

2

Press ▲ or ▼ to Utilities. Press  to select.

---

3

Press ▲ or ▼ to Radio Settings. Press  to select.

---

4

Press ▲ or ▼ to Tones/Alerts. Press  to select.

---

5

Press ▲ or ▼ to Call Ringers. Press  to select.

---

6

Press ▲ or ▼ to Selective Call. Press  to select.

The display shows ✓ and the current tone.

---

7 Do one of the following:

- Press ▲ or ▼ to the required tone. Press  to select.  
The display shows ✓ and the selected tone.

- Press ▲ or ▼ to Off. Press  to select.  
If the ringing tones were earlier enabled, the display shows ✓ beside Off.

If the ringing tones were earlier disabled, the display does not show ✓ beside Off.

---

## 7.6.15.4

## Activating or Deactivating Call Ringers for Text Messages

Follow the procedure to activate or deactivate call ringers for text messages on your radio.

1

Press  to access the menu.

---

2

Press ▲ or ▼ to Utilities. Press  to select.

---

3

Press ▲ or ▼ to Radio Settings. Press  to select.

---

4

Press ▲ or ▼ to Tones/Alerts. Press  to select.

---

5

Press ▲ or ▼ to Call Ringers. Press  to select.

---

6

Press ▲ or ▼ to Text Message. Press  to select.

The display shows ✓ and the current tone.

---

7 Do one of the following:



- Press ▲ or ▼ to the required tone. Press  to select.  
The display shows ✓ and the selected tone.
- Press ▲ or ▼ to Off. Press  to select.  
If the ringing tones were earlier enabled, the display shows ✓ beside Off.  
If the ringing tones were earlier disabled, the display does not show ✓ beside Off.

## 7.6.15.5

## Activating or Deactivating Call Ringers for Telemetry Status with Text

Follow the procedure to activate or deactivate call ringers for telemetry status with text on your radio.

- 1 Press  to access the menu.
- 2 Press ▲ or ▼ to Utilities. Press  to select.

- 3 Press ▲ or ▼ to Radio Settings. Press  to select.
- 4 Press ▲ or ▼ to Tones/Alert. Press  to select.
- 5 Press ▲ or ▼ to Call Ringers. Press  to select.
- 6 Press ▲ or ▼ to Telemetry. Press  to select.  
The current tone is indicated by a ✓.
- 7 Do one of the following:
  - Press ▲ or ▼ to the preferred tone. Press  to select.  
The display shows Tone <Number> Selected and a ✓ appears left of the selected tone.

- Press ▲ or ▼ to Turn Off. Press  to select.  
The display shows Telemetry Ringer Off and a ✓ appears left of Turn Off.
- 

## 7.6.15.6

## Assigning Ring Styles

The radio can be programmed to sound one of eleven predefined ringing tones when receiving a Private Call, a Call Alert, or a Text Message from a particular contact. The radio sounds out each ring style as you navigate through the list.

- Press  to access the menu.
  - Press ▲ or ▼ to Contacts. Press  to select.  
The entries are alphabetically sorted.
  - Press ▲ or ▼ to the required alias or ID. Press  to select.
- 

- Press ▲ or ▼ to View/Edit. Press  to select.
- 

- Press  until display shows Ringer menu  
A ✓ indicates the current selected tone.
- 

- Press ▲ or ▼ to the required tone. Press  to select.  
The display shows a positive mini notice.
- 

## 7.6.15.7

## Selecting a Ring Alert Type



### NOTICE:

The programmed **Ring Alert Type** button is assigned by your dealer or system administrator. Check with your dealer or system administrator to determine how your radio has been programmed.

You can program the radio calls to one predetermined vibrate call. If All Tones status is disabled, the radio

displays the All Tone Mute icon. If All Tones status is enabled, the related ring alert type is displayed.

The radio vibrates once if it is a momentary ring style. The radio vibrates repetitively if it is a repetitive ring style. When set to Ring and Vibrate, the radio sounds a specific ring tone if there is any incoming radio transaction (for example, Call Alert or Message). It sounds like a positive indicator tone or missed call.

For radios with batteries that support the vibrate feature and are attached to a vibrating belt clip, the available Ring Alert Type options are Silent, Ring, Vibrate, and Ring and Vibrate.

For radios with batteries that do not support the vibrate feature and are not attached to a vibrating belt clip, Ring Alert Type is automatically set to Ring. The available Ring Alert Type options are Silent and Ring.

You can select a Ring Alert Type by performing one of the following actions.

- Press the programmed **Ring Alert Type** button to access the Ring Alert Type menu.

a. Press ▲ or ▼ to Ring, Vibrate, Ring & Vibrate or Silent and press  to select.

- Access this feature through the menu.

a. Press  to access the menu.

b. Press ▲ or ▼ to Utilities and press  to select.

c. Press ▲ or ▼ to Radio Settings and press  to select.

d. Press ▲ or ▼ to Tones/Alerts and press  to select.

e. Press ▲ or ▼ to Ring Alert Type and press  to select.

f. Press ▲ or ▼ to Ring, Vibrate, Ring & Vibrate or Silent and press  to select.

## 7.6.15.8

## Configuring Vibrate Style



### NOTICE:

The programmed **Vibrate Style** button is assigned by your dealer or system administrator. Check with your dealer or system administrator to determine how your radio has been programmed.

Vibrate Style is enabled when the Vibrating Belt Clip is attached to the radio with a battery that supports the vibrate feature.

You can configure the vibrate style by performing one of the following actions.

- Press the programmed **Vibrate Style** button to access the Vibrate Style menu.
  - a. Press ▲ or ▼ to Short, Medium, or Long and press  to select.
- Access this feature via the menu.
  - a. Press  to access the menu.

- b. Press ▲ or ▼ to Utilities and press  to select.
- c. Press ▲ or ▼ to Radio Settings and press  to select.
- d. Press ▲ or ▼ to Tones/Alerts and press  to select.
- e. Press ▲ or ▼ to Vibrate Style and press  to select.
- f. Press ▲ or ▼ to Short, Medium, or Long and press  to select.

## 7.6.15.9

## Escalating Alarm Tone Volume

The radio can be programmed to continually alert, when a radio call remains unanswered. This is done by automatically increasing the alarm tone volume over time. This feature is known as Escalert. Follow the procedure to escalate alarm tone volume on your radio.

- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities. Press  to select.

---

- 3 Press  or  to Radio Settings. Press  to select.

---

- 4 Press  or  to Tones/Alert. Press  to select.

---

- 5 Press  or  to Escalert.

---

- 6 Press  to enable OR disable Escalert. If enabled,  appears beside Enabled. If disabled,  disappears beside Enabled.

---

## 7.6.16

## Call Log Features

Your radio keeps track of all recent outgoing, answered, and missed Private Calls. The call log feature is used to view and manage recent calls.

Missed Call Alerts may be included in the call logs, depending on the system configuration on your radio. You can perform the following tasks in each of your call lists:

- Store Alias or ID to Contacts
- Delete Call
- View Details

## 7.6.16.1

### Viewing Recent Calls

- 1 Press  to access the menu.

---

- 2 Press  or  to Call Log. Press  to select.

---

- 3 Press  or  to the preferred list. The options are Missed, Answered, and Outgoing lists.

Press  to select.

The display shows the most recent entry.

---

- 4 Press ▲ or ▼ to view the list.

You can start a call with the alias or ID the display is currently showing by pressing the **PTT** button.

---

#### 7.6.16.2

### Viewing Call List Details

Follow the procedure to view call details on your radio.

- 1 Press  to access the menu.
- 

- 2 Press ▲ or ▼ to Call Log. Press  to select.
- 

- 3 Press ▲ or ▼ to the required list. Press  to select.
- 

- 4 Press ▲ or ▼ to the required alias or ID. Press  to select.
- 

- 5 Press ▲ or ▼ to View Details. Press  to select.
- The display shows the call details.
- 

#### 7.6.16.3

### Storing Aliases or IDs from the Call List

Follow the procedure to store aliases or IDs on your radio from the Call list.

- 1 Press  to access the menu.
- 

- 2 Press ▲ or ▼ to Call Log. Press  to select.
-

3 Press ▲ or ▼ to the required list. Press  to select.

---

4 Press ▲ or ▼ to the required alias or ID. Press  to select.

---

5 Press ▲ or ▼ to Store. Press  to select.  
The display shows a blinking cursor.

---

6 Enter the rest of the characters of the required alias.  
Press  to select.  
You can store an ID without an alias.  
The display shows a positive mini notice.

---

#### 7.6.16.4

### Deleting Calls from the Call List

Follow the procedure to delete calls from the Call list.

1 Press  to access the menu.

---

2 Press ▲ or ▼ to Call Log. Press  to select.

---

3 Press ▲ or ▼ to the required list. Press  to select.

If the list is empty:

- A tone sounds.
  - The display shows List Empty.
- 

4 Press ▲ or ▼ to the required alias or ID. Press  to select.

---

5 Press ▲ or ▼ to Delete Entry?. Press  to select.

---

6 Do one of the following:

- Press  to select Yes to delete the entry.

The display shows Entry Deleted.

- Press ▲ or ▼ to No. Press  to select.

The radio returns to the previous screen.

---

### 7.6.17

## Call Alert Operation

Call Alert paging enables you to alert a specific radio user to call you back.

This feature is applicable for subscriber aliases or IDs only and is accessible through the menu using Contacts, manual dial, or a programmed **One Touch Access** button.

### 7.6.17.1

## Responding to Call Alerts

When you receive a Call Alert:

- A repetitive tone sounds.
- The yellow LED blinks.

- The display shows the notification list listing a Call Alert with the alias or ID of the calling radio.

Depending on the configuration by your dealer or system administrator, you can respond to a Call Alert by doing one of the following:

- Press the **PTT** button and respond with a Private Call directly to the caller.
  - Press the **PTT** button to continue normal talkgroup communication.  
The Call Alert is moved to the Missed Call option at the Call Log menu. You can respond to the caller from the Missed Called log.
- 

See [Notification List on page 202](#) and [Call Log Features on page 149](#) for more information.

### 7.6.17.2

## Making Call Alerts

Follow the procedure to make Call Alerts on your radio.



- 1 Press the programmed **One Touch Access** button.

The display shows **Call Alert** and the subscriber alias or ID. The green LED lights up.

---

- 2 Wait for acknowledgment.

If the Call Alert acknowledgment is received, the display shows a positive mini notice.

If the Call Alert acknowledgment is not received, the display shows a negative mini notice.

---

### 7.6.17.3

## Making Call Alerts by Using the Contacts List

- 1 Press  to access the menu.
- 

- 2 Press  or  to **Contacts**. Press  to select.
- 

- 3 Do one of the following:
  - Select the subscriber alias or ID directly

Press  or  to the required alias or ID.

Press  to select.

- Use the **Manual Dial** menu

Press  or  to **Manual Dial**. Press  to select.

Press  or  to **Radio Number**. Press  to select.

The display shows **Radio Number:** and a blinking cursor. Enter the subscriber ID you

want to page. Press  to select.

---

- 4 Press  or  to **Call Alert**. Press  to select.

The display shows **Call Alert** and the subscriber alias or ID. The green LED lights up.

---

- 5 Wait for acknowledgment.
  - If the acknowledgment is received, the display shows a positive mini notice.

- If the acknowledgment is not received, the display shows a negative mini notice.

## 7.6.18

## Dynamic Caller Alias

This feature allows you to dynamically edit a Caller Alias from your radio front panel.

When in a call, the receiving radio displays the Caller Alias of the transmitting radio.

The Caller Aliases list can store up to 500 Caller Aliases of transmitting radio. You can view or make Private Calls from the Caller Aliases list. When you turn off your radio, the history of receiving Caller Aliases is removed from the Caller Aliases list.

## 7.6.18.1

### Editing Your Caller Alias After Turning On the Radio

- 1 Turn on your radio.

2

Enter your new Caller Alias. Press  to proceed.

The display shows a positive mini notice.


**NOTICE:**

When in a call, the receiving radio displays your new Caller Alias.

## 7.6.18.2

### Editing Your Caller Alias from the Main Menu

1

Press  to access the menu.

2

Press  or  to Utilities. Press  to select.

3

Press  or  to Radio Info.. Press  to select.

4

Press  or  to My ID. Press  to select.

5 Press  to proceed.

---

6 Press  or  to Edit. Press  to select.

---

7 Enter your new Caller Alias. Press  to select.

The display shows a positive mini notice.



**NOTICE:**

When in a call, the receiving radio displays your new Caller Alias.

---

### 7.6.18.3

## Viewing the Caller Aliases List

You can access the Caller Aliases list to view the transmitting Caller Alias details.

1 Press  to access the menu.

---

2 Press  or  to Caller Aliases. Press  to select.

---

3 Press  or  to the preferred list. Press  to select.

---

4 Press  or  to View Details. Press  to select.

---

### 7.6.18.4

## Initiating Private Call From the Caller Aliases List

You can access the Caller Aliases list to initiate Private Call.

1 Press  to access the menu.

---

2 Press  or  to Caller Aliases. Press  to select.

---

- 3 Press ▲ or ▼ to the <required Caller Alias>.
- 

- 4 To call, press and hold the **PTT** button.
- 

### 7.6.19

## Mute Mode

Mute Mode provides an option to silence all audio indicators on your radio.

When Mute Mode is initiated, all audio indicators are muted except higher priority features such as emergency operations.

When Mute Mode is exited, your radio resumes playing ongoing tones and audio transmissions.



#### **IMPORTANT:**

You can only enable either Face Down or Man Down one at a time. Both features cannot be enabled together.

This feature is applicable to DGP 5550e/DGP 8550e, DGP 5050e/DGP 8050e only.

### 7.6.19.1

## Turning On Mute Mode

Follow the procedure to turn on Mute Mode.

Do one of the following:

- Access this feature by using the programmed **Mute Mode** button.
- Access this feature by placing the radio in a face-down position momentarily.

Depending on radio model, the Face Down feature can be enabled either through the radio menu or by your system administrator. Check with your dealer or system administrator for more information.



#### **IMPORTANT:**

User can only enable either Man Down or Face Down at a time. Both features cannot be enabled together.



#### **NOTICE:**

Face Down feature is applicable to DGP 5550e/DGP 8550e only.

The following occurs when Mute mode is enabled:

- Positive Indicator Tone sounds.
- Display shows Mute Mode On.

- The red LED light starts blinking and remains blinking until Mute Mode is exited.
- Display shows **Mute Mode** icon on home screen.
- Radio is muted.
- Mute Mode Timer begins counting down the duration that is configured.

### 7.6.19.2

## Setting Mute Mode Timer

Mute Mode feature can be enabled for a pre-configured amount of time by setting the Mute Mode Timer. The timer duration is configured in the radio menu and can range between 0.5–6 hours. Mute Mode is exited once the timer expires.

If the timer is left at 0, the radio remains in Mute mode for an indefinite period until the radio is moved to a face-up position or the programmed **Mute Mode** button is pressed.



#### NOTICE:

Face Down feature is applicable to DGP 5550e/DGP 8550e only.

1

Press  to access the menu.

---

2

Press  or  to Utilities. Press  to select.

---

3

Press  or  to Radio Settings. Press  to select.

---

4

Press  or  to Mute Timer. Press  to select.

---

5

Press  or  to edit the numeric value of each digit, and press .

---

### 7.6.19.3

## Exiting Mute Mode

This feature can be exited automatically once the Mute Mode Timer expires.

Do one of the following to exit Mute mode manually:

- Press the programmed **Mute Mode** button.
- Press the **PTT** button on any entry.

- Place the radio in a face-up position momentarily.

**NOTICE:**

Face Down feature is applicable to DGP 5550e/DGP 8550e only.

The following occurs when Mute mode is disabled:

- Negative Indicator Tone sounds.
- Display shows `Mute Mode Off`.
- The blinking red LED turns off.
- **Mute Mode** icon disappears from home screen.
- Your radio unmutes and speaker state is restored.
- If the timer has not expired, Mute mode timer is stopped.

**NOTICE:**

Mute Mode is also exited if the user transmits voice or switches to an unprogrammed channel.

## 7.6.20

## Emergency Operation

An Emergency Alarm is used to indicate a critical situation. You are able to initiate an Emergency at any time even when there is activity on the current channel.

Your dealer can set the duration of a button press for the programmed **Emergency** button, except for long press, which is similar with all other buttons:

**Short Press**

Duration between 0.05 seconds and 0.75 seconds.

**Long Press**

Duration between 1.00 second and 3.75 seconds.

The **Emergency** button is assigned with the Emergency On/Off feature. Check with your dealer for the assigned operation of the **Emergency** button.

**NOTICE:**

If a short press to the **Emergency** button initiates Emergency mode, then a long press to the same enables the radio to exit Emergency mode.

If a long press to the **Emergency** button initiates Emergency mode, then a short press to the same enables the radio to exit Emergency mode.

Your radio supports three Emergency Alarms:

- Emergency Alarm

- Emergency Alarm with Call
- Emergency Alarm with Voice to Follow 



#### NOTICE:

Only one of the Emergency Alarms above can be assigned to the programmed **Emergency** button.

In addition, each alarm has the following types:

#### Regular

Radio transmits an alarm signal and shows audio and/or visual indicators.

#### Silent

Radio transmits an alarm signal without any audio or visual indicators. Radio receives calls without any sound through the speaker, until the programmed *hot mic* transmission period is over and/or you press the **PTT** button.

#### Silent with Voice

Radio transmits an alarm signal without any audio or visual indicators, but allow incoming calls to sound through the speaker. If *hot mic* is enabled, the incoming calls sound through the speaker after the programmed *hot mic* transmission period is over. The indicators only appear once you press the **PTT** button.

## Sending Emergency Alarms

This feature allows you to send an Emergency Alarm, a non-voice signal, which triggers an alert indication on a group of radios. Your radio does not display any audio or visual indicators during Emergency mode when it is set to Silent.

Follow the procedure to send Emergency Alarms on your radio.

- 1 Press the programmed **Emergency On** button.

You see one of these results:

- The display shows Tx Alarms and the destination alias.
-  The display shows Tx Telegram and the destination alias.

The green LED lights up. The **Emergency** icon appears.



**NOTICE:**

If programmed, the Emergency Search tone sounds. This tone is muted when the radio transmits or receives voice, and stops when the radio exits Emergency mode. The Emergency Search tone can be programmed through CPS.

---

**2** Wait for acknowledgment.

If successful:

- The Emergency tone sounds.
- The red LED blinks.
- The display shows `Alarm Sent`.

If unsuccessful after all retries have been exhausted:

- A tone sounds.
- The display shows `Alarm Failed`.

The radio exits the Emergency Alarm mode and returns to the Home screen.

---

## 7.6.20.2

### Sending Emergency Alarms with Call

This feature allows you to send an Emergency Alarm with Call to a group of radios. Upon acknowledgement by a radio within the group, the group of radios can communicate over a programmed Emergency channel. Follow the procedure to send Emergency Alarms with call on your radio.

**1** Press the programmed **Emergency On** button.

You see the following:

- The display shows `Tx Telegram` and the destination alias.

The green LED lights up. The **Emergency** icon appears.



**NOTICE:**

If programmed, the Emergency Search tone sounds. This tone is muted when the radio transmits or receives voice, and stops when the radio exits Emergency mode. The Emergency Search tone can be programmed by your dealer or system administrator.

---



## 2 Wait for acknowledgment.

If successful:

- The Emergency tone sounds.
- The red LED blinks.
- The display shows `Alarm Sent`.
- Your radio enters the Emergency call mode when the display shows `Emergency` and the destination group alias.

## 3 Press the **PTT** button to make the call.

The green LED lights up. The display shows the **Group Call** icon.

## 4 Do one of the following:

- Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
-  Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.

## 5 Release the **PTT** button to listen.

The display shows the caller and group aliases.

## 6 If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the transmitting radio releases the **PTT** button, indicating the channel is free for you to respond. Press the **PTT** button to respond to the call.

## 7 To exit the Emergency mode once the call ends, press the **Emergency Off** button.

The radio returns to the Home screen.

### 7.6.20.3

## Emergency Alarms with Voice to Follow

This feature allows you to send an Emergency Alarm with Voice to Follow to a group of radios. Your radio microphone is automatically activated, allowing you to communicate with the group of radios without pressing the **PTT** button. This activated microphone state is also known as *hot mic*.

If your radio has Emergency Cycle Mode enabled, repetitions of *hot mic* and receiving period are made for a programmed duration. During Emergency Cycle Mode, received calls sound through the speaker.

If you press the **PTT** button during the programmed receiving period, you hear a prohibit tone, indicating that you should release the **PTT** button. The radio ignores the **PTT** button press and remains in Emergency mode.

If you press the **PTT** button during *hot mic*, and continue to press it after the *hot mic* duration expires, the radio continues to transmit until you release the **PTT** button.

If the Emergency Alarm request fails, the radio does not retry to send the request, and enters the *hot mic* state directly.



#### NOTICE:

Some accessories may not support *hot mic*. Check with your dealer or system administrator for more information.

#### 7.6.20.4

## Sending Emergency Alarms with Voice to Follow

- 1 Press the programmed **Emergency On** button.

You see one of these results:

- The display shows Tx Alarm and the destination alias.

The green LED lights up. The **Emergency** icon appears.

- 
- 2 Once the display shows Alarm Sent, speak clearly into the microphone.

The radio automatically stops transmitting when:

- The cycling duration between *hot mic* and receiving calls expires, if Emergency Cycle Mode is enabled.
  - The *hot mic* duration expires, if Emergency Cycle Mode is disabled.
-

- 3 Press the **Emergency Off** button to exit the Emergency mode.

The radio returns to the Home screen.

#### 7.6.20.5

## Receiving Emergency Alarms

When you receive an Emergency Alarm:

- A tone sounds.
- The red LED blinks.
- The display shows the **Emergency** icon, and the Emergency caller alias or if there is more than one alarm, all emergency caller aliases are displayed in an Alarm List.

- 1 Do one of the following:

- If only one alarm, press  to view more details.

- If more than one alarm, press ▲ or ▼ to the required alias, and press  to view more details.

- 2 Press  to view the action options.

- 3 Press  and select Yes to exit the Alarm list.

- 4 Press  to access the menu.

- 5 Select **Alarm List** to revisit the Alarm list.

- 6 The tone sounds and the LED blinks red until you exit the Emergency mode. However, the tone can be silenced. Do one of the following:
  - Press the **PTT** button to call the group of radios which received the Emergency Alarm.
  - Press any programmable button.
  - Exit Emergency mode. See [Exiting Emergency Mode After Receiving the Emergency Alarm on page 497](#).

- 7 To return to home screen, perform the following actions:

a Press .

b Press  or  to Yes.

c Press  to select.

The radio returns to the home screen and the display shows the Emergency icon.

#### 7.6.20.6

## Responding to Emergency Alarms

- 1 Make sure the display shows the Alarm List. Press  or  to the required alias or ID.

- 2 Press the **PTT** button to transmit non-emergency voice to the same group the Emergency Alarm targeted.

 If the Channel Free Indication feature is enabled, you hear a short alert tone the moment the

transmitting radio releases the **PTT** button, indicating the channel is free for you to respond.



### NOTICE:

Emergency voice can only be transmitted by the emergency initiating radio. All other radios, including the emergency receiving radio, transmit non-emergency voice.

The green LED lights up. Your radio remains in the Emergency mode.

- 3 Do one of the following:

- Wait for the Talk Permit Tone to end and speak clearly into the microphone if enabled.
-  Wait for the **PTT** Sidetone to end and speak clearly into the microphone if enabled.

- 4 Release the **PTT** button to listen.

When the emergency initiating radio responds:

- The green LED blinks.
- The display shows the **Group Call** icon and ID, transmitting radio ID, and the Alarm list.

## 7.6.20.7

## Exiting Emergency Mode After Receiving the Emergency Alarm

Do one of the following to exit Emergency mode after receiving Emergency alarm:

- Delete the alarm items.
- Power down the radio.

## 7.6.20.8

## Reinitiating Emergency Mode

Perform one of the following actions:

- Change the channel while the radio is in Emergency mode.


**NOTICE:**

You can reinitiate emergency mode only if you enable emergency alarm on the new channel.

- Press the programmed **Emergency On** button during an emergency initiation or transmission state.

---

The radio exits the Emergency mode, and reinitiates Emergency.

## 7.6.20.9

## Exiting Emergency Mode

This feature is only applicable to the radio sending the Emergency Alarm.

Your radio exits Emergency mode when:

- An acknowledgment is received (for Emergency Alarm only).
- All retries to send the alarm have been exhausted.
- Your radio is turned off.


**NOTICE:**

Your radio does not reinitiate the Emergency mode automatically when it is powered up again.

Follow the procedure to exit Emergency mode on your radio.

Do one of the following:

- Press the programmed **Emergency Off** button.
- Turn off the radio and then, power it on again, if your radio has been programmed to remain on the Emergency Revert channel even after acknowledgment is received.
- Change the channel to a new channel that has no emergency system configured.  
The display shows **No Emergency**.

## 7.6.20.10

## Deleting an Alarm Item from the Alarm List

- 1 Press  to access the menu.
- 2 Press  or  to **Alarm List**. Press  to select.
- 3 Press  or  to the required alarm item. Press  to select.

4

Press  or  to **Delete**. Press  to select.

## 7.6.21

## Man Down



### NOTICE:

Man Down feature is applicable to only DGP 5550e/DGP 8550e .

This feature prompts an emergency to be raised if there is a change in the motion of the radio, such as the tilt of the radio, motion and/or the lack of motion for a predefined time.

Following a change in the motion of the radio for a programmed duration, the radio pre-warns the user with an audio indicator indicating that a change in motion is detected.

If there is still no acknowledgment by the user before the predefined reminder timer expires, the radio initiates an Emergency Alarm or an Emergency Call. You can program the reminder timer by using CPS.

## 7.6.21.1

## Turning the Man Down Feature On or Off



### NOTICE:

The programmed **Man Down** button and Man Down settings are configured using CPS. Check with your dealer or system administrator to determine how your radio has been programmed.

If you disable the Man Down feature, the programmed alert tone sounds repeatedly until the Man Down feature is enabled. A device failure tone sounds when the Man Down feature fails while powering up. The device failure tone continues until the radio resumes normal operation.

You can enable or disable this feature by performing one of the following actions.

- Press the programmed **Man Down** button to toggle the feature on or off.
- Access this feature using the menu.
  - a. Press  to access the menu.

b. Press  or  to Utilities. Press  to select.

c. Press  or  to Radio Settings. Press  to select.

d. Press  or  to Man Down. Press  to select.

You can also use  or  to change the selected option.

e. Press  to enable or disable Man Down.

If enabled,  appears beside Enabled.

If disabled,  disappears beside Enabled.

## 7.6.22

## Text Messaging

Your radio is able to receive data, for example a text message, from another radio or a text message application.

There are two types of text messages, Digital Mobile Radio (DMR) Short Text Message and text message. The maximum length of a DMR Short Text Message is 23 characters. The maximum length of a text message is 280 characters, including the subject line. The subject line only appears when you receive messages from e-mail applications.



**NOTICE:**

The maximum character length is only applicable for models with the latest software and hardware. For radio models with older software and hardware, the maximum length of a text message is 140 characters. Contact your dealer for more information.

7.6.22.1

## Text Messages

The text messages are stored in an Inbox, and sorted according to the most recently received.

7.6.22.1.1

## Viewing Text Messages

- 1 Press  to access the menu.

---

- 2 Press  or  to Messages. Press  to select.

---

- 3 Press  or  to Inbox. Press  to select.  
If the Inbox is empty:
  - The display shows `List Empty`.
  - A tone sounds, if the Keypad Tone is turned on.

---

- 4 Press  or  to the required message. Press  to select.  
The display shows a subject line if the message is from an e-mail application.

---



## 7.6.22.1.2

## Viewing Telemetry Status Text Messages

Follow the procedure to view a telemetry status text message from the inbox.

- 1 Press  to access the menu.

---

- 2 Press  or  to Messages. Press  to select.

---

- 3 Press  or  to Inbox. Press  to select.

---

- 4 Press  or  to the required message. Press  to select.  
 You cannot reply to a Telemetry Status text message.  
 The display shows Telemetry: <Status Text Message>.

---

- 5 Long press  to return to the Home screen.

---

## 7.6.22.1.3

## Viewing Saved Text Messages

- 1 Do one of the following:
  - Press the programmed **Text Message** button. Proceed to [step 3](#).
  - Press  to access the menu.

---

- 2 Press  or  to Messages. Press  to select.

---

- 3 Press  or  to Drafts. Press  to select.

---

- 4 Press  or  to the required message. Press  to select.

---

## 7.6.22.1.4

Responding to Text Messages 

Follow the procedure to respond to text messages on your radio.

When you receive a text message:

- The display shows the Notification list with the alias or ID of the sender.
- The display shows the **Message** icon.



**NOTICE:**

The radio exits the Text Message alert screen and sets up a Private or Group Call to the sender of the message if the **PTT** button is pressed.

**1** Do one of the following:

- Press ▲ or ▼ to Read. Press  to select. The display shows the text message. The display shows a subject line if the message is from an e-mail application.
- Press ▲ or ▼ to Read Later. Press  to select. The radio returns to the screen you were on prior to receiving the text message.
- Press ▲ or ▼ to Delete. Press  to select.

**2**

Press  to return to the Inbox.

**7.6.22.1.5**

## Replying to Text Messages

Follow the procedure to respond to text messages on your radio.

**1** Do one of the following:

- Press the programmed **Text Message** button. Proceed to Step [step 3](#).
- Press  to access the menu.

**2**

Press ▲ or ▼ to Messages. Press  to select.

**3**

Press ▲ or ▼ to Inbox. Press  to select.

- 4 Press ▲ or ▼ to the required message. Press



to select.

The display shows a subject line if the message is from an e-mail application.

---

5

Press  to access the sub-menu.

---

- 6 Do one of the following:

- Press ▲ or ▼ to Reply. Press  to select.
- Press ▲ or ▼ to Quick Reply. Press  to select.

A blinking cursor appears. You can write or edit your message, if required.

---

7

Press  once message is composed.

The display shows a transitional mini notice, confirming the message is being sent.

---

- 8 Wait for acknowledgment.

If successful:

- A tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A tone sounds.
  - The display shows a negative mini notice.
  - The radio returns to the Resend option screen.
- 

#### 7.6.22.1.6

### Forwarding Text Messages

Follow the procedure to forward text messages on your radio.

When you are at the Resend option screen:

1

Press ▲ or ▼ to Forward, and press  to send the same message to another subscriber or group alias or ID.

---

- 2 Press ▲ or ▼ to the required alias or ID. Press



to select.

The display shows a transitional mini notice, confirming your message is being sent.

---

- 3 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
  - The display shows a negative mini notice.
- 

#### 7.6.22.1.7

### Forwarding Text Messages by Using the Manual Dial

Follow the procedure to forward text messages by using the manual dial on your radio.

1

Press ▲ or ▼ to Forward. Press  to select.

---

2

Press  to send the same message to another subscriber or group alias or ID.

---

3

Press ▲ or ▼ to Manual Dial. Press  to select.

The display shows Radio Number:.

---

4

Enter the subscriber ID, and press  to proceed.

The display shows a transitional mini notice, confirming your message is being sent.

---

- 5 Wait for acknowledgment.

If successful:

- A tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A tone sounds.
- The display shows a negative mini notice.

## 7.6.22.1.8

## Editing Text Messages

Select **Edit** to edit the message.



### NOTICE:

If a subject line is present (for messages received from an e-mail application), you cannot edit it.

1

Press or to **Edit**. Press to select.  
The display shows a blinking cursor.

2 Use the keypad to edit your message.

- Press to move one space to the left.
- Press or to move one space to the right.
- Press to delete any unwanted characters.

- Long press to change text entry method.

3

Press once message is composed.

4 Do one of the following:

- Press or to **Send** and press to send the message.
- Press or to **Save** and press to save the message to the Drafts folder.
- Press to edit the message.
- Press to choose between deleting the message or saving it to the Drafts folder.

## 7.6.22.1.9

## Sending Text Messages

It is assumed that you have a newly written text message or a saved text message.

Select the message recipient. Do one of the following:

- Press ▲ or ▼ to the required alias or ID. Press  to select.

- Press ▲ or ▼ to Manual Dial. Press  to select. The first line of the display shows Radio Number: . The second line of the display shows a blinking cursor. Key in the subscriber alias or ID. Press .

The display shows transitional mini notice, confirming your message is being sent.

If successful:

- A tone sounds.
- The display shows positive mini notice.

If unsuccessful:

- A low tone sounds.
- The display shows negative mini notice.
- The message is moved to the Sent Items folder.

- The message is marked with a Send Failed icon.



#### NOTICE:

For a newly written text message, the radio returns you to the Resend option screen.

#### 7.6.22.1.10

### Editing Saved Text Messages

1

Press  while viewing the message.

2

Press ▲ or ▼ to Edit. Press  to select. A blinking cursor appears.

3

Use the keypad to type your message.

Press ◀ to move one space to the left.

Press ▶ or #  to move one space to the right.

Press \* < to delete any unwanted characters.

Long press  to change text entry method.

---

4

Press  once message is composed.

Do one of the following:

- Press ▲ or ▼ to Send. Press  to send the message.
  - Press . Press ▲ or ▼ to choose between saving or deleting the message. Press  to select.
- 

#### 7.6.22.1.11

### Resending Text Messages

When you are at the Resend option screen:

Press  to resend the same message to the same subscriber or group alias or ID.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
  - The display shows a negative mini notice.
  - The radio returns to the Resend option screen.
- 

#### 7.6.22.1.12

### Deleting Text Messages from the Inbox

Follow the procedure to delete text messages from the Inbox on your radio.

1 Do one of the following:

- Press the programmed **Text Message** button. Proceed to [step 3](#).
  - Press  to access the menu.
- 

2

Press ▲ or ▼ to Messages. Press  to select.

---

- 3 Press ▲ or ▼ to Inbox. Press  to select.

If the Inbox is empty:

- The display shows List Empty.
- A tone sounds.

- 4 Press ▲ or ▼ to the required message. Press  to select.

The display shows a subject line if the message is from an e-mail application.

- 5 Press  to access the sub-menu.

- 6 Press ▲ or ▼ to Delete. Press  to select.

- 7 Press ▲ or ▼ to Yes. Press  to select.
- The display shows a positive mini notice. The screen returns to the Inbox.

#### 7.6.22.1.13

### Deleting All Text Messages from the Inbox



Follow the procedure to delete all text messages from the Inbox on your radio.

- 1 Do one of the following:
  - Press the programmed **Text Message** button. Proceed to [step 3](#).
  - Press  to access the menu.

- 2 Press ▲ or ▼ to Messages. Press  to select.

- 3 Press ▲ or ▼ to Inbox. Press  to select.
- If the Inbox is empty:
- The display shows List Empty.
  - A tone sounds.



4 Press ▲ or ▼ to Delete All. Press  to select.

---

5 Press ▲ or ▼ to Yes. Press  to select.  
The display shows a positive mini notice.

---

#### 7.6.22.1.14

### Deleting Saved Text Messages from the Drafts Folder

- 1 Do one of the following:
    - Press the programmed **Text Message** button. Proceed to [step 3](#).
    - Press  to access the menu.
- 

2 Press ▲ or ▼ to Messages. Press  to select.

---

3 Press ▲ or ▼ to Drafts. Press  to select.

---

4 Press ▲ or ▼ to the required message. Press  to select.

---

5 Press  again while viewing the message.

---

6 Press ▲ or ▼ to Delete. Press  to delete the text message.

---

#### 7.6.22.2

### Sent Text Messages

Once a message is sent to another radio, it is saved in Sent Items folder. The most recent sent text message is always added to the top of the Sent Items folder. You can resend, forward, edit, or delete a Sent text message.

The Sent Items folder is capable of storing a maximum of 30 last sent messages. When the folder is full, the next sent text message automatically replaces the oldest text message in the folder.

If you exit the message sending screen while the message is being sent, the radio updates the status of the message

in the Sent Items folder without providing any indication in the display or via sound.

If the radio changes mode or powers down before the status of the message in Sent Items folder is updated, the radio cannot complete any In-Progress messages and automatically marks it with a **Send Failed** icon.

The radio supports a maximum of five In-Progress messages at one time. During this period, the radio cannot send any new message and automatically marks it with a **Send Failed** icon.

If you long press  at any time, the radio returns to the Home screen.



## NOTICE:

If the channel type, for example a conventional digital or Capacity Plus channel, is not a match, you can only edit, forward, or delete a Sent message.

### 7.6.22.2.1

## Viewing Sent Text Messages

Follow the procedure to view sent text messages on your radio.

- 1 Do one of the following:

- Press the programmed **Text Message** button. Proceed to [step 3](#).

- Press  to access the menu.

---

2

Press  or  to Messages. Press  to select.

---

3

Press  or  to Sent Items. Press  to select.

If the Sent Items folder is empty:

- The display shows List Empty.
- A low tone sounds, if the Keypad Tone is turned on.

---

4

Press  or  to the required message. Press  to select.

The display shows a subject line if the message is from an e-mail application.

---

## 7.6.22.2.2

## Sending Sent Text Messages

Follow the procedure to send a sent text message on your radio.

When you are viewing a Sent message:

- 1 Press  while viewing the message.

---

- 2 Press  or  to **Resend**. Press  to select.  
The display shows a transitional mini notice, confirming your message is being sent.

---

- 3 Wait for acknowledgment.  
If successful:
  - A positive indicator tone sounds.
  - The display shows a positive mini notice.
 If unsuccessful:
  - A negative indicator tone sounds.
  - The display shows a negative mini notice.

- The radio proceeds to the **Resend** option screen. See [Resending Text Messages on page 175](#) for more information.

## 7.6.22.2.3

## Deleting All Sent Text Messages from the Sent Items Folder

Follow the procedure to delete all sent text messages from the Sent Items folder on your radio.

- 1 Do one of the following:
  - Press the programmed **Text Message** button. Proceed to [step 3](#).
  - Press  to access the menu.

---

- 2 Press  or  to **Messages**. Press  to select.

---

- 3 Press  or  to **Sent Items**. Press  to select.  
If the Sent Items folder is empty:

- The display shows `List Empty`.
- A tone sounds.

4

Press ▲ or ▼ to `Delete All`. Press  to select.

5 Do one of the following:

- Press ▲ or ▼ to `Yes`. Press  to select.  
The display shows a positive mini notice.
- Press ▲ or ▼ to `No`. Press  to select.  
The radio returns to the previous screen.

## 7.6.22.3

## Quick Text Messages

Your radio supports a maximum of 50 Quick Text messages as programmed by your dealer.

While Quick Text messages are predefined, you can edit each message before sending it.

## 7.6.22.3.1

## Sending Quick Text Messages

Follow the procedure to send predefined Quick Text messages on your radio to a predefined alias.

1 Press the programmed **One Touch Access** button.

The display shows a transitional mini notice, confirming the message is being sent.

2 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
- The display shows a negative mini notice.
- The radio proceeds to the `Resend` option screen.  
See [Resending Text Messages on page 175](#) for more information.

## 7.6.23

## Analog Message Encode

Your radio can send preprogrammed messages from the Message list to a radio alias or the dispatcher.

## 7.6.23.1

### Sending MDC Encode Messages to Dispatchers

Follow the procedure to send MDC Encode messages to dispatchers on your radio.

- 1 Press  to access the menu.

---

- 2 Press  or  to Message. Press  to select.

---

- 3 Press  or  to Quick Text. Press  to select.

---

- 4 Press  or  to the required message. Press



to select.

The display shows a transitional mini notice, confirming the message is being sent.

---

- 5 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
  - The display shows a negative mini notice.
- 

## 7.6.23.2

### Sending 5-Tone Encode Messages to Contacts

Follow the procedure to send 5-Tone Encode messages to contacts on your radio.

- 1 Press  to access the menu.

---

- 2 Press  or  to Message. Press  to select.

---

- 3 Press  or  to Quick Text. Press  to select.

---

- 4 Press  or  to the required message. Press  to select.

---

- 5 Press  or  to the required contact. Press  to select.  
  
The display shows a transitional mini notice, confirming the message is being sent.

---

- 6 Wait for acknowledgment.  
  
If successful:
  - A positive indicator tone sounds.
  - The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
- The display shows a negative mini notice.



#### **NOTICE:**

Check with your dealer or system administrator for more information.

#### 7.6.24

### Analog Status Update

Your radio is able to send preprogrammed messages from the Status list indicating your current activity to a radio contact (for 5-Tone systems) or the dispatcher (for Motorola Data Communication systems).

The last acknowledged message is kept at the top of the Status list. The other messages are arranged in alphanumeric order.

## 7.6.24.1

## Sending Status Updates to Predefined Contacts

Follow the procedure to send status updates to predefined contacts on your radio.

1

Press  or  to Status. Press  to select.

---

2

Press  or  to the required status. Press  to select.

When you press the **PTT** button while in the Status list for 5-Tone systems, the radio sends the selected status update, and returns to the Home screen to initiate a voice call.

---

3

Press  or  to Set as Default. Press  to select.

The display shows a transitional mini notice, confirming the status update is being sent.

---

4 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.
- The display shows  beside the acknowledged status.

If unsuccessful:

- A negative indicator tone sounds.
  - The display shows a negative mini notice.
  - The display shows  beside the previous status.
- 

See [Setting Default Contact on page 471](#) for more information on setting the default contact for 5-Tone systems.

## 7.6.24.2

## Viewing 5-Tone Status Details

Follow the procedure to view 5-tone status details on your radio.

It is assumed that you have purchased the Software License Key.

1 Press ▲ or ▼ to Status. Press  to select.

---

2 Press ▲ or ▼ to the required status. Press  to select.

---

3 Press ▲ or ▼ to View Details. Press  to select.

The display shows details of the selected status.

---

### 7.6.24.3

## Editing 5-Tone Status Details

Follow the procedure to edit 5-Tone status details on your radio.

1 Press ▲ or ▼ to Status. Press  to select.

---

2 Press ▲ or ▼ to required status. Press  to select.

---

3 Press ▲ or ▼ to Edit. Press  to select.

---

4 After a blinking cursor appears, press ◀ to move one space to the left or press ▶ to move one space to the right. Press  to delete any unwanted characters. Long press  to change the text entry method. Press  once editing is complete. The display shows Status Saved and radio returns to Status List.

---

### 7.6.25

## Privacy

This feature helps to prevent eavesdropping by unauthorized users on a channel by the use of a software-based scrambling solution. The signaling and user identification portions of a transmission are not scrambled.

Your radio must have privacy enabled on the channel to send a privacy-enabled transmission, although this is not a necessary requirement for receiving a transmission. While



on a privacy-enabled channel, the radio is still able to receive clear or unscrambled transmissions.

Some radio models may not offer Privacy feature, or may have a different configuration. Check with your dealer or system administrator for more information.

Your radio supports the following types of privacy, but only one can be assigned to your radio. They are:

- Basic Privacy
- Enhanced Privacy

To unscramble a privacy-enabled call or data transmission, your radio must be programmed to have the same Privacy Key for Basic Privacy, or the same Key Value and Key ID for Enhanced Privacy as the transmitting radio.

If your radio receives a scrambled call that is of a different Privacy Key, or different Key Value and Key ID, you either hear a garbled transmission for Basic Privacy or nothing at all for Enhanced Privacy.

On a privacy-enabled channel, your radio is able to receive clear or unscrambled calls, depending on how your radio is programmed. In addition, your radio may play a warning tone or not, depending on how it is programmed.

The green LED lights up when the radio is transmitting, and blinks rapidly when the radio is receiving an ongoing privacy-enabled transmission.



#### NOTICE:

This feature is not applicable in Citizens Band channels that are in the same frequency.

#### 7.6.25.1

### Turning Privacy On or Off

Follow the procedure to turn privacy on or off on your radio.

- 1 Do one of the following:
  - Press the programmed **Privacy** button. Skip the proceeding steps.
  - Press  to access the menu.
- 2 Press  or  to Utilities. Press  to select.
- 3 Press  or  to Radio Settings. Press  to select.

- 4 Press ▲ or ▼ to <required privacy>. Press



to select.

- If privacy is on, display shows ✓ beside Enabled.
- If privacy is off, display shows empty box beside Enabled.

## 7.6.26

### Response Inhibit

This feature helps prevent your radio from responding to any incoming transmissions.



#### NOTICE:

Contact your dealer to determine how your radio has been programmed.

If enabled, your radio does not generate any outgoing transmissions in respond to incoming transmissions, such as Radio Check, Call Alert, Radio Disable, Remote Monitor, Automatic Registration Service (ARS), Responding to Private Messages, and Sending GNSS location reports.

Your radio cannot receive Confirmed Private Calls when this feature is enabled. However, your radio is able to manually send transmission.

## 7.6.26.1

### Turning Response Inhibit On or Off

Follow the procedure to enable or disable Response Inhibit on your radio.

Press the programmed **Response Inhibit** button.

If successful:

- A positive indicator tone sounds.
- The display shows a momentary positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
- The display shows a momentary negative mini notice.

## 7.6.27

### Security

This feature allows you to enable or disable any radio in the system.

For example, you may want to disable a stolen radio to prevent unauthorized users from using it, and enable the radio when it is recovered.

There are two ways to enable or disable a radio, with authentication and without authentication.

Authenticated Radio Disable is a purchasable feature. In Authenticated Radio Disable, verification is required when you enable or disable a radio. When your radio initiates this feature on a target radio with User Authentication, a passphrase is required. The passphrase is preprogrammed in the target radio through CPS.

You will not receive an acknowledgment if you press  during Radio Enable or Radio Disable operation.



**NOTICE:**

Check with your dealer or system administrator for more information.

7.6.27.1

## Disabling Radios

Follow the procedure to disable your radio.

**1** Press the programmed **Radio Disable** button.

**2** Press  or  to the required alias or ID.

**3**

Press  to select. One of the following scenarios occurs:

- The display shows **Radio Disable:** `<Subscriber Alias or ID>`. The green LED blinks.
- A passphrase screen appears.

Enter the passphrase. Press  to proceed.

- If the passphrase is correct, the display shows a transitional mini notice, indicating the request is in progress. The green LED lights up.
- If the passphrase is incorrect, the display shows a negative mini notice, and returns to the previous screen.

**4** Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
- The display shows a negative mini notice.

## 7.6.27.2

## Disabling Radios by Using the Contacts List

Follow the procedure to disable your radio by using the Contacts list.

- 1 Press  to access the menu.
- 2 Press  or  to `Contacts`. Press  to select.
- 3 Press  or  to the required alias or ID. Press  to select.
- 4 Press  or  to `Radio Disable`.

5

Press  to select. One of the following scenarios occurs:

- The display shows `Radio Disable:`  
`<Subscriber Alias or ID>`. The green LED blinks.
- A passphrase screen appears.

Enter the passphrase. Press  to proceed.

- If the passphrase is correct, the display shows a transitional mini notice, indicating the request is in progress. The green LED lights up.
- If the passphrase is incorrect, the display shows a negative mini notice, and returns to the previous screen.

6 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
- The display shows a negative mini notice.

## 7.6.27.3

## Disabling Radios by Using the Manual Dial

Follow the procedure to disable your radio by using the manual dial.

- 1 Press  to access the menu.
- 2 Press  or  to Contacts. Press  to select.
- 3 Press  or  to Manual Dial. Press  to select.

- 4 Press  or  to Radio Number. Press  to select.

The first text line shows Radio Number!.

- 5 Enter the subscriber ID, and press  to proceed.

- 6 Press  or  to Radio Disable.

- 7 Press  to select. One of the following scenarios occurs:

- The display shows a transitional mini notice, indicating the request is in progress. The green LED blinks.
- A passphrase screen appears.

Enter the passphrase. Press  to proceed.

- If the passphrase is correct, the display shows a transitional mini notice, indicating the request is in progress. The green LED lights up.

- If the passphrase is incorrect, the display shows a negative mini notice, and returns to the previous screen.

#### 8 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
- The display shows a negative mini notice.

#### 7.6.27.4

### Enabling Radios

Follow the procedure to enable your radio.

1 Press the programmed **Radio Enable** button.

2 Press  or  to the required alias or ID.

3

Press  to select. One of the following scenarios occurs:

- The display shows **Radio Enable:**  
<Subscriber Alias or ID>. The green LED lights up.
- A passphrase screen appears.

Enter the passphrase. Press  to proceed.

- If the passphrase is correct, the display shows a transitional mini notice, indicating the request is in progress. The green LED lights up.
- If the passphrase is incorrect, the display shows a negative mini notice, and returns to the previous screen.

4 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
- The display shows a negative mini notice.

## 7.6.27.5

## Enabling Radios by Using the Contacts List

Follow the procedure to enable your radio by using the Contacts list.

- 1 Press  to access the menu.
- 2 Press  or  to `Contacts`. Press  to select.
- 3 Press  or  to the required alias or ID. Press  to select.
- 4 Press  or  to `Radio Enable`.

5

Press  to select. One of the following scenarios occurs:

- The display shows `Radio Enable:`  
`<Subscriber Alias or ID>`. The green LED lights up.
- A passphrase screen appears.

Enter the passphrase. Press  to proceed.

- If the passphrase is correct, the display shows a transitional mini notice, indicating the request is in progress. The green LED lights up.
- If the passphrase is incorrect, the display shows a negative mini notice, and returns to the previous screen.

6 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
- The display shows a negative mini notice.

## 7.6.27.6

## Enabling Radios by Using the Manual Dial

Follow the procedure to enable your radio by using the manual dial.

- 1 Press  to access the menu.
- 2 Press  or  to Contacts. Press  to select.
- 3 Press  or  to Manual Dial. Press  to select.

- 4 Press  or  to Private Call. Press  to select.

The first text line shows Radio Number:.

- 5 Enter the subscriber ID, and press  to proceed.

- 6 Press  or  to Radio Enable.

- 7 Press  to select. One of the following scenarios occurs:

- The display shows Radio Enable:  
<Subscriber Alias or ID>. The green LED lights up.
- A passphrase screen appears.

Enter the passphrase. Press  to proceed.

- If the passphrase is correct, the display shows a transitional mini notice, indicating the request is in progress. The green LED lights up.



- If the passphrase is incorrect, the display shows a negative mini notice, and returns to the previous screen.

## 8 Wait for acknowledgment.

If successful:

- A positive indicator tone sounds.
- The display shows a positive mini notice.

If unsuccessful:

- A negative indicator tone sounds.
- The display shows a negative mini notice.

### 7.6.28

## Lone Worker

This feature prompts an emergency to be raised if there is no user activity, such as any radio button press or channel selection, for a predefined time.

Following no user activity for a programmed duration, the radio pre-warns you using an audio indicator once the inactivity timer expires.

If there is still no acknowledgment by you before the predefined reminder timer expires, the radio initiates an Emergency Alarm.

Only one of the following Emergency Alarms is assigned to this feature:

- Emergency Alarm
- Emergency Alarm with Call
- Emergency Alarm with Voice to Follow 

The radio remains in the emergency state, allowing voice messages to proceed until action is taken. See [Emergency Operation on page 490](#) for more information on ways to exit Emergency.



### NOTICE:

Check with your dealer or system administrator for more information.

### 7.6.29

## Password Lock

You can set a password to restrict access to your radio. Each time you turn on your radio, you are asked to enter the password.

Your radio supports a 4-digit password input.

Your radio is unable to receive calls in locked state.

#### 7.6.29.1

### Accessing the Radio by Using Password

Turn on your radio.

1 Enter the four-digit password.

- a To edit the numeric value of each digit, press ▲ or ▼. To enter and move to the next digit, press



2

Press  to confirm the password.

If you enter the password correctly, the radio powers up.

If you enter the wrong password after the first and second attempt, your radio shows the following indications:

- A continuous tone sounds.
- The display shows Wrong Password.

Repeat [step 1](#).

If you enter the wrong password after the third attempt, your radio shows the following indications:

- A tone sounds.
- The yellow LED double blinks.
- The display shows Wrong Password and then, Radio Locked.
- Your radio enters into locked state for 15 minutes.



#### NOTICE:

In locked state, your radio responds to inputs from the **On/Off/Volume Control Knob** and programmed **Backlight** button only.

Wait for the 15-minute locked state timer to end and then repeat [step 1](#).



#### NOTICE:

If you turn off and turn your radio on again, the 15-minute timer restarts.

#### 7.6.29.2

### Turning Password Lock On or Off

Follow the procedure to turn password lock on or off on your radio.

- 1 Press  to access the menu.

---

- 2 Press ▲ or ▼ to Utilities. Press  to select.

---

- 3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

- 4 Press ▲ or ▼ to Passwd Lock. Press  to select.

---

- 5 Enter the current four-digit password.
  - Use a keypad microphone.
  - Press ▲ or ▼ to edit the numeric value of each digit, and press  to enter and move to the next digit.  
A positive indicator tone sounds for every digit pressed.

---

- 6 Press  to enter the password.

If the password is incorrect, the display shows Wrong Password and automatically returns to the previous menu.

#### 7 Do one of the following:

- Press ▲ or ▼ to Turn On. Press  to select.  
The display shows ✓ beside Turn On.
- Press ▲ or ▼ to Turn Off. Press  to select.  
The display shows ✓ beside Turn Off.

#### 7.6.29.3

### Unlocking Radios in Locked State

Your radio is unable to receive calls in locked state. Follow the procedure to unlock your radio in locked state.

Do one of the following:

- If the radio is powered on, wait for 15 minutes and then repeat the steps in [Accessing the Radio by Using Password on page 199](#) to access the radio.

- If the radio is powered off, power up the radio. Your radio restarts the 15-minute timer for locked state. A tone sounds. The yellow LED double blinks. The display shows `Radio Locked`.

Wait for 15 minutes and then repeat the steps in [Accessing the Radio by Using Password on page 199](#) to access the radio.

#### 7.6.29.4

## Changing Passwords

Follow the procedure to change passwords on your radio.

- 1 Press  to access the menu.
- 2 Press  or  to Utilities. Press  to select.
- 3 Press  or  to Radio Settings. Press  to select.
- 4 Press  or  to Passwd Lock. Press  to select.

- 5 Enter the current four-digit password, and press  to proceed.

If the password is incorrect, the display shows `Wrong Password` and automatically returns to the previous menu.

- 6 Press  or  to Change PWD. Press  to select.

- 7 Enter a new four-digit password, and press  to proceed.

- 8 Re-enter the new four-digit password, and press  to proceed.

If successful, the display shows `Password Changed`. If unsuccessful, the display shows `Passwords Do Not Match`.

The screen automatically returns to the previous menu.

## 7.6.30

## Notification List

Your radio has a Notification list that collects all your unread events on the channel, such as unread text messages, telemetry messages, missed calls, and call alerts.

The display shows the **Notification** icon when the Notification list has one or more events.

The list supports a maximum of 40 unread events. When the list is full, the next event automatically replaces the oldest event. After the events are read, they are removed from the Notification list.

For text messages, missed calls, and call alert events, the maximum number of notifications are 30 text messages and 10 missed calls or call alerts. This maximum number depends on individual feature (job tickets or text messages or missed calls or call alerts) list capability.

## 7.6.30.1

### Accessing Notification List

Follow the procedure to access the Notification list on your radio.

1 Do one of the following:

- Press the programmed **Notification** button. Skip the steps below.
- Press  to access the menu.

2

Press  to access the menu.

3

Press  or  to Notification. Press  to select.

4

Press  or  to the required event. Press  to select.

Long press  to return to the Home screen.

## 7.6.31

## Auto-Range Transponder System



The Auto-Range Transponder System (ARTS) is an analog-only feature designed to inform you when your radio is out-of-range of other ARTS-equipped radios.

ARTS-equipped radios transmit or receive signals periodically to confirm that they are within range of each other.

Your radio provides indications of states as follows:

### First-Time Alert

A tone sounds.

The display shows channel alias and In Range.

### ARTS-in-Range Alert

A tone sounds, if programmed.

The display shows channel alias and In Range.

### ARTS-Out-of-Range Alert

A tone sounds. The red LED rapidly blinks.

The display shows Out of Range alternating with the Home screen.



### NOTICE:

Check with your dealer or system administrator for more information.

## 7.6.32

## Over-the-Air Programming

Your dealer can remotely update your radio through Over-the-Air Programming (OTAP) without any physical connection. Additionally, some settings can also be configured by using OTAP.

When your radio undergoes OTAP, the green LED blinks.

When your radio receives high volume data:

- The display shows the **High Volume Data** icon.
- The channel becomes busy.
- A negative tone sounds if you press the **PTT** button.

When OTAP completes, depending on the configuration:

- A tone sounds. The display shows **Updating** **Restarting**. Your radio restarts by powering off and on again.
- You can select **Restart Now** or **Postpone**. When you select **Postpone**, your radio returns to the previous

screen. The display shows the **OTAP Delay Timer** icon until the automatic restart occurs.

When your radio powers up after automatic restart:

- If successful, the display shows `Sw Update Completed`.
- If the program update is unsuccessful, a tone sounds, the red LED blinks once, and the display shows `Sw Update Failed`.



**NOTICE:**

If the programming update is unsuccessful, the software update failure indications appear every time you turn on your radio. Contact your dealer to reprogram your radio with the latest software to eliminate the software update failure indications.

See [Checking Software Update Information on page 235](#) for the updated software version.

### 7.6.33

## Transmit Inhibit

Transmit inhibit feature allow users to block all transmission from the radio.



**NOTICE:**

Bluetooth and Wi-Fi features are available in Transmit Inhibit mode.

### 7.6.33.1

## Enabling Transmit Inhibit

Follow the procedure to enable Transmit Inhibit.

Perform one of the following actions:

- Press  or  to Tx Inhibit and press  to select.
- Press the **Transmit Inhibit** programmable button.

- 
- A positive indicator tone sounds.
  - The display shows `Tx Inhibit On`.



**NOTICE:**

The status of the Transmit Inhibit does not change after the radio powers up.

### 7.6.33.2

## Disabling Transmit Inhibit

Follow the procedure to disable Transmit Inhibit.

Perform one of the following actions:

- Press ▲ or ▼ to Tx Inhibit and press  to select.
  - Press the **Transmit Inhibit** programmable button.
- 
- A negative indicator tone sounds. Transmission is back to normal operation.
  - The display shows Tx Inhibit Off.

#### 7.6.34

## Wi-Fi Operation

This feature allows you to set up and connect to a Wi-Fi network. Wi-Fi supports updates for radio firmware, codeplug, and resources such as language packs and voice announcement.



### NOTICE:

This feature is applicable to DGP 5550e/DGP 8550e only.

Wi-Fi® is a registered trademark of Wi-Fi Alliance®.

Your radio supports WEP/WPA/WPA2-Personal and WPA/WPA2-Enterprise Wi-Fi networks.

### WEP/WPA/WPA2-Personal Wi-Fi network

Uses pre-shared key (password) based authentication.

Pre-shared key can be entered by using the menu or CPS/RM.

### WPA/WPA2-Enterprise Wi-Fi network

Uses certificate-based authentication.

Your radio must be pre-configured with a certificate.



### NOTICE:

Check with your dealer or system administrator to connect to WPA/WPA2-Enterprise Wi-Fi network.

The programmed **Wi-Fi On or Off** button is assigned by your dealer or system administrator. Check with your dealer or system administrator to determine how your radio has been programmed.

Voice Announcements for the programmed **Wi-Fi On or Off** button can be customized through CPS according to



user requirements. Check with your dealer or system administrator for more information.



**NOTICE:**

You can turn on or turn off Wi-Fi remotely by using a designated radio (see [Turning Wi-Fi On or Off Remotely by Using a Designated Radio \(Individual Control\)](#) on page 207 and [Turning Wi-Fi On or Off Remotely by Using a Designated Radio \(Group Control\)](#) on page 208). Check with your dealer or system administrator for more information.

#### 7.6.34.1

### Turning Wi-Fi On or Off

- 1 Press the programmed **Wi-Fi On or Off** button. Voice Announcement sounds Turning On Wi-Fi or Turning Off Wi-Fi.
- 
- 2 Access this feature using the menu.
    - a Press  to access the menu.
    - b Press  or  to Wi-Fi and press  to select.

c Press  or  to Wi-Fi On and press  to select.

d Press  to turn on/off Wi-Fi.

If Wi-Fi is on, the display shows  beside Enabled.

If Wi-Fi is off, the  disappears from beside Enabled.

#### 7.6.34.2

### Turning Wi-Fi On or Off Remotely by Using a Designated Radio (Individual Control)

You can turn Wi-Fi on or off remotely in Individual Control (One to One).



**NOTICE:**

Only radio with specific CPS setting supports this function, check with your dealer or system administrator for more information.

- 1 Do one of the following:

- Long press the programmable button. Use the keypad to enter the ID and press  to select. Proceed to [step 4](#).

- Press  to access the menu.

2

Press  or  to **Contacts** and press  to select.

3 Use one of the steps described next to select the required subscriber alias:

- Select the subscriber alias directly.
  - Press  or  to the required subscriber alias or ID.
- Use the **Manual Dial** menu.
  - Press  or  to **Manual Dial** and press  to select.
  - Select **Radio Number** and use the keypad to enter the ID. Press  to select.

4

Press  or  to **WiFi Control** and press  to select.

5

Press  or  to select **On** or **Off**.

6

Press  to select.

If successful, the display shows a positive mini notice.

If unsuccessful, the display shows a negative mini notice.

#### 7.6.34.3

### Turning Wi-Fi On or Off Remotely by Using a Designated Radio (Group Control)

You can turn Wi-Fi on or off remotely in Group Control (One to Many).



#### NOTICE:

Only radio with specific CPS setting supports this function, check with your dealer or system administrator for more information.

- 1 Press  to access the menu.

---

- 2 Press  or  to `Contacts` and press  to select.

---

- 3 Press  or  to select the required subscriber alias or ID.

---

- 4 Press  or  to `WiFi Control` and press  to select.

---

- 5 Press  or  to select `On` or `Off`.

---

- 6 Press  to select.

---

If successful, the display shows `Sent Successfully`.

If unsuccessful, the display shows a negative mini notice.

#### 7.6.34.4

## Connecting to a Network Access Point

When you turn on Wi-Fi, the radio scans and connects to a network access point.



### NOTICE:

You can also connect to a network access point using the menu.

The WPA-Enterprise Wi-Fi network access points are pre-configured. Check with your dealer or system administrator to determine how your radio has been programmed.

- 1 Press  to access the menu.

---

- 2 Press  or  to `WiFi` and press  to select.

---

- 3 Press  or  to `Networks` and press  to select.

---

- 4 Press ▲ or ▼ to a network access point and press  to select.



**NOTICE:**

For WPA-Enterprise Wi-Fi, if a network access point is not preconfigured, the `Connect` option is not available.

- 5 Press ▲ or ▼ to `Connect` and press  to select.

- 6 For WPA-Personal Wi-Fi, enter the password and press  .

- 7 For WPA-Enterprise Wi-Fi, password is configured by using RM.

If the preconfigured password is correct, your radio automatically connects to the selected network access point.

If the preconfigured password is incorrect, the display shows `Authentication Failure`, and automatically returns to the previous menu.

If the connection is successful, the radio displays a notice and the network access point is saved into the profile list.

If the connection is unsuccessful, the radio displays shows the failure notice screen momentarily and automatically returns to the previous menu.

#### 7.6.34.5

### Checking Wi-Fi Connection Status

Press the programmed **Wi-Fi Status Query** button for the connection status by using Voice Announcement. Voice Announcement sounds `Wi-Fi is Off`, `Wi-Fi is On but No Connection`, or `Wi-Fi is On with Connection`.

- The display shows `WiFi Off` when the Wi-Fi is turned off.
- The display shows `WiFi On, Connected` when the radio is connected to a network.
- The display shows `WiFi On, Disconnected` when the Wi-Fi is turned on but the radio is not connected to any network.

Voice Announcements for the Wi-Fi status query results can be customized through CPS according to user requirements. Check with your dealer or system administrator for more information.



**NOTICE:**

The programmed **Wi-Fi Status Query** button is assigned by your dealer or system administrator. Check with your dealer or system administrator to determine how your radio has been programmed.

#### 7.6.34.6

### Refreshing the Network List

- Perform the following actions to refresh the network list through the menu.
  - a. Press  to access the menu.
  - b. Press  or  to **WiFi** and press  to select.

- c. Press  or  to **Networks** and press  to select.

When you enter the Networks menu, the radio automatically refreshes the network list.

- If you are already in the Networks menu, perform the following action to refresh the network list.

Press  or  to **Refresh** and press  to select.

The radio refreshes and displays the latest network list.

#### 7.6.34.7

### Adding a Network



**NOTICE:**

This task is not applicable to WPA-Enterprise Wi-Fi networks.

If a preferred network is not in the available network list, perform the following actions to add a network.

- 1 Press  to access the menu.

---

- 2 Press  or  to WiFi and press  to select.

---

- 3 Press  or  to Networks and press  to select.

---

- 4 Press  or  to Add Network and press  to select.

---

- 5 Enter the Service Set Identifier (SSID) and press .

---

- 6 Press  or  to Open and press  to select.

---

- 7 Enter the password and press .

The radio displays a positive mini notice to indicate that the network is successfully saved.

#### 7.6.34.8

### Viewing Details of Network Access Points

You can view details of network access points.

- 1 Press  to access the menu.

---

- 2 Press  or  to WiFi and press  to select.

---

- 3 Press  or  to Networks and press  to select.

---

- 4 Press  or  to a network access point and press  to select.

---

5

Press ▲ or ▼ to View Details and press  to select.



**NOTICE:**

WPA-Personal Wi-Fi and WPA-Enterprise Wi-Fi display different details of Network Access Points.

**WPA-Personal Wi-Fi**

For a connected network access point, your radio displays Service Set Identifier (SSID), Security Mode, Media Access Control (MAC) address, and Internet Protocol (IP) address.

For a non-connected network access point, your radio displays SSID and Security Mode.

**WPA-Enterprise Wi-Fi**

For a connected network access point, your radio displays SSID, Security Mode, Identity, Extended Authentication Protocol (EAP) Method, Phase 2 Authentication, Cert Name, MAC address, IP address, Gateway, DNS1, and DNS2.

For a non-connected network access point, your radio displays SSID, Security Mode, Identity, EAP Method, Phase 2 Authentication, and Cert Name.

7.6.34.9

## Removing Network Access Points



**NOTICE:**

This task is not applicable to Enterprise Wi-Fi networks.

Perform the following actions to remove network access points from the profile list.

1

Press  to access the menu.

2

Press ▲ or ▼ to WiFi and press  to select.

3

Press ▲ or ▼ to Networks and press  to select.

4

Press ▲ or ▼ to the selected network access point and press  to select.

5

Press ▲ or ▼ to Remove and press  to select.

6

Press ▲ or ▼ to Yes and press  to select.

The radio displays a positive mini notice to indicate that the selected network access point is successfully removed.

## 7.6.35

## Front Panel Programming

You are able to customize certain feature parameters in Front Panel Programming (FPP) to enhance the use of your radio.

The following buttons are used as required while navigating through the feature parameters.

### Up/Down Navigation Button

Press to navigate through options horizontally or vertically, or increase or decrease values.

### Menu/OK Button

Press to select the option or enter a sub-menu.

### Return/Home Button

Short press to return to the previous menu or exit the selection screen.

Long press at any time to return to the Home screen.

## 7.6.35.1

## Entering Front Panel Programming Mode

1

Press  to access the menu.

2

Press ▲ or ▼ to Utilities. Press  to select.

3

Press ▲ or ▼ to Program Radio. Press  to select.

## 7.6.35.2

## Editing FPP Mode Parameters

Use the following buttons as required while navigating through the feature parameters.

- ▲ , ▼ – Scroll through options, increase/decrease values, or navigate vertically.
-  – Select the option or enter a sub-menu.



-  – Short-press to return to previous menu or to exit the selection screen. Long-press to return to Home screen.

## 7.7

# Utilities

This chapter explains the operations of the utility functions available in your radio.

### 7.7.1

## Keypad Lock Options

With this feature, you can avoid accidentally pressing buttons or changing channels when your radio is not in use. You can choose to either lock your keypad, channel selector knob, or both; depending on your requirements.

Your dealer can use CPS/RM to configure one of the following options:

- Lock Keypad
- Lock Channel Selector Knob
- Lock Keypad and Channel Selector Knob

Contact your dealer to determine how your radio has been programmed.

### 7.7.1.1

## Enabling the Keypad Lock Option

The following steps are applicable for either Lock Keypad, Lock Channel Selector Knob, or Lock Keypad and Channel Selector Knob option depending on how your radio has been configured.

#### 1 Do one of the following:

- Press the programmed **Keypad Lock** button.  
Skip the following steps.
- Press  to access the menu.

#### 2

Press  or  to Utilities. Press  to select.

#### 3

Press  or  to Radio Settings. Press  to select.

4

Press ▲ or ▼ to Keypad Lock. Press  to select.

The display shows Locked.

### 7.7.1.2

## Disabling the Keypad Lock Option

The following steps are applicable for either Lock Keypad, Lock Channel Selector Knob, or Lock Keypad and Channel Selector Knob option depending on how your radio has been configured.

Do one of the following:

- Press the programmed **Keypad Lock** button.
- When the display shows Menu then \* To Unlock, press  followed by .

The display shows Unlocked.

### 7.7.2

## Turning Automatic Call Forwarding On or Off

You can enable your radio to automatically forward voice calls to another radio.

1

Press  to access the menu.

2

Press ▲ or ▼ to Utilities. Press  to select.

3

Press ▲ or ▼ to Radio Settings. Press  to select.

4

Press ▲ or ▼ to Call Forward. Press  to select.

5 Do one of the following:

- Press ▲ or ▼ to enable Call Forwarding. If enabled, ✓ appears beside Enabled.
- Press ▲ or ▼ to disable Call Forwarding. If disabled, ✓ disappears beside Enabled.

## 7.7.3

## Identifying Cable Type

Do the following steps to select the type of cable your radio uses.

- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities. Press  to select.

---

- 3 Press  or  to Radio Settings. Press  to select.

---

- 4 Press  or  to Cable Type. Press  to select.

---

- 5 Press  or  to change the selected option.  
The current cable type is indicated by a .

---

## 7.7.4

## Flexible Receive List

Flexible Receive List is a feature that allows you to create and assign members on the receive talkgroup list. Your radio can support a maximum of 16 members in the list. This feature is supported in Capacity Plus.

## 7.7.4.1

### Turning Flexible Receive List On or Off

Follow the procedure to turn Flexible Receive List on or off.

- 1 Do one of the following:
  - Press the programmed **Flexible Receive List** button. Skip the following steps.
  - Press  to access the menu.

---

- 2 Press  or  to Flexible Rx List. Press  to select.

---

- 3 Do one of the following:

- Press ▲ or ▼ to Turn On. Press  to select.  
A positive indicator tone sounds.  
The display shows a positive mini notice.
  - Press ▲ or ▼ to Turn Off. Press  to select.  
A negative indicator tone sounds.  
The display shows a negative mini notice.
- 

## 7.7.4.2

## Adding New Entries to the Flexible Receive List

Follow the procedure to add new members to the receive talkgroup list.

- Press  to access the menu.
  - Press ▲ or ▼ to Utilities. Press  to select.
- 

- Press ▲ or ▼ to Radio Settings. Press  to select.
  - Press ▲ or ▼ to Flexible Rx List. Press  to select.
  - Press ▲ or ▼ to View/Edit List. Press  to select.
  - Press ▲ or ▼ to Add Member. Press  to select.
  - Press ▲ or ▼ to the required alias or ID. Press  to select.  
The display shows a positive mini notice and then, Add Another?.
  - Do one of the following:
-

- Press ▲ or ▼ to Yes to add another entry.

Press  to select. Repeat [step 7](#).

- Press ▲ or ▼ to No to save the current list.

Press  to select.

---

#### 7.7.4.3

### Deleting Entries from the Flexible Receive List

Follow the procedure to delete members of the receive talkgroup list from your radio.

1 Press  to access the menu.

---

2 Press ▲ or ▼ to Utilities. Press  to select.

---

3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Flexible Rx List. Press  to select.

---

5 Press ▲ or ▼ to View/Edit List. Press  to select.

---

6 Press ▲ or ▼ to the required alias or ID. Press  to select.

---

7 Press ▲ or ▼ to Delete. Press  to select.

---

8 Do one of the following:

- Press ▲ or ▼ to Yes to delete the entry. Press  to select.  
The display shows a positive mini notice.
  - Press ▲ or ▼ to No. Press  to select.  
The radio returns to the previous screen.
- 

9 Repeat [step 6](#) to [step 8](#) to delete other entries.

---

- 10 Long press  to return to the Home screen after deleting all required aliases or IDs.
- 

## 7.7.4.4

## Deleting Entries From the Flexible Receive List Using Alias Search

Follow the procedure to delete members of the receive talkgroup list by using alias search.

- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities. Press  to select.

---

- 3 Press  or  to Radio Settings. Press  to select.

---

- 4 Press  or  to Flexible Rx List. Press  to select.

---

- 5 Press  or  to View/Edit List. Press  to select.
- 

- 6 Enter the first character of the required alias.  
The display shows a blinking cursor.
- 

- 7 Enter the rest of the characters of the required alias.  
The alias search is case-insensitive. If there are two or more entries with the same name, the display shows the entry listed first in the list.  
The first text line shows the characters you entered.  
The following text lines show the shortlisted search results.
- 

- 8 Press  to select.
- 

- 9 Press  or  to Delete. Press  to select.
- 

- 10 Do one of the following:

- Press ▲ or ▼ to Yes to delete the entry. Press



to select.

The display shows a positive mini notice.

- Press ▲ or ▼ to No. Press



The radio returns to the previous screen.

11

Long press  to return to the Home screen after deleting all required aliases or IDs.

### 7.7.5

## Setting Menu Timer

You can set the time your radio stays in the menu before it automatically switches to the Home screen. Follow the procedure to set the menu timer.

1

Press  to access the menu.

2

Press ▲ or ▼ to Utilities. Press  to select.

3

Press ▲ or ▼ to Radio Settings. Press  to select.

4

Press ▲ or ▼ to Display. Press  to select.

5

Press ▲ or ▼ to Menu Timer. Press  to select.

6

Press ▲ or ▼ to the required setting. Press  to select.

### 7.7.6

## Text-to-Speech

The Text-to-Speech feature can only be enabled by your dealer. If Text-to-Speech is enabled, the Voice Announcement feature is automatically disabled. If Voice Announcement is enabled, then the Text-to-Speech feature is automatically disabled.

This feature enables the radio to audibly indicate the following features:

- Current Channel
- Current Zone
- Programmed button feature on or off
- Content of received text messages
- Content of received Job Tickets

This audio indicator can be customized per customer requirements. This feature is typically useful when the user is in a difficult condition to read the content shown on the display.

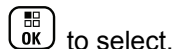
#### 7.7.6.1

### Setting Text-to-Speech

Follow the procedure to set the Text-to-Speech feature.

- 1 Press  to access the menu.
- 2 Press  or  to Utilities. Press  to select.
- 3 Press  or  to Radio Settings. Press  to select.

- 4 Press  or  to Voice Announcement. Press



- 5 Press  or  to any of the following features.

Press  to select.

The available features are as follows:

- All
- Messages
- Job Tickets
- Channel
- Zone
- Program Button

✓ appears beside the selected setting.



## 7.7.7

## Turning Acoustic Feedback Suppressor On or Off

The feature allows you to minimize acoustic feedback in received calls. Follow the procedure to turn Acoustic Feedback Suppressor on or off on your radio.

- 1 Do one of the following:
  - Press the programmed **AF Suppressor** button. Skip the following steps.
  - Press  to access the menu.

- 2 Press  or  to Utilities. Press  to select.

- 3 Press  or  to Radio Settings. Press  to select.

- 4 Press  or  to AF Suppressor. Press  to select.

- 5 Do one of the following:

- Press  to enable Acoustic Feedback Suppressor.
- Press  to disable Acoustic Feedback Suppressor.

If enabled,  appears beside Enabled. If disabled,  disappears beside Enabled.

## 7.7.8

## Turning Global Navigation Satellite System On or Off

Global Navigation Satellite System (GNSS) is a satellite navigation system that determines the radio precise location. GNSS includes Global Positioning System (GPS),

Global Navigation Satellite System (GLONASS), and BeiDou Navigation Satellite System (BDS).



**NOTICE:**

Selected radio models may offer GPS, GLONASS, and BDS. GNSS constellation is configured by using CPS. Check with your dealer or system administrator to determine how your radio has been programmed.

1

---

2 Do one of the following steps to toggle GNSS on or off on your radio.

- Press the programmed **GNSS** button.
  - Press  to access the menu. Proceed to the next step.
- 

3

Press  or  to Utilities. Press  to select.

---

4

Press  or  to Radio Settings. Press  to select.

---

5

Press  or  to GNSS. Press  to select.

---

6

Press  to enable or disable GNSS.

If enabled,  appears beside Enabled.

If disabled,  disappears beside Enabled.

---

### 7.7.9

## Turning Introduction Screen On or Off

You can enable and disable the Introduction Screen by following the procedure.

1

Press  to access the menu.

---

2

Press  or  to Utilities. Press  to select.

---

3

Press  or  to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Display. Press  to select.

---

5 Press ▲ or ▼ to Intro Screen. Press  to select.

---

6 Press  to enable or disable the Introduction Screen.

The display shows one of the following results:

- If enabled, ✓ appears beside Enabled.
  - If disabled, ✓ disappears beside Enabled.
- 

#### 7.7.10

## Turning Radio Tones/Alerts On or Off

You can enable and disable all radio tones and alerts, if needed, except for incoming Emergency alert tone . Follow

the procedure to turn tones and alerts on or off on your radio.

1 Do one of the following:

- Press the programmed **Tones/Alerts** button. Skip the following steps.
  - Press  to access the menu.
- 

2 Press ▲ or ▼ to Utilities. Press  to select.

---

3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Tones/Alerts. Press  to select.

---

5 Press ▲ or ▼ to All Tones. Press  to select.

---

6 Press  to enable or disable all tones and alerts. The display shows one of the following results:

- If enabled, ✓ appears beside Enabled.
- If disabled, ✓ disappears beside Enabled.

## 7.7.11

## Setting Tones/Alerts Volume Offset Levels

This feature adjusts the volume of the tones or alerts, allowing it to be higher or lower than the voice volume. Follow the procedure to set the tones and alerts volume offset levels on your radio.

- 1 Press  to access the menu.
- 2 Press  or  to Utilities. Press  to select.
- 3 Press  or  to Radio Settings. Press  to select.
- 4 Press  or  to Tones/Alerts. Press  to select.

## 5

Press  or  to Vol. Offset. Press  to select.

## 6

Press  or  to the required volume offset level. A feedback tone sounds with each corresponding volume offset level.

## 7

Do one of the following:

- Press  to select. The required volume offset level is saved.
- Press  to exit. The changes are discarded.

## 7.7.12

## Turning Talk Permit Tone On or Off

Follow the procedure to turn Talk Permit Tone on or off on your radio.

## 1

Press  to access the menu.

2 Press ▲ or ▼ to Utilities. Press  to select.

---

3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Tones/Alerts. Press  to select.

---

5 Press ▲ or ▼ to Talk Permit. Press  to select.

---

6 Press  to enable or disable the Talk Permit Tone.

The display shows one of the following results:

- If enabled, ✓ appears beside Enabled.
  - If disabled, ✓ disappears beside Enabled.
- 

## Turning Power Up Tone On or Off

Follow the procedure to turn Power Up Tone on or off on your radio.

1 Press  to access the menu.

---

2 Press ▲ or ▼ to Utilities. Press  to select.

---

3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Tones/Alerts. Press  to select.

---

5 Press ▲ or ▼ to Power Up. Press  to select.

---

6 Press  to enable or disable the Power Up Tone. The display shows one of the following results:

- If enabled, ✓ appears beside Enabled.

- If disabled, ✓ disappears beside Enabled.

## 7.7.14

## Setting Text Message Alert Tones

You can customize the text message alert tone for each entry in the Contacts list. Follow the procedure to set the text message alert tones on your radio.

- 1 Press  to access the menu.
- 2 Press ▲ or ▼ to Contacts. Press  to select.
- 3 Press ▲ or ▼ to the required alias or ID. Press  to select.
- 4 Press ▲ or ▼ to Message Alert. Press  to select.
- 5 Do one of the following:

- Press ▲ or ▼ to Momentary. Press  to select.

The display shows ✓ beside Momentary.

- Press ▲ or ▼ to Repetitive. Press  to select.

The display shows ✓ beside Repetitive.

## 7.7.15

## Power Levels

You can customize the power setting to high or low for each channel.

### High

This enables communication with radios located at a considerable distance from you.

### Low

This enables communication with radios in closer proximity.



### NOTICE:

This feature is not applicable in Citizens Band channels that are in the same frequency.

## 7.7.15.1

## Setting Power Levels

Follow the procedure to set the power levels on your radio.

- 1 Do one of the following:
  - Press the programmed **Power Level** button. Skip the steps below.
  - Press  to access the menu.

- 2 Press  or  to Utilities. Press  to select.

- 3 Press  or  to Radio Settings. Press  to select.

- 4 Press  or  to Power. Press  to select.

- 5 Do one of the following:
  - Press  or  to High. Press  to select.  
The display shows  beside High.

- Press  or  to Low. Press  to select.  
The display shows  beside Low.

6

- Long press  to return to the Home screen.

## 7.7.16

## Changing Display Modes

You can change the display mode of the radio between Day or Night, as needed. This feature affects the color palette of the display. Follow the procedure to change the display mode of your radio.

- 1 Do one of the following:
  - Press the programmed **Display Mode** button. Skip the following steps.
  - Press  to access the menu.

2

- Press  or  to Utilities. Press  to select.

3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Display. Press  to select.  
The display shows Day Mode and Night Mode.

---

5 Press ▲ or ▼ to the required setting. Press  to select.  
The display shows ✓ beside the selected setting.

---

#### 7.7.17

## Adjusting Display Brightness

Follow the procedure to adjust the display brightness on your radio.

- 1 Do one of the following:
  - Press the programmed **Brightness** button. Skip the following steps.

- Press  to access the menu.
- 

2 Press ▲ or ▼ to Utilities. Press  to select.

---

3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Brightness. Press  to select.  
The display shows the progress bar.

---

5 Press ▲ or ▼ to decrease or increase the display brightness. Press  to select.

---

#### 7.7.18

## Setting Display Backlight Timer

You can set the display backlight timer of the radio as needed. The setting also affects the Menu Navigation



Buttons and keypad backlighting accordingly. Follow the procedure to set the backlight timer on your radio.

- 1 Do one of the following:
  - Press the programmed **Backlight** button. Skip the following steps.
  - Press  to access the menu.

---

- 2 Press  or  to Utilities. Press  to select.

---

- 3 Press  or  to Radio Settings. Press  to select.

---

- 4 Press  or  to Display. Press  to select.

---

- 5 Press  or  to Backlight Timer. Press  to select.

---

The display backlight and keypad backlighting are automatically turned off as the LED indicator is disabled.

See [Turning LED Indicators On or Off on page 226](#) for more information.

### 7.7.19

## Turning Backlight Auto On or Off

You can enable and disable the backlight of the radio to turn on automatically as needed. If enabled, the backlight is turned on when the radio receives a call, Notification List event, or Emergency Alarm.

---

- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities. Press  to select.

---

- 3 Press  or  to Radio Settings. Press  to select.

---

- 4 Press  or  to Backlight Auto.

---

- 5 Press  to enable or disable Backlight Auto.  
The display shows one of the following results:

- If enabled, ✓ appears beside Enabled.
- If disabled, ✓ disappears beside Enabled.

## 7.7.20

## Squelch Levels

You can adjust the squelch level to filter out unwanted calls with low signal strength or channels with noise higher than normal background.

### Normal

This is the default setting.

### Tight

This setting filters out unwanted calls and/or background noise. Calls from remote locations may also be filtered out.



#### NOTICE:

This feature is not applicable in Citizens Band channels that are in the same frequency.

## 7.7.20.1

## Setting Squelch Levels

Follow the procedure to set the squelch levels on your radio.

- Do one of the following:
  - Press the programmed **Squelch** button. Skip the following steps.
  - Press  to access the menu.
- Press  or  to Utilities. Press  to select.
- Press  or  to Radio Settings. Press  to select.
- Press  or  to Squelch. Press  to select.
- Do one of the following:
  - Press  or  to Normal. Press  to select. The display shows ✓ beside Normal.

- Press ▲ or ▼ to Tight. Press  to select. The display shows ✓ beside Tight.

The screen automatically returns to the previous menu.

---

### 7.7.21

## Turning LED Indicators On or Off

Follow the procedure to turn the LED indicators on or off on your radio.

- 1 Press  to access the menu.
  - 2 Press ▲ or ▼ to Utilities. Press  to select.
  - 3 Press ▲ or ▼ to Radio Settings. Press  to select.
  - 4 Press ▲ or ▼ to LED Indicator. Press  to select.
- 

- 5 Press  to enable or disable the LED indicator. The display shows one of the following results:
    - If enabled, ✓ appears beside Enabled.
    - If disabled, ✓ disappears beside Enabled.
- 

### 7.7.22

## Setting Languages

Follow the procedure to set the languages on your radio.

- 1 Press  to access the menu.
  - 2 Press ▲ or ▼ to Utilities. Press  to select.
  - 3 Press ▲ or ▼ to Radio Settings. Press  to select.
  - 4 Press ▲ or ▼ to Languages. Press  to select.
-

- 5 Press ▲ or ▼ to the required language. Press



to select.

The display shows ✓ beside the selected language.

### 7.7.23

## Voice Operating Transmission

The Voice Operating Transmission (VOX) allows you to initiate a hands-free voice-activated call on a programmed channel. The radio automatically transmits, for a programmed period, whenever the microphone on the VOX-capable accessory detects voice.



#### NOTICE:

This feature is not applicable in Citizens Band channels that are in the same frequency.

You can enable or disable VOX by doing one of the following:

- Turn the radio off and then power it on again to enable VOX.
- Change the channel by using the **Channel Selector** knob to enable VOX.

- Turn VOX on or off by using the programmed **VOX** button or menu to enable or disable VOX.
- Press the **PTT** button during radio operation to disable VOX.



#### NOTICE:

Turning this feature on or off is limited to radios with this function enabled. Check with your dealer or system administrator for more information.

### 7.7.23.1

## Turning Voice Operating Transmission On or Off

Follow the procedure to turn VOX on or off on your radio.

- 1 Do one of the following:

- Press the programmed **VOX** button. Skip the steps below.
- Press  to access the menu.

- 2

Press ▲ or ▼ to Utilities. Press  to select.

- 3 Press ▲ or ▼ to Radio Settings. Press  to select.
- 

- 4 Press ▲ or ▼ to VOX. Press  to select.
- 

- 5 Do one of the following:

- Press ▲ or ▼ to On. Press  to select. The display shows ✓ beside On.
  - Press ▲ or ▼ to Off. Press  to select. The display shows ✓ beside Off.
- 



**NOTICE:**

If the Talk Permit Tone is enabled, use a trigger word to initiate the call. Wait for the Talk Permit Tone to finish before speaking clearly into the microphone. See [Turning Talk Permit Tone On or Off on page 220](#) for more information.

## Turning Option Board On or Off

Option board capabilities within each channel can be assigned to programmable buttons. Follow the procedure to turn option board on or off on your radio.

Press the programmed **Option Board** button.

---

### 7.7.25

## Turning Voice Announcement On or Off

This feature enables the radio to audibly indicate the current zone or channel the user has just assigned, or the programmable button the user has just pressed.

This is typically useful when the user has difficulty reading the content shown on the display.

This audio indicator can be customized according to customer requirements. Follow the procedure to turn Voice Announcement on or off on your radio.

- 1 Do one of the following:

- Press the programmed **Voice Announcement** button. Skip the following steps.

- Press  to access the menu.

---

2 Press  or  to Utilities. Press  to select.

---

3 Press  or  to Radio Settings. Press  to select.

---

4 Press  or  to Voice Announcement. Press  to select.

---

5 Press  to enable or disable Voice Announcement.

- If enabled,  appears beside Enabled.
- If disabled,  disappears beside Enabled.

---

## 7.7.26

## Turning Digital Microphone AGC On or Off

The Digital Microphone Automatic Gain Control (AGC) controls the microphone gain of the radio automatically while transmitting on a digital system.

This feature suppresses loud audio or boosts soft audio to a preset value in order to provide a consistent level of audio. Follow the procedure to turn Digital Microphone AGC on or off on your radio.

1 Press  to access the menu.

---

2 Press  or  to Utilities. Press  to select.

---

3 Press  or  to Radio Settings. Press  to select.

---

4 Press  or  to Mic AGC-D. Press  to select.

---

- 5 Press  to enable or disable Digital Microphone AGC.

The display shows one of the following results:

- If enabled, ✓ appears beside Enabled.
- If disabled, ✓ disappears beside Enabled.

#### 7.7.27

## Turning Analog Microphone AGC On or Off

The Analog Microphone Automatic Gain Control (AGC) controls the microphone gain of the radio automatically while transmitting on an analog system.

This feature suppresses loud audio or boosts soft audio to a preset value in order to provide a consistent level of audio. Follow the procedure to turn Analog Microphone AGC on or off on your radio.

- 1 Press  to access the menu.

- 2 Press ▲ or ▼ to Utilities. Press  to select.

- 3 Press ▲ or ▼ to Radio Settings. Press  to select.

- 4 Press ▲ or ▼ to Mic AGC-A. Press  to select.

- 5 Press  to enable or disable Analog Microphone AGC.

The display shows one of the following results:

- If enabled, ✓ appears beside Enabled.
- If disabled, ✓ disappears beside Enabled.

## 7.7.28

## Switching Audio Route between Internal Radio Speaker and Wired Accessory

Follow the procedure to toggle audio routing between internal radio speaker and wired accessory.

You can toggle audio routing between the internal radio speaker and the speaker of a wired accessory with the condition that:

- The wired accessory with speaker is attached.
- The audio is not routed to an external Bluetooth accessory.

---

Press the programmed **Audio Toggle** button.

---

A tone sounds when the audio route has switched.

Powering down the radio or detaching the accessory resets the audio routing to the internal radio speaker.

## 7.7.29

## Turning Intelligent Audio On or Off

Your radio automatically adjusts the audio volume to overcome current background noise in the environment, inclusive of both stationary and non-stationary noise sources. This is a receive-only feature and does not affect transmission audio. Follow the procedure to turn Intelligent Audio on or off on your radio.



### NOTICE:

This feature is not applicable during a Bluetooth session.

#### 1 Do one of the following:

- Press the programmed **Intelligent Audio** button. Skip the steps below.
- Press  **OK** to access the menu.

#### 2

Press  or  to Utilities. Press  **OK** to select.

#### 3

Press  or  to Radio Settings. Press  **OK** to select.

---



4 Press ▲ or ▼ to Intelligent Audio. Press



to select.

5 Do one of the following:

- Press ▲ or ▼ to On. Press  to select. The display shows ✓ beside On.
- Press ▲ or ▼ to Off. Press  to select. The display shows ✓ beside Off.

### 7.7.30

## Turning Trill Enhancement On or Off

You can enable this feature when you are speaking in a language that contains many words with alveolar trill (rolling "R") pronunciations. Follow the procedure to turn Trill Enhancement on or off on your radio.

1 Do one of the following:

- Press the programmed **Trill Enhancement** button. Skip the steps below.

- Press  to access the menu.

2

Press ▲ or ▼ to Utilities. Press  to select.

3

Press ▲ or ▼ to Radio Settings. Press  to select.

4

Press ▲ or ▼ to Trill Enhance. Press  to select.

5 Do one of the following:

- Press ▲ or ▼ to On. Press  to select. The display shows ✓ beside On.
- Press ▲ or ▼ to Off. Press  to select. The display shows ✓ beside Off.

## 7.7.31

## Turning the Microphone Dynamic Distortion Control Feature On or Off

This feature allows you to enable the radio to automatically monitor the microphone input and adjust the microphone gain value to avoid audio clipping.

- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities. Press  to select.

---

- 3 Press  or  to Radio Settings. Press  to select.

---

- 4 Press  or  to Mic Distortion. Press  to select.

---

- 5 Do one of the following:

- Press  to enable Microphone Dynamic Distortion Control. If enabled, ✓ appears beside Enabled.
- Press  to disable Microphone Dynamic Distortion Control. If disabled, ✓ disappears beside Enabled.

## 7.7.32

## Setting Audio Ambience

Follow the procedure to set the audio ambience on your radio according to your environment.

- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities. Press  to select.

---

- 3 Press  or  to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Audio Ambience. Press  to select.

---

5 Press ▲ or ▼ to the required setting. Press  to select.

The settings are as follows.

- Choose Default for the default factory settings.
- Choose Loud to increase speaker loudness when using in noisy surroundings.
- Choose Work Group to reduce acoustic feedback when using with a group of radios that are near to each other.

The display shows ✓ beside the selected setting.

---

### 7.7.33

## Setting Audio Profiles

Follow the procedure to set audio profiles on your radio.

1 Press  to access the menu.

---

2 Press ▲ or ▼ to Utilities. Press  to select.

---

3 Press ▲ or ▼ to Radio Settings. Press  to select.

---

4 Press ▲ or ▼ to Audio Profiles. Press  to select.

---

5 Press ▲ or ▼ to the required setting. Press  to select.

The settings are as follows.

- Choose Default to disable the previously selected audio profile and return to the default factory settings.
- Choose Level 1, Level 2, or Level 3 for audio profiles intended to compensate for noise-induced hearing loss that is typical for adults over 40 years of age.
- Choose Treble Boost, Mid Boost, or Bass Boost for audio profiles that align with your

preference for tinnier, more nasal, or deeper sounds.

The display shows ✓ beside the selected setting.

---

### 7.7.34

## General Radio Information

Your radio contains information on various general parameters.

The general information of your radio is as follows:

- Battery information.
- Radio alias and ID.
- Firmware and Codeplug versions.
- Software update.
- GNSS information.
- Site information.
- Received Signal Strength Indicator.



### NOTICE:

Press  to return to the previous screen. Long

press  to return to the Home screen. The radio exits the current screen once the inactivity timer expires.

### 7.7.34.1

## Accessing Battery Information

Displays information of your radio battery.

1

Press  to access the menu.

---

2

Press  or  to Utilities. Press  to select.

---

3

Press  or  to Radio Info. Press  to select.

---

- 4 Press ▲ or ▼ to Battery Info. Press  to select.



**NOTICE:**

For **IMPRES** batteries only: The display reads Recondition Battery when the battery requires reconditioning in an IMPRES charger. After the reconditioning process, the display then shows the battery information.

The display shows the battery information.



**NOTICE:**

For non-supported battery, the display shows Unknown Battery.

You can press the programmed **Radio Alias and ID** button to return to the previous screen.

- Press  to access the menu.

2

Press ▲ or ▼ to Utilities. Press  to select.

3

Press ▲ or ▼ to Radio Info. Press  to select.

4

Press ▲ or ▼ to My ID. Press  to select.

The first text line shows the radio alias. The second text line shows the radio ID.

## 7.7.34.2

### Checking Radio Alias and ID

- 1 Do one of the following:
  - Press the programmed **Radio Alias and ID** button. Skip the following steps. A positive indicator tone sounds.

## 7.7.34.3

### Checking Firmware and Codeplug Versions

1

Press  to access the menu.

2 Press ▲ or ▼ to Utilities. Press  to select.

---

3 Press ▲ or ▼ to Radio Info. Press  to select.

---

4 Press ▲ or ▼ to Versions. Press  to select.  
The display shows the current firmware and codeplug versions.

---

#### 7.7.34.4

### Checking GNSS Information

Displays the GNSS information on your radio, such as values of:

- Latitude
- Longitude
- Altitude
- Direction
- Velocity

- Horizontal Dilution of Precision (HDOP)
- Satellites
- Version

1 Press  to access the menu.

---

2 Press ▲ or ▼ to Utilities. Press  to select.

---

3 Press ▲ or ▼ to Radio Info. Press  to select.

---

4 Press ▲ or ▼ to GNSS Info. Press  to select.

---

5 Press ▲ or ▼ to the required item. Press  to select. The display shows the requested GNSS information.

---

## 7.7.34.5

## Checking Software Update Information

This feature shows the date and time of the latest software update carried out through OTAP or Wi-Fi. Follow the procedure to check the software update information on your radio.

- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities. Press  to select.

---

- 3 Press  or  to Radio Info. Press  to select.

---

- 4 Press  or  to SW Update. Press  to select.  
The display shows the date and time of the latest software update.

Software Update menu is only available after at least one successful OTAP or Wi-Fi session. See [Over-the-Air Programming on page 530](#) for more information.

## 7.7.34.6

## Displaying Site Information

Follow the procedure to display the current site name your radio is on.

- 1 Press  to access the menu.

---

- 2 Press  or  to Utilities. Press  to select.

---

- 3 Press  or  to Radio Info. Press  to select.

---

- 4 Press  or  to Site Info. Press  to select.

The display shows the current site name.

## 7.7.34.7

## Received Signal Strength Indicator

This feature allows you to view the Received Signal Strength Indicator (RSSI) values.

The display shows the **RSSI** icon at the top right corner. See [Display Icons](#) for more information on the **RSSI** icon.

#### 7.7.34.7.1

### Viewing RSSI Values

At the home screen, press three times and immediately press , all in 5 seconds.

The display shows the current RSSI values.

To return to the home screen, press and hold .

#### 7.7.35

### Viewing Enterprise Wi-Fi Certificate Details

You can view the details of the selected Enterprise Wi-Fi Certificate.

- 1 Press to access the menu.

- 2 Press or to Utilities. Press to select.

- 3 Press or to Certificate Menu. Press to select.

appears beside ready certificates.

- 4 Press or to the required certificate. Press to select.

Your radio displays the full details of the certificate.



#### **NOTICE:**

For unready certificates, the display shows only Status.



## Authorized Accessories List

Motorola Solutions provides the following approved accessories to improve the productivity of your digital portable two-way radio.

**Table 17: Antenna**

| Part Number | Description                       |
|-------------|-----------------------------------|
| PMAD4116_   | VHF, 144–165 MHz, Helical Antenna |
| PMAD4117_   | VHF, 136–155 MHz, Helical Antenna |
| PMAD4118_   | VHF, 152–174 MHz, Helical Antenna |
| PMAD4119_   | VHF, 136–148 MHz, Stubby Antenna  |
| PMAD4120_   | VHF, 146–160 MHz, Stubby Antenna  |
| PMAD4121_   | VHF, 160–174 MHz, Stubby Antenna  |

| Part Number             | Description                              |
|-------------------------|------------------------------------------|
| PMAD4147_               | VHF, 136–174 MHz, Whip Antenna 20 cm     |
| PMAD4133_ <sup>12</sup> | VHF, 360–400 MHz, Stubby Antenna         |
| PMAD4136_ <sup>12</sup> | VHF, 350–380 MHz, Stubby Antenna         |
| PMAD4139_ <sup>12</sup> | VHF, 350–400 MHz, Whip Antenna           |
| PMAE4069_               | UHF, 403–450 MHz, Stubby Antenna         |
| PMAE4070_               | UHF, 440–490 MHz, Stubby Antenna         |
| PMAE4071_               | UHF, 470–527 MHz, Stubby Antenna         |
| PMAE4079_               | UHF, 403–527 MHz, Slim Whip Antenna      |
| PMAF4009_               | 800/900, 806–870 MHz, Short Whip Antenna |

<sup>12</sup> Applicable to Full Keypad and Non-Keypad only.

| Part Number             | Description                              |
|-------------------------|------------------------------------------|
| PMAF4010_               | 800/900, 896–941 MHz, Short Whip Antenna |
| PMAF4011_ <sup>13</sup> | 800/900, 806–870 MHz, Whip Antenna       |
| PMAF4012_ <sup>13</sup> | 800/900, 896–941 MHz, Whip Antenna       |

**Table 18: Batteries**

| Part Number             | Description                                                   |
|-------------------------|---------------------------------------------------------------|
| NNTN8129_ <sup>14</sup> | IMPRES Hi-Capacity Li-Ion, 2300 mAh Battery (FM)              |
| NNTN8560_               | Impres Hi-Capacity Li-Ion, 2500 mAh IP57 Battery, 2300M 2500T |

| Part Number              | Description                                                  |
|--------------------------|--------------------------------------------------------------|
| PMNN4406_R <sup>15</sup> | Core Slim Li-Ion, 1600 mAh IP56 Battery                      |
| PMNN4407_R <sup>15</sup> | IMPRES Slim Li-Ion, 1600 mAh IP56 Battery                    |
| PMNN4409_R <sup>15</sup> | IMPRES Li-Ion Non-FM, 2250 mAh IP56 Battery                  |
| PMNN4435_R <sup>16</sup> | Li-Mn 1400 mAh low temp -30 °C battery Submersible (IP67)    |
| PMNN4463_ <sup>17</sup>  | Battery Li-Ion, IP57 2050 mAh                                |
| PMNN4488_                | IMPRES Li-Ion, 3000 mAh IP68 Battery for Vibrating Belt Clip |
| PMNN4489_ <sup>18</sup>  | IMPRES Li-Ion, 2900 mAh TIA 4950 HAZLOC IP68 Battery         |

<sup>13</sup> Applicable to Full Keypad and Non-Keypad only.<sup>14</sup> Not applicable to DGP 5550e/DGP 8550e/DGP 5050e/DGP 8050e<sup>15</sup> Version B or later.<sup>16</sup> Your radio is compatible with the accessories listed here. Contact your dealer for details.<sup>17</sup> Your radio is compatible with the accessories listed here. Contact your dealer for details.<sup>18</sup> Applicable to DGP 5550e/DGP 8550e/DGP 5050e/DGP 8050e only.

| Part Number             | Description                                       |
|-------------------------|---------------------------------------------------|
| PMNN4491_               | IMPRES Slim Li-Ion, 2100 mAh IP68 Battery         |
| PMNN4493_               | IMPRES Li-Ion, 3000 mAh IP68 Battery, Low Voltage |
| PMNN4543_ <sup>19</sup> | Core Li-Ion, 2450 mAh IP68 Battery                |
| PMNN4544_ <sup>19</sup> | IMPRES Li-Ion, 2450 mAh IP68 Battery              |

**Table 19: Carry Devices**

| Part Number | Description                                  |
|-------------|----------------------------------------------|
| PMLN4651_   | Belt Clip for 2 in. Belt Width               |
| PMLN5610_   | 2.5 in. Replacement Leather Swivel Belt Loop |
| PMLN5611_   | 3 in. Replacement Leather Swivel Belt Loop   |

| Part Number             | Description                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------|
| PMLN5839_ <sup>20</sup> | Hard Leather Carry Case with 3 in. Fixed Belt Loop for Non-Display Radio                       |
| PMLN5840_ <sup>21</sup> | Hard Leather Carry Case with 3 in. Swivel Belt Loop for Full-Keypad Radio                      |
| PMLN5842_ <sup>21</sup> | Hard Leather Carry Case with 2.5 in. Swivel Belt Loop for Full-Keypad and Limited-Keypad Radio |
| PMLN5843_ <sup>21</sup> | Hard Leather Carry Case with 2.5 in. Swivel Belt Loop for Non-Display Radio                    |
| PMLN5844_ <sup>21</sup> | Nylon Carry Case with 3 in. Fixed Belt Loop for Full-Keypad and Limited-Keypad Radio           |
| PMLN5845_ <sup>20</sup> | Nylon Carry Case with 3 in. Fixed Belt Loop for Non-Display Radio                              |

<sup>19</sup> Applicable to Full Keypad and Limited Keypad only.<sup>20</sup> Applicable to Non-Keypad only.<sup>21</sup> Applicable to Full Keypad and Limited Keypad only.

| Part Number             | Description                                                               |
|-------------------------|---------------------------------------------------------------------------|
| PMLN5846_ <sup>20</sup> | Hard Leather Carry Case with 3 in. Swivel Belt Loop for Non-Display Radio |
| PMLN7008_               | Belt Clip for 2.5 in. Belt Width                                          |
| PMLN7296_               | Vibrating Belt Clip for 2.5 in. Belt Width                                |
| RLN6486_ <sup>22</sup>  | Leather Radio Strap                                                       |
| RLN6487_ <sup>22</sup>  | Leather Radio Strap, Size XL                                              |
| RLN6488_ <sup>22</sup>  | Anti-Sway Leather Radio Strap                                             |

**Table 20: Chargers**

| Part Number | Description                                     |
|-------------|-------------------------------------------------|
| EPNN9288_   | Travel Charger Micro USB Fast Rate Fixed-Sprint |
| HKVN4036_   | IMPRES Battery Fleet Management License Key     |

| Part Number             | Description                                                              |
|-------------------------|--------------------------------------------------------------------------|
| NLN7967_ <sup>23</sup>  | Wall Mount Bracket for IMPRES Multi-Unit Charger                         |
| NNTN7392_               | IMPRES Battery Reader                                                    |
| NNTN7616_               | IMPRES Vehicular Charger                                                 |
| NNTN7677_ <sup>23</sup> | IMPRES Battery Fleet Management Multi-Unit Charger Interface Unit        |
| NNTN8045_ <sup>23</sup> | IMPRES Battery Fleet Management Single-Unit Charger Interface Unit       |
| NNTN8117_               | Core Single-Unit Charger, Base Only                                      |
| NNTN8224_               | Standard Single-Unit Charger with Power Supply, Linear PRC               |
| NNTN8225_               | Single-Unit Charger, Argentina Plug                                      |
| NNTN8226_               | Standard Single-Unit Charger with Power Supply, Linear, 110 V ac US Plug |
| NNTN8273_               | Single Unit Charger, Euro Plug                                           |

<sup>22</sup> Your radio is compatible with the accessories listed here. Contact your dealer for details.

<sup>23</sup> Your radio is compatible with the accessories listed here. Contact your dealer for details.

| Part Number             | Description                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| NNTN8275_               | Standard Single-Unit Charger with Power Supply, Switch-Mode – 21 W, NA/LA                                                         |
| NNTN8280_               | Core Single-Unit Charger, with Power Supply, Brazil Plug                                                                          |
| NNTN8525_ <sup>24</sup> | Travel Charger, Rapid Rate with Voltage Regulated Vehicular Charger Adapter, Custom Charger Base, Mounting Bracket, and Coil Cord |
| WPLN4243_               | 110 VAC 50/60 HZ US IMPRES Single-Unit Charger                                                                                    |
| WPLN4211_               | IMPRES Multi-Unit Charger, Base Only                                                                                              |
| WPLN4277_               | IMPRES Multi Unit Charger non display - Brazil Plug                                                                               |
| WPLN4278_               | IMPRES Multi Unit Charger with display - Brazil Plug                                                                              |
| WPLN4212_               | IMPRES Multi-Unit Charger, US Plug                                                                                                |

| Part Number | Description                                           |
|-------------|-------------------------------------------------------|
| WPLN4213_   | IMPRES Multi-Unit Charger, 110–230 V, Euro Plug       |
| WPLN4216_   | IMPRES Multi-Unit Charger, Argentina Plug             |
| WPLN4218_   | IMPRES Multi-Unit Charger with Display Base Only      |
| WPLN4219_   | IMPRES Multi-Unit Charger with Display, US plug       |
| WPLN4223_   | IMPRES Multi Unit Charger with display Argentina Plug |
| WPLN4220_   | IMPRES Multi-Unit Charger with Display, Euro Plug     |
| WPLN4225_   | Core Single-Unit Charger, Base Only                   |
| WPLN4226_   | IMPRES Single-Unit Charger, Base Only                 |
| WPLN4227_   | 110 VAC 50/60 Hz US Core Single-Unit Charger          |

<sup>24</sup> Your radio is compatible with the accessories listed here. Contact your dealer for details.

| Part Number | Description                                                      |
|-------------|------------------------------------------------------------------|
| WPLN4231_   | 220–240 VAC 50 Hz Argentina Core Single-Unit Charger             |
| WPLN4232_   | IMPRES Single-Unit Charger, US plug                              |
| WPLN4233_   | IMPRES Single-Unit Charger with Display, UK Plug, Argentina Plug |
| WPLN4234_   | IMPRES Single-Unit Charger, Euro Plug                            |
| WPLN4236_   | 220–240 VAC 50 Hz Argentina IMPRES Single-Unit Charger           |
| WPLN4239_   | IMPRES Multi Unit Charger US 1-Up Display                        |
| WPLN4253_   | LTD Single-Unit Charger IMPRES (SMPS NA/LA)                      |
| WPLN4281_   | IMPRES Single-Unit Charger, Brazil Plug                          |

Table 21: Earbuds and Earpieces

| Part Number | Description                                        |
|-------------|----------------------------------------------------|
| AARLN4885_  | Receive-Only Earbud                                |
| BDN6666_    | Earpiece with Volume Control                       |
| BDN6728_    | Receive-Only Earpiece with Volume Control, Black   |
| PMLN4620_   | D-Shell Receive-Only Earpiece                      |
| PMLN5096_   | D-Shell Earset                                     |
| PMLN5101_   | IMPRES Temple Transducer with In-line Push-to-Talk |
| PMLN5973_   | Ear Receiver with In-line Mic/PTT, MagOne          |
| PMLN5975_   | Swivel Earpiece with MIC/PTT, MagOne               |
| PMLN5976_   | Earset with Boom MIC In-line PTT, MagOne           |
| PMLN6069_   | Earbud with In-line Mic/PTT, MagOne                |

| Part Number             | Description                                              |
|-------------------------|----------------------------------------------------------|
| PMLN7181_ <sup>25</sup> | Flexible Fit Swivel Earpiece with Boom Mic               |
| PMLN7203_ <sup>25</sup> | Flexible Fit Swivel Earpiece with Boom Mic, Multipack    |
| PMLN7696_ <sup>25</sup> | Completely Discreet Earpiece Kit                         |
| PMLN7851_               | Operational Critical Wireless Earpiece PTT               |
| RLN4941_                | Receive-Only Earpiece                                    |
| RLN5037_                | Replacement Ear Tubes for Comm-Port Earpiece, Pack of 10 |
| RLN5313_                | Receive-Only Noise Surveillance Kit, Black               |
| RLN5314_                | Receive-Only Noise Surveillance Kit, Beige               |
| RLN6279_                | Standard Earpiece, Black                                 |
| RLN6280_                | Standard Earpiece, Beige                                 |
| RLN6283_                | Replacement Foam Ear Pad and Windscreen                  |

| Part Number            | Description                                                                                   |
|------------------------|-----------------------------------------------------------------------------------------------|
| RLN6284_               | Earpiece with Acoustic Tube Assembly, Beige                                                   |
| RLN6285_               | Earpiece with Acoustic Tube Assembly, Black                                                   |
| RLN6288_               | Earpiece with High Noise Kit, Beige                                                           |
| RLN6289_               | Earpiece with High Noise Kit, Black                                                           |
| RLN6511_ <sup>25</sup> | Clear EP7-Small Hearing Protectors [Sonic Defenders] Ultra Earplugs, Noise reduction = 28 dB  |
| RLN6512_ <sup>25</sup> | Clear EP7-Medium Hearing Protectors [Sonic Defenders] Ultra Earplugs, Noise reduction = 28 dB |
| RLN6513_ <sup>25</sup> | Clear EP7-Large Hearing Protectors [Sonic Defenders] Ultra Earplugs, Noise reduction = 28 dB  |
| RLN6550_ <sup>25</sup> | Swivel Earpiece with In-Line Microphone for Bluetooth Accessory Kit Pod, Pack of 3            |
| NNTN8294_              | 1-Wire Earbud, 29 cm Cord, Black                                                              |

<sup>25</sup> Your radio is compatible with the accessories listed here. Contact your dealer for details.

| Part Number             | Description                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NNTN8295_               | 1-Wire Earbud, 116 cm Cord, Black                                                                                                                                     |
| NNTN8296_               | Wireless Covert Kit, includes two sets of 2-Wire Earbuds (1 Black and 1 White), 1-Wire Earbud (Black), and a 3.5 mm Adapter to plug into any off-the-shelf headphones |
| NNTN8299_ <sup>26</sup> | Eartips for Operations Critical Wireless Earbuds                                                                                                                      |
| NNTN8316_               | Replacement Ear Tips Kit for Wireless Ear Buds                                                                                                                        |
| WADN4190_               | Over-the-Ear Receiver for Remote Speaker Microphone                                                                                                                   |
| NTN8821_                | Wireless Earpiece Maintenance Kit                                                                                                                                     |
| NTN8988_                | Ear Straps for CommPort Earpiece (for Secure Attachment to Ear), Pack of 10                                                                                           |

| Part Number             | Description                                                                |
|-------------------------|----------------------------------------------------------------------------|
| NNTN8385_ <sup>25</sup> | Wireless Neckloop Y-adapter and retention hook for Completely Discreet Kit |

**Table 22: Headsets and Headset Accessories**

| Part Number            | Description                                                                                    |
|------------------------|------------------------------------------------------------------------------------------------|
| NTN2572_ <sup>27</sup> | Earpiece 12 in. Cable                                                                          |
| NNTN8125_              | Non-Secure Wireless Headset and Push-to-Talk Device with Push-to-Talk Audio, 12 in. Cable      |
| NNTN8126_              | Non-Secure Wireless Headset and Push-to-Talk Device with Push-to-Talk Audio, 9.5 in. Cable     |
| NNTN8281_              | Wireless Headset and Push-to-Talk Device with Push-to-Talk Audio, 12 in. Cable, Argentina Plug |

<sup>26</sup> Replacement for NNTN8294\_ and NNTN8295\_

<sup>27</sup> Replacement for NNTN8125\_



| Part Number | Description                                                                                 |
|-------------|---------------------------------------------------------------------------------------------|
| NNTN8282_   | Wireless Headset and Push-to-Talk Device with Push-to-Talk Audio, 12 in. Cable, Brazil Plug |
| NNTN8283_   | Wireless Headset and Push-to-Talk Device with Push-to-Talk Audio, 9.5 in., Argentina Plug   |
| NNTN8284_   | Wireless Headset and Push-to-Talk Device with Push-to-Talk Audio, 9.5 in., Brazil Plug      |
| NNTN8285_   | Wireless Push-to-Talk Device, Argentina Plug                                                |
| NNTN8286_   | Wireless Push-to-Talk Device, Brazil Plug                                                   |
| NNTN8363_   | Wireless Push-to-Talk Device, Euro Plug                                                     |
| NNTN8364_   | Wireless Headset and Push-to-Talk Device with Push-to-Talk Audio, 12 in., Euro Plug         |
| NNTN8365_   | Wireless Headset and Push-to-Talk Device with Push-to-Talk Audio, 9.5 in., Euro Plug        |

| Part Number | Description                                                      |
|-------------|------------------------------------------------------------------|
| PMLN5102_   | Ultra-Lite Headset                                               |
| PMLN5974_   | Lightweight Headset with Boom Mic and PTT, MagOne                |
| PMLN5979_   | Breeze Headset with Boom MIC and PTT, MagOne                     |
| PMLN6463_   | Business Wireless Accessory Kit                                  |
| PMLN6852_   | Next Generation Behind-the-Head Heavy Duty Headset GCAI          |
| PMLN6853_   | Next Generation Behind-the-Head Heavy Duty Headset GCAI TIA 4950 |
| PMLN7466_   | Over-the-Head Heavy Duty Headset with GCAI                       |
| PMLN7467_   | Over-the-Head Heavy Duty Headset/TIA with GCAI                   |
| RLN6490_    | XBT Behind-the-Neck, Non-Secure Wireless Heavy Duty Headset      |
| RLN6491_    | XBT Overhead, Non-secure Wireless Heavy Duty Headset             |
| RLN6492_    | Headband for XBT Headset                                         |

| Part Number | Description                                    |
|-------------|------------------------------------------------|
| RLN6493_    | Behind-the-Neck band for XBT Headset           |
| RLN6495_    | Boom Mic for XBT Headset                       |
| RLN6496_    | Cooling Pads for XBT Headset                   |
| RLN6497_    | Hygiene Kit for XBT Headset                    |
| RLN6498_    | Universal 5 V PSU for XBT Headset              |
| RLN6502_    | MOTOTRBO Bluetooth Accessory Kit for Argentina |
| RLN6504_    | MOTOTRBO Bluetooth Accessory Kit for Brazil    |
| RMN5058_    | Lightweight Headset                            |

**Table 23: Remote Speaker Microphones**

| Part Number | Description                            |
|-------------|----------------------------------------|
| NNTN8382_   | IMPRES Remote Speaker Microphone, IP57 |

| Part Number             | Description                                                     |
|-------------------------|-----------------------------------------------------------------|
| NNTN8383_               | IMPRES Remote Speaker Microphone, with Earjack                  |
| PMMN4024_               | Remote Speaker Microphone                                       |
| PMMN4025_               | IMPRES Remote Speaker Microphone                                |
| PMMN4040_               | Remote Speaker Microphone, Submersible, IP57                    |
| PMMN4046_               | IMPRES Remote Speaker Microphone, with Volume, IP57             |
| PMMN4050_               | IMPRES Remote Speaker Microphone, with Earjack, Noise Canceling |
| PMMN4083_ <sup>28</sup> | IMPRES Remote Speaker Microphone Large, APX IP68 Delta T (GCAI) |
| PMMN4096_               | Operational Critical Wireless Remote Speaker Microphone         |
| PMMN4099_               | IMPRES IP68 Heavy Duty Remote Speaker Microphone                |

<sup>28</sup> Your radio is compatible with the accessories listed here. Contact your dealer for details.

| Part Number             | Description                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PMMN4102_               | IMPRES Noise Cancelling Remote Speaker Microphone, 3.5 mm Jack, Long Coil Cable, with Nexus Connector                 |
| PMMN4102B_G<br>RN       | IMPRES Noise Cancelling Remote Speaker Microphone, 3.5 mm Jack, Long Coil Cable, with Nexus Connector (Green Housing) |
| PMMN4113_               | IMPRES OMNI Remote Speaker Microphone, 3.5 mm Jack, Long Coil Cable, with Nexus Connector                             |
| RLN6074_                | Remote Speaker Microphone Replacement Coil Cord Kit (For Use with PMMN4024_ and PMMN4040_)                            |
| RLN6075_                | Remote Speaker Microphone Replacement Coil Cord Kit (For Use with PMMN4025_ , PMMN4046_ , PMMN4050_)                  |
| RLN6561_/<br>MDRLN6561_ | Operational Critical Wireless RSM                                                                                     |

**Table 24: Surveillance Accessories**

| Part Number | Description                                                                 |
|-------------|-----------------------------------------------------------------------------|
| NNTN8459_   | 1-Wire Surveillance Kit with Translucent Tube, Black                        |
| PMLN6123_   | IMPRES 3-Wire Surveillance with Clear, Comfortable Acoustic Tube, Black     |
| PMLN6124_   | IMPRES 3-Wire Surveillance with Clear, Comfortable Acoustic Tube, Beige     |
| PMLN6125_   | Receive Only Surveillance Kit, Black (Single Wire)                          |
| PMLN6126_   | Receive Only Surveillance Kit, Beige (Single Wire)                          |
| PMLN6127_   | IMPRES 2-Wire Surveillance Kit, Black                                       |
| PMLN6128_   | IMPRES 2-Wire Surveillance Kit, Beige                                       |
| PMLN6129_   | IMPRES 2-Wire Surveillance Kit with Clear, Comfortable Acoustic Tube, Black |

| Part Number             | Description                                                                 |
|-------------------------|-----------------------------------------------------------------------------|
| PMLN6130_               | IMPRES 2-Wire Surveillance Kit with Clear, Comfortable Acoustic Tube, Beige |
| PMLN7052_ <sup>29</sup> | Operations Critical Wireless 1-Wire Surveillance Kit with translucent tube  |
| RLN4760_                | Small Custom Earpiece for Surveillance Kits, Right Ear                      |
| RLN4761_                | Medium Custom Earpiece for Surveillance Kits, Right Ear                     |
| RLN4762_                | Large Custom Earpiece for Surveillance Kits, Right Ear                      |
| RLN4763_                | Small Custom Earpiece for Surveillance Kits, Left Ear                       |
| RLN4764_                | Medium Custom Earpiece for Surveillance Kits, Left Ear                      |
| RLN4765_                | Large Custom Earpiece for Surveillance Kits, Left Ear                       |

| Part Number | Description                                                     |
|-------------|-----------------------------------------------------------------|
| RLN6281_    | Replacement Foam Plugs, Pack of 50 (For Use with RLN5886_)      |
| RLN6282_    | Replacement Ear Tips, Clear, Pack of 50 (For Use with RLN5887_) |

**Table 25: Miscellaneous Accessories**

| Part Number | Description                                             |
|-------------|---------------------------------------------------------|
| 15012157001 | Dust Cover Assembly                                     |
| 1505596Z02  | Replacement Strap for RLN4570_ and HLN6602_ Chest Packs |
| 32012144001 | Antenna Identification Band – Grey                      |
| 32012144002 | Antenna Identification Band – Yellow                    |
| 32012144003 | Antenna Identification Band – Green                     |
| 32012144004 | Antenna Identification Band – Blue                      |

<sup>29</sup> Your radio is compatible with the accessories listed here. Contact your dealer for details.

| Part Number        | Description                                             |
|--------------------|---------------------------------------------------------|
| 32012144005        | Antenna Identification Band – Purple                    |
| 4200865599         | Belt                                                    |
| 4280384F89         | Universal RadioPAK Extension Belt                       |
| 5880348B33         | SMA To BNC Adapter, reworked                            |
| AY000267A01_<br>30 | Screen Protector, Clear (single pack contains one unit) |
| HLN6602_           | Universal Chest Pack                                    |
| HLN9985_           | Waterproof Bag, includes Large Carry Strap              |
| NTN5243_           | Shoulder Strap (Attaches to D-Ring on Carry Case)       |
| PMKN4012_          | DMR Portable Programming Cable                          |
| PMKN4013_          | Test and Alignment Cable for programming                |
| PMKN4040_          | DMR Portable Telemetry Cable                            |
| PMKN4071_          | IMPRES Portable Non PC Adapter                          |

| Part Number | Description                                                                 |
|-------------|-----------------------------------------------------------------------------|
| PMKN4126_   | TTR and Programming Cable for test alignment                                |
| PMLN6765_   | Tactical GCAI PTT/VOX Interface Module                                      |
| PMLN6767_   | Tactical Remote Body Push-to-Talk                                           |
| PMLN6827_   | Push-to-Talk Interface Module                                               |
| PMLN6830_   | Tactical Remote Ring Push-to-Talk                                           |
| PMLN6833_   | Tactical Heavy Duty Temple Transducer with Noise Cancelling Boom Microphone |
| RLN4295_    | Small Clip, Epaulet Strap                                                   |
| RLN4570_    | Break-A-Way Chest Pack                                                      |
| RLN4815_    | Universal Radio Pack and Utility Case (Fanny Pack)                          |

<sup>30</sup> Your radio is compatible with the accessories listed here. Contact your dealer for details.

# Maritime Radio Use in the VHF Frequency Range

---

## Special Channel Assignments

### Emergency Channel

If you are in imminent and grave danger at sea and require emergency assistance, use VHF Channel 16 to send a distress call to nearby vessels and the United States Coast Guard. Transmit the following information, in this order:

- 1 "MAYDAY, MAYDAY, MAYDAY."
- 2 "THIS IS \_\_\_\_\_, CALL SIGN \_\_\_\_\_." State the name of the vessel in distress 3 times, followed by the call sign or other identification of the vessel, stated 3 times.
- 3 Repeat "MAYDAY" and the name of the vessel.
- 4 "WE ARE LOCATED AT \_\_\_\_\_." State the position of the vessel in distress, using any information that will help responders to locate you, e.g.:
  - latitude and longitude

- bearing (state whether you are using true or magnetic north)
- distance to a well-known landmark
- vessel course, speed or destination

- 5 State the nature of the distress.
- 6 Specify what kind of assistance you need.
- 7 State the number of persons on board and the number needing medical attention, if any.
- 8 Mention any other information that would be helpful to responders, such as type of vessel, vessel length and/or tonnage, hull color, etc.
- 9 "OVER."
- 10 Wait for a response.
- 11 If you do not receive an immediate response, remain by the radio and repeat the transmission at intervals until you receive a response. Be prepared to follow any instructions given to you.

### Non-Commercial Call Channel

For non-commercial transmissions, such as fishing reports, rendezvous arrangements, repair scheduling, or berthing information, use **VHF Channel 9**.

## Operating Frequency Requirements

A radio designated for shipboard use must comply with Federal Communications Commission Rule Part 80 as follows:

- on ships subject to Part II of Title III of the Communications Act, the radio must be capable of operating on the 156.800 MHz frequency.
- on ships subject to the Safety Convention, the radio must be capable of operating:
  - in the simplex mode on the ship station transmitting frequencies specified in the 156.025–157.425 MHz frequency band, and
  - in the semiduplex mode on the two frequency channels specified in the table below.



### NOTICE:

Simplex channels 3, 21, 23, 61, 64, 81, 82, and 83 cannot be lawfully used by the general public in US waters.

Additional information about operating requirements in the Maritime Services can be obtained from the full text of FCC Rule Part 80 and from the US Coast Guard.

Table 26: VHF Marine Channel List

| Channel Number | Frequency (MHz) |         |
|----------------|-----------------|---------|
|                | Transmit        | Receive |
| 1              | 156.050         | 160.650 |
| 2              | 156.100         | 160.700 |
| *              | 156.150         | 160.750 |
| 4              | 156.200         | 160.800 |
| 5              | 156.250         | 160.850 |
| 6              | 156.300         | –       |
| 7              | 156.350         | 160.950 |
| 8              | 156.400         | –       |
| 9              | 156.450         | 156.450 |
| 10             | 156.500         | 156.500 |
| 11             | 156.550         | 156.550 |
| 12             | 156.600         | 156.600 |
| 13**           | 156.650         | 156.650 |
| 14             | 156.700         | 156.700 |
| 15**           | 156.750         | 156.750 |

|      |         |         |
|------|---------|---------|
| 16   | 156.800 | 156.800 |
| 17** | 156.850 | 156.850 |
| 18   | 156.900 | 161.500 |
| 19   | 156.950 | 161.550 |
| 20   | 157.000 | 161.600 |
| *    | 157.050 | 161.650 |
| 22   | 157.100 | 161.700 |
| *    | 157.150 | 161.750 |
| 24   | 157.200 | 161.800 |
| 25   | 157.250 | 161.850 |
| 26   | 157.300 | 161.900 |
| 27   | 157.350 | 161.950 |
| 28   | 157.400 | 162.000 |
| 60   | 156.025 | 160.625 |
| *    | 156.075 | 160.675 |
| 62   | 156.125 | 160.725 |
| 63   | 156.175 | 160.775 |
| *    | 156.225 | 160.825 |

|      |         |         |
|------|---------|---------|
| 65   | 156.275 | 160.875 |
| 66   | 156.325 | 160.925 |
| 67** | 156.375 | 156.375 |
| 68   | 156.425 | 156.425 |
| 69   | 156.475 | 156.475 |
| 71   | 156.575 | 156.575 |
| 72   | 156.625 | —       |
| 73   | 156.675 | 156.675 |
| 74   | 156.725 | 156.725 |
| 75   | ***     | ***     |
| 76   | ***     | ***     |
| 77** | 156.875 | —       |
| 78   | 156.925 | 161.525 |
| 79   | 156.975 | 161.575 |
| 80   | 157.025 | 161.625 |
| *    | 157.075 | 161.675 |
| *    | 157.125 | 161.725 |
| *    | 157.175 | 161.775 |



|    |         |         |
|----|---------|---------|
| 84 | 157.225 | 161.825 |
| 85 | 157.275 | 161.875 |
| 86 | 157.325 | 161.925 |
| 87 | 157.375 | 161.975 |
| 88 | 157.425 | 162.025 |

**NOTICE:**

\* Simplex channels 3, 21, 23, 61, 64, 81, 82, and 83 cannot be **lawfully used** by the general public in US waters.

\*\* Low power (1 W) only.

\*\*\* Guard band.

**NOTICE:**

A – in the Receive column indicates that the channel is transmit only.

## Declaration of Compliance for the Use of Distress and Safety Frequencies

The radio equipment does not employ a modulation other than the internationally adopted modulation for maritime

use when it operates on the distress and safety frequencies specified in RSS-182 Section 7.3.

## Technical Parameters for Interfacing External Data Sources

**Table 27: Technical Parameters for Interfacing External Data Sources**

|                                    | RS232    | USB     | SB9600   |
|------------------------------------|----------|---------|----------|
| Input Voltage (Volts Peak-to-peak) | 18 V     | 3.6 V   | 5 V      |
| Max Data Rate                      | 28 kb/s  | 12 Mb/s | 9.6 kb/s |
| Impedance                          | 5000 ohm | 90 ohm  | 120 ohm  |

# Batteries and Chargers Warranty

## The Workmanship Warranty

The workmanship warranty guarantees against defects in workmanship under normal use and service.

|                                                           |           |
|-----------------------------------------------------------|-----------|
| All MOTOTRBO Batteries                                    | 24 Months |
| IMPRES Chargers (Single-Unit and Multi-Unit, Non-Display) | 24 Months |
| IMPRES Chargers (Multi-Unit with Display)                 | 12 Months |

## The Capacity Warranty

The capacity warranty guarantees 80% of the rated capacity for the warranty duration.

|                                                               |           |
|---------------------------------------------------------------|-----------|
| Nickel Metal-Hydride (NiMH) or Lithium-Ion (Li-Ion) Batteries | 12 Months |
| IMPRES Batteries, When Used Exclusively with IMPRES Chargers  | 18 Months |

# Limited Warranty

## MOTOROLA SOLUTIONS COMMUNICATION PRODUCTS

### I. WHAT THIS WARRANTY COVERS AND FOR HOW LONG:

Motorola Solutions, Inc. ("Motorola Solutions") warrants the Motorola Solutions manufactured Communication Products listed below ("Product") against defects in material and workmanship under normal use and service for a period of time from the date of purchase as scheduled below:

|                                                                |                 |
|----------------------------------------------------------------|-----------------|
| Portable Radios                                                | Three (3) Years |
| Product Accessories (Ex-<br>cluding Batteries and<br>Chargers) | One (1) Year    |

Motorola Solutions, at its option, will at no charge either repair the Product (with new or reconditioned parts), replace it (with a new or reconditioned Product), or refund the purchase price of the Product during the warranty

period provided it is returned in accordance with the terms of this warranty. Replaced parts or boards are warranted for the balance of the original applicable warranty period. All replaced parts of Product shall become the property of Motorola Solutions.

This express limited warranty is extended by Motorola Solutions to the original end user purchaser only and is not assignable or transferable to any other party. This is the complete warranty for the Product manufactured by Motorola Solutions. Motorola Solutions assumes no obligations or liability for additions or modifications to this warranty unless made in writing and signed by an officer of Motorola Solutions.

Unless made in a separate agreement between Motorola Solutions and the original end user purchaser, Motorola Solutions does not warrant the installation, maintenance or service of the Product.

Motorola Solutions cannot be responsible in any way for any ancillary equipment not furnished by Motorola Solutions which is attached to or used in connection with the Product, or for operation of the Product with any ancillary equipment, and all such equipment is expressly excluded from this warranty. Because each system which may use the Product is unique, Motorola Solutions

disclaims liability for range, coverage, or operation of the system as a whole under this warranty.

## II. GENERAL PROVISIONS

This warranty sets forth the full extent of Motorola Solutions responsibilities regarding the Product. Repair, replacement or refund of the purchase price, at Motorola Solutions option, is the exclusive remedy. THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHER EXPRESS WARRANTIES. IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. IN NO EVENT SHALL MOTOROLA SOLUTIONS BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, FOR ANY LOSS OF USE, LOSS OF TIME, INCONVENIENCE, COMMERCIAL LOSS, LOST PROFITS OR SAVINGS OR OTHER INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE SUCH PRODUCT, TO THE FULL EXTENT SUCH MAY BE DISCLAIMED BY LAW.

## III. STATE LAW RIGHTS:

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION OR EXCLUSIONS MAY NOT APPLY.

This warranty gives specific legal rights, and there may be other rights which may vary from state to state.

## IV. HOW TO GET WARRANTY SERVICE

You must provide proof of purchase (bearing the date of purchase and Product item serial number) in order to receive warranty service and, also, deliver or send the Product item, transportation and insurance prepaid, to an authorized warranty service location. Warranty service will be provided by Motorola Solutions through one of its authorized warranty service locations. If you first contact the company which sold you the Product (for example, dealer or communication service provider), it can facilitate your obtaining warranty service. You can also call Motorola Solutions at 1-800-927-2744.

## V. WHAT THIS WARRANTY DOES NOT COVER

- 1 Defects or damage resulting from use of the Product in other than its normal and customary manner.
- 2 Defects or damage from misuse, accident, water, or neglect.
- 3 Defects or damage from improper testing, operation, maintenance, installation, alteration, modification, or adjustment.
- 4 Breakage or damage to antennas unless caused directly by defects in material workmanship.
- 5 A Product subjected to unauthorized Product modifications, disassembles or repairs (including, without limitation, the addition to the Product of non-Motorola Solutions supplied equipment) which adversely affect performance of the Product or interfere with Motorola Solutions normal warranty inspection and testing of the Product to verify any warranty claim.
- 6 Product which has had the serial number removed or made illegible.
- 7 Rechargeable batteries if:
  - any of the seals on the battery enclosure of cells are broken or show evidence of tampering.
  - the damage or defect is caused by charging or using the battery in equipment or service other than the Product for which it is specified.
- 8 Freight costs to the repair depot.
- 9 A Product which, due to illegal or unauthorized alteration of the software/firmware in the Product, does not function in accordance with Motorola Solutions published specifications or the FCC certification labeling in effect for the Product at the time the Product was initially distributed from Motorola Solutions.
- 10 Scratches or other cosmetic damage to Product surfaces that does not affect the operation of the Product.
- 11 Normal and customary wear and tear.

## VI. PATENT AND SOFTWARE PROVISIONS

Motorola Solutions will defend, at its own expense, any suit brought against the end user purchaser to the extent that it is based on a claim that the Product or parts infringe a United States patent, and Motorola Solutions will pay those

costs and damages finally awarded against the end user purchaser in any such suit which are attributable to any such claim, but such defense and payments are conditioned on the following:

- 1 Motorola Solutions will be notified promptly in writing by such purchaser of any notice of such claim,
- 2 Motorola Solutions will have sole control of the defense of such suit and all negotiations for its settlement or compromise, and
- 3 Should the Product or parts become, or in Motorola Solutions opinion be likely to become, the subject of a claim of infringement of a United States patent, that such purchaser will permit Motorola Solutions, at its option and expense, either to procure for such purchaser the right to continue using the Product or parts or to replace or modify the same so that it becomes non-infringing or to grant such purchaser a credit for the Product or parts as depreciated and accept its return. The depreciation will be an equal amount per year over the lifetime of the Product or parts as established by Motorola Solutions.

Motorola Solutions will have no liability with respect to any claim of patent infringement which is based upon the combination of the Product or parts furnished hereunder with software, apparatus or devices not furnished by

Motorola Solutions, nor will Motorola Solutions have any liability for the use of ancillary equipment or software not furnished by Motorola Solutions which is attached to or used in connection with the Product. The foregoing states the entire liability of Motorola Solutions with respect to infringement of patents by the Product or any parts thereof.

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## VII. GOVERNING LAW

This Warranty is governed by the laws of the State of Illinois, U.S.A.

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# Declaración de conformidad del distribuidor

## Declaración de conformidad del distribuidor

Conforme a FCC, CFR 47, parte 2, sección 2.1077(a)



Parte responsable

Nombre: Motorola Solutions, Inc.

Dirección: 2000 Progress Pkwy, Schaumburg, IL. 60196

Número de teléfono: 1-800-927-2744

Por la presente, declara que el producto:

Nombre del modelo: **DGP 5550/DGP 8550/DGP 5550e/DGP 8550e**

cumple con las siguientes normativas:

FCC Parte 15, subparte B, sección 15.107(a), 15.107(d) y sección 15.109(a)

### Dispositivo digital de clase B

Como dispositivo informático periférico, este producto cumple con la parte 15 de las normas de la Comisión Federal de Comunicaciones (FCC). El funcionamiento está sujeto a las siguientes dos condiciones:

- 1 Este dispositivo puede no provocar interferencia nociva.
- 2 Este dispositivo debe aceptar toda interferencia recibida, incluida aquella interferencia que pudiera causar un funcionamiento no deseado.

**AVISO:**

Este equipo ha sido probado y se ha corroborado que respeta los límites estipulados para dispositivos digitales de la Clase B, conforme a lo dispuesto en la sección 15 de las normas de la FCC. Estos límites están diseñados para ofrecer una protección razonable contra interferencias nocivas en una instalación residencial. Este equipo genera, utiliza y puede emitir energía de radiofrecuencia, y, si no se instala ni se utiliza según las instrucciones, puede causar interferencia nociva en las comunicaciones por radio. No obstante, no existe garantía de que no se produzca interferencia en una instalación específica.

En caso de que este equipo cause interferencia nociva en la recepción radial o televisiva, lo que se puede determinar al encender o apagar el equipo, se recomienda intentar solucionar tal interferencia a través de una o varias de las medidas que se presentan a continuación:

- Cambie la orientación o la ubicación de la antena receptora.
- Aumente la distancia entre el equipo y el receptor.
- Conecte el equipo a un tomacorriente que esté en un circuito distinto del circuito al que se encuentra conectado el receptor.
- Comuníquese con el distribuidor o con un técnico capacitado en radio o televisión para obtener ayuda.

Para la selección de uso de código de país (dispositivos WLAN)



**AVISO:**

La selección del código de país solo es para modelos que no sean estadounidenses y no está disponible para todos los modelos de EE. UU. Conforme a la normativa de la FCC, todos los productos Wi-Fi comercializados en EE. UU. deben limitarse solo a la operación en canales estadounidenses.

## Información importante de seguridad

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### Guía sobre la seguridad del producto y la exposición a energía de radiofrecuencia de los radios portátiles de dos vías



**PRECAUCIÓN:**

**Este radio está restringido únicamente para uso profesional.** Antes de utilizar el radio, lea la Guía sobre la seguridad del producto y la exposición a energía de radiofrecuencia de los radios portátiles de dos vías, que contiene importantes instrucciones de funcionamiento para el uso seguro y el conocimiento y control de la energía de radiofrecuencia (RF), con el fin de cumplir con las normas y regulaciones correspondientes.

## Versión de software

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Todas las funciones descritas en las siguientes secciones son compatibles con la versión de software

**R02.21.01.0000** o posterior.

Consulte [Verificación de las versiones de firmware y codeplug en la página 264](#) para determinar la versión de software del radio.

Comuníquese con su proveedor o administrador para solicitar más información.



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### Contenido de código abierto

Este producto contiene un software de código abierto utilizado bajo licencia. Consulte los medios de instalación

del producto para obtener el contenido completo de Atribución y Avisos legales de código abierto.

## **Directiva de Residuos de Aparatos Eléctricos y Electrónicos (RAEE) de la Unión Europea (UE)**



■ La Directiva de RAEE de la Unión Europea requiere que los productos que se venden en los países de la UE tengan la etiqueta de un bote de residuos tachado sobre el producto (o en el paquete en algunos casos).

Como define la directiva WEEE, esta etiqueta con un bote de basura tachado indica que los clientes y los usuarios finales en los países de la UE no deben deshacerse de los equipos o accesorios eléctricos y electrónicos con la basura doméstica.

Los clientes o los usuarios finales en los países de la UE deben comunicarse con un representante distribuidor de equipos o el centro de servicio locales para obtener información sobre el sistema de recolección de residuos de su país.

## Derechos de autor de software informático

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Patentes de los EE. UU. Números: 5.870.405; 5.826.222; 5.754.974; 5.701.390; 5.715.365; 5.649.050; 5.630.011; 5.581.656; 5.517.511; 5.491.772; 5.247.579; 5.226.084 y 5.195.166.

## Cuidado del radio

En esta sección, se describen las precauciones básicas de manejo del radio.

**Tabla 1 :Especificación IP**

| Especificación IP | Descripción                                                                               |
|-------------------|-------------------------------------------------------------------------------------------|
| IP67              | Permite que el radio resista condiciones adversas en el campo, como la inmersión en agua. |



### PRECAUCIÓN:

No desarme el radio. Esto podría dañar los sellados y producir puntos de fuga en el radio. Las tareas de mantenimiento del radio solo deben realizarse en un taller de reparación que esté equipado para comprobar el sellado del radio y reemplazarlo, si fuera necesario.

- Si el radio se sumergió en agua, sacúdalo bien a fin de eliminar el agua que puede haber quedado dentro de la rejilla del altavoz y el puerto del micrófono. Si queda

agua en el interior, el rendimiento del audio podría disminuir.

- Si el área de contacto de la batería del radio quedó expuesta al agua, limpie y seque los contactos del radio y de la batería antes de conectar la batería al radio. El agua podría provocar un cortocircuito en el radio.
- Si sumergió el radio en una sustancia corrosiva (por ejemplo, agua salada), enjuague el radio y la batería en agua dulce y, a continuación, séquelos.
- Para limpiar las superficies exteriores del radio, use una solución diluida de detergente lavavajillas suave y agua dulce (por ejemplo, una cucharadita de detergente en 4 litros [1 galón] de agua).
- No introduzca objetos punzantes en la ventilación (el orificio) del chasis del radio, debajo del contacto de la batería. Esta ventilación permite igualar la presión del radio. Si lo hace, es posible que se cree una trayectoria de fuga en el radio y se puede perder su capacidad de sumersión.
- No obstruya ni cubra la ventilación, ni siquiera con etiquetas.
- Compruebe que no haya sustancias aceitosas en contacto con la ventilación.

- El radio con la antena debidamente conectada se diseñó para sumergirse a una profundidad máxima de 1 m (3,28 pies) durante un tiempo máximo de 30 minutos. Si se excede el límite máximo o no se usa con la antena, es posible que se produzcan daños en el radio.
- Cuando limpie el radio, no use chorros a alta presión, ya que esto excedería la presión correspondiente a 1 m de profundidad y puede provocar la filtración del agua en el interior del radio.

# Introducción

En esta guía del usuario se explica el funcionamiento de los radios.

Es posible que el distribuidor o administrador del sistema haya personalizado el radio para que se adapte a sus necesidades específicas. Para obtener más información, consulte a su proveedor o administrador del sistema.

Puede consultar al distribuidor o administrador del sistema lo siguiente:

- ¿El radio está programado con canales convencionales preestablecidos?
- ¿Qué botones se programaron para acceder a otras funciones?
- ¿Qué accesorios opcionales pueden resultar útiles en su caso?
- ¿Cuáles son las mejores prácticas de uso del radio para una comunicación eficaz?
- ¿Qué procedimientos de mantenimiento ayudan a prolongar la vida útil del radio?

## 1.1

## Información sobre íconos

En esta publicación, los íconos descritos se emplean para indicar las funciones compatibles en el modo digital convencional o analógico convencional.



Indica una función en **modo solo analógico** convencional.



Indica una función en **modo solo digital** convencional.

Para las funciones disponibles en **ambos** modos, analógico y digital convencionales, **no** se muestran íconos.

## 1.2

## Modos analógico y digital convencionales

Cada canal del radio puede configurarse como un canal analógico convencional o un canal digital convencional.

### 1: Perilla de selección de canales

Algunas de las funciones no estarán disponibles al cambiar del modo digital al analógico. Los íconos que indican funciones digitales aparecen en “color gris”. Las funciones desactivadas están ocultas en el menú.

Además, el radio tiene funciones disponibles, tanto en modo analógico como digital. Las pequeñas diferencias de funcionamiento entre las funciones **no** afectan el rendimiento del radio.

**AVISO:**

Además, el radio alterna entre el modo analógico y digital durante un rastreo de modo doble. Consulte [Rastreo en la página 523](#) para obtener más información.

### 1.3

## IP Site Connect

Esta función permite al radio ampliar la comunicación convencional más allá del alcance de un sitio único mediante la conexión a diferentes sitios disponibles mediante una red de protocolo de Internet (IP). Se trata de un modo de varios sitios convencional.

Cuando el radio se desplaza fuera del rango de un sitio e ingresa en el rango de otro, se conecta con el repetidor del nuevo sitio para enviar o recibir llamadas o transmisiones

de datos. Esto se puede realizar manualmente o automáticamente, según los valores definidos.

En una búsqueda de sitios automática, el radio rastrea todos los sitios disponibles cuando la señal del sitio actual es débil o cuando el radio no puede detectar ninguna señal del sitio actual. A continuación, el radio se conecta al repetidor con el valor más fuerte del indicador de intensidad de la señal recibida (RSSI).

En una búsqueda de sitios manual, el radio busca, en la lista de roaming, el siguiente sitio que esté actualmente dentro del alcance, pero que es posible que no tenga la señal más fuerte, y se ajusta al repetidor.

**AVISO:**

Cada canal solo puede tener activada la opción de rastreo o de roaming, pero no ambas al mismo tiempo.

Los canales que tengan esta función activada pueden agregarse a una lista de roaming en particular. El radio busca los canales en la lista de roaming durante el funcionamiento automático de roaming para encontrar el

mejor sitio. Se permite un máximo de 16 canales en una lista de roaming (incluido el canal seleccionado).



#### **AVISO:**

No es posible agregar ni eliminar manualmente una entrada en la lista de roaming. Comuníquese con un distribuidor para solicitar más información.

### 1.4

## Capacity Plus

Capacity Plus es un sistema troncalizado de nivel de entrada para uno o varios sitios. La troncalización dinámica de sitio único o varios sitios aumenta la capacidad y la cobertura.

### 1.4.1

## Capacity Plus–Sitio único

Capacity Plus–Sitio único es una configuración de troncalización de un sitio del sistema de radio MOTOTRBO, que emplea un conjunto de canales para admitir a cientos de usuarios y hasta 254 grupos. Esta función permite que el radio utilice de manera eficiente el número disponible de canales programados mientras se encuentre en el modo repetidor.

Oirá un tono indicador negativo si intenta acceder a una función no aplicable a Capacity Plus – Sitio único mediante la presión de un botón programable.

El radio también dispone de funciones que están disponibles en IP Site Connect de modo digital convencional y Capacity Plus. Sin embargo, las pequeñas diferencias de funcionamiento entre las funciones no afectan el rendimiento del radio.

Para obtener más información sobre esta configuración, consulte al distribuidor o al administrador del sistema.

### 1.4.2

## Capacity Plus–Multisitio

Capacity Plus–Multisitio es una configuración de troncalización de multi-canal del sistema de radio MOTOTRBO, que combina lo mejor de las configuraciones de Capacity Plus e IP Site Connect.

Capacity Plus–Multisitio permite que el radio amplíe la comunicación de troncalización más allá del alcance de un único sitio mediante la conexión a varios sitios disponibles que se conectan entre sí a través de una red IP. Además, ofrece un aumento de la capacidad mediante el uso de manera eficaz la cantidad combinada disponible de



canales programados que se admiten en cada uno de los sitios disponibles.

Cuando el radio se desplaza fuera del rango de un sitio e ingresa dentro del rango de otro, se conecta con el repetidor del nuevo sitio para enviar o recibir llamadas o transmisiones de datos. Según la configuración que establezca, esto se realizará de manera automática o manual.

Si el radio está configurado para hacerlo automáticamente, rastrea todos los sitios disponibles cuando la señal del sitio actual es débil o cuando el radio no puede detectar ninguna señal del sitio actual. Luego se conecta al repetidor con el valor más alto de RSSI.

En una búsqueda de sitio manual, el radio busca, en la lista de roam, el siguiente sitio que esté actualmente dentro del rango (pero que es posible que no tenga la señal más fuerte) y se conecta a él.

Se puede agregar cualquier canal compatible con Capacity Plus–Multisitio a una lista de itinerancia específica. El radio busca los canales durante la operación automática de itinerancia para encontrar el mejor sitio.



### **AVISO:**

No es posible agregar ni eliminar manualmente una entrada en la lista de roam. Para obtener más información, consulte a su proveedor o administrador del sistema.

De manera similar a lo que sucede en Capacity Plus–Sitio único, los íconos de las funciones que no se aplican a Capacity Plus–Multisitio no se encuentran disponibles en el menú. Oirá un tono indicador negativo si intenta acceder a una función que no se aplica a Capacity Plus – Multisitio al presionar un botón programable.

# Guía de introducción

En la Guía de introducción, se brindan instrucciones a fin de preparar el radio para su uso.

## 2.1

### Carga de la batería

El radio funciona mediante una batería de níquel e hidruro metálico (NiMH) o de iones de litio (Li-ion).

Apague el radio cuando desee cargarlo.

- Con el fin de cumplir con los términos de la garantía y evitar daños, cargue la batería con un cargador autorizado de Motorola Solutions según se describe en la guía del usuario del cargador.
- Cargue las baterías nuevas de 14 a 16 horas antes del primer uso, para obtener un mejor rendimiento.  
Las baterías se cargan mejor a temperatura ambiente.
- Cargue la batería IMPRES™ con un cargador IMPRES para optimizar la vida útil de la batería y obtener datos importantes de la batería. Las baterías IMPRES que se cargan exclusivamente con

cargadores IMPRES reciben una extensión de 6 meses de la garantía de capacidad con respecto a la garantía de duración estándar de las baterías Motorola Solutions Premium.

## 2.2

### Colocación de la batería

Siga el procedimiento para conectar la batería al radio.

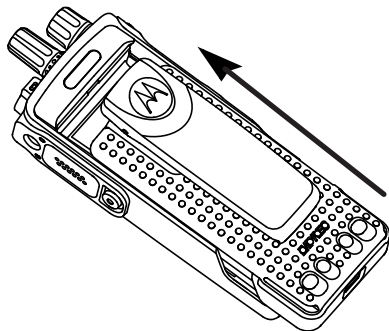
Esta función de alerta de incompatibilidad de la batería solo se aplica a las baterías IMPRES y que no son IMPRES que cuentan con un número de kit programado en la memoria de solo lectura programable y borrrable (EPROM).

Cuando se coloca una batería incorrecta en el radio, suena un tono grave de advertencia, el LED parpadea en color rojo, en la pantalla aparece el mensaje *Batería incorrecta*, y el anuncio de voz/texto a voz indica que la batería no es correcta si el anuncio de voz/texto a voz se cargó mediante el CPS.

Cuando se coloca una batería no compatible en el radio, suena un tono de alerta, en la pantalla aparece el mensaje *Batería desconocida* y el ícono de la batería se desactiva.

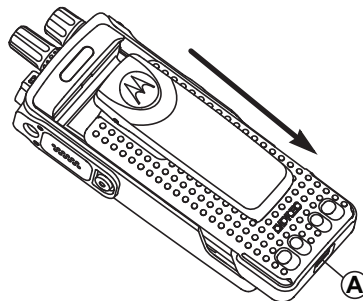
El certificado del radio se anula si coloca una batería UL en un radio aprobado por FM o viceversa. El radio se puede preprogramar en el CPS para que lo notifique en caso de incompatibilidad de la batería. Consulte al distribuidor o administrador del sistema para determinar de qué manera se programó el radio.

- 1 Alinee la batería con los rieles de la parte posterior del radio.
- 2 Presione la batería con firmeza y deslícela hacia arriba hasta que encaje el seguro.



- 3 Deslice el seguro de la batería a la posición de bloqueo.

- 4 Para retirar la batería, apague el radio. Mueva el seguro de la batería con la marca **A** a la posición de desbloqueo y manténgalo allí, mientras desliza la batería para retirarla de los rieles.



### 2.3

## Conexión de la antena

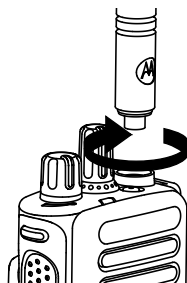
Apague el radio.

Coloque la antena en el receptáculo y gírela hacia la derecha.



**AVISO:**

Para protegerla mejor contra el agua y el polvo, asegúrese de que la antena esté bien fijada.



**AVISO:**

Para quitar la antena, gírela hacia la izquierda.



**PRECAUCIÓN:**

Para evitar daños, sustituya la antena defectuosa solo con antenas MOTOTRBO.

## Colocación de la funda de transporte

- 1 Haga coincidir los rieles de la funda de transporte con las ranuras de la batería.
- 2 Presione hacia abajo hasta que se escuche un clic.

### 2.5

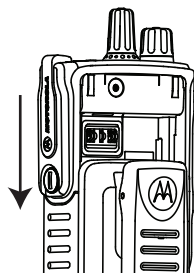
## Colocación de la cubierta del conector universal

El conector universal está ubicado en la parte lateral de la antena del radio. Se utiliza para conectar accesorios MOTOTRBO al radio.

Vuelva a colocar la cubierta del conector universal o la cubierta contra polvo cuando el conector universal no esté en uso.

- 1 Inserte el extremo sesgado de la cubierta en las ranuras ubicadas sobre el conector universal.

- 2 Presione hacia abajo la cubierta para ajustar correctamente la cubierta antipolvo en el conector universal.



- 3 Fije la cubierta del conector al radio girando el tornillo de apriete en el sentido de las agujas del reloj.

## 2.6

### Limpieza de la cubierta del conector universal

Si el radio se expone al agua, seque el conector universal antes de conectar un accesorio o reemplazar la cubierta antipolvo. Si el radio se expone a agua salada o sustancias

contaminantes, realice los siguientes procedimiento de limpieza.

- 1 Mezcle una cucharada de detergente neutro con 3,78 litros (1 galón) de agua para producir una solución al 0,5 por ciento.
- 2 Utilice la solución para limpiar únicamente las superficies externas del radio. Aplique la solución en pequeñas cantidades con un cepillo rígido, no metálico y de cerda corta.
- 3 Seque cuidadosamente el radio con un paño seco que no genere pelusa. Asegúrese de que la superficie de contacto del conector universal esté limpia y seca.
- 4 Aplique limpiador Deoxit Gold o lubricante Pen (fabricante: CAIG Labs, número de pieza: G100P) en la superficie de contacto del conector universal.

- 5 Conecte un accesorio al conector universal para probar la conectividad.

**AVISO:**

No sumerja el radio en agua. Asegúrese de que el exceso de detergente no quede acumulado en el conector universal, los controles o las hendiduras.

Limpie el radio una vez al mes como mantenimiento. En entornos con condiciones ambientales adversas, como en plantas petroquímicas o entornos con mucha sal marina, limpie el radio con mayor frecuencia.

## 2.7

## Extracción de la cubierta del conector universal (cubierta antipolvo)

- 1 Presione el seguro hacia abajo.
- 2 Levante la cubierta y deslice la cubierta antipolvo hacia abajo desde el conector universal para sacarla.

Vuelva a colocar la cubierta antipolvo cuando el conector universal no esté en uso.

## 2.8

## Encendido del radio

Gire la **perilla de control de encendido/apagado/volumen** hacia la derecha hasta que escuche un clic.

Si esto se hace correctamente, en el radio se mostrarán las siguientes indicaciones:

- Se emite un tono.

**AVISO:**

Si la función Tonos/alertas está desactivada, no hay tono después del encendido.

- El LED se enciende en color verde.
- La pantalla muestra MOTOTRBO <TM>, seguido de un mensaje o imagen de bienvenida.

- La pantalla de inicio se ilumina.



### AVISO:

Durante el primer encendido después de una actualización de la versión de software a **R02.07.00.0000** o posterior, se produce una actualización de firmware de GNSS durante 20 segundos. Después de la actualización, el radio se restablece y se enciende. La actualización del firmware solo se aplica a los modelos portátiles con la última versión de software y hardware.

Si el radio no se enciende, compruebe el estado de la batería. Asegúrese de que la batería esté cargada y conectada correctamente. Comuníquese con su distribuidor si el radio sigue sin encender.

## 2.9

# Apagado del radio

Gire la **perilla de control de encendido/apagado/volumen** hacia la izquierda hasta que escuche un clic.

La pantalla muestra Apagando.

## 2.10

## 58

# Ajuste del volumen

Para ajustar el volumen del radio, realice una de las siguientes acciones:

- Para aumentar el volumen, gire la **perilla de control de encendido/apagado/volumen** hacia la derecha.
- Para bajar el volumen, gire la **perilla de control de encendido/apagado/volumen** hacia la izquierda.

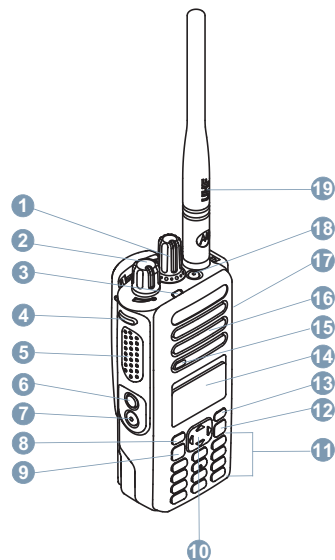


### AVISO:

El radio puede programarse para tener una calibración de volumen mínima cuando el nivel de volumen no puede bajarse más allá del volumen mínimo programado.

## Controles del radio

En este capítulo se explican los botones y las funciones para controlar el radio.



**1** Perilla de selección de canales

**2** Perilla de control de encendido/apagado/volumen

**3** Indicador LED

**4** Botón lateral 1<sup>1</sup>

**5** Botón Push-to-Talk (PTT)

**6** Botón lateral 2<sup>1</sup>

**7** Botón lateral 3<sup>1</sup>

**8** Botón frontal P1<sup>1</sup>

**9** Botón Menú/Aceptar

**10** Botón de navegación de cuatro direcciones

**11** Teclado

**12** Botón Atrás/Inicio

**13** Botón frontal P2<sup>1</sup>

**14** Pantalla

**15** Micrófono

**16** Altavoz

**17** Conector universal para accesorios

**18** Botón de emergencia<sup>1</sup>

<sup>1</sup> Estos botones se pueden programar.



19 Antena

3.1

Uso del botón de navegación de cuatro direcciones

Puede usar el botón de navegación de cuatro direcciones,



, para desplazarse por las opciones, aumentar/disminuir los valores y desplazarse en dirección vertical.

| Categoría    | Direction                                                                                                                                                             |                                                                                                                                                                       |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |  o  |  o  |
| Menú         | Navegación vertical                                                                                                                                                   | -                                                                                                                                                                     |
| Listas       | Navegación vertical                                                                                                                                                   | -                                                                                                                                                                     |
| Ver detalles | Navegación vertical                                                                                                                                                   | Elemento anterior/siguiente                                                                                                                                           |

Puede usar el botón de navegación de cuatro direcciones,



, como un número, un alias o un editor de texto con formato libre.

| Categoría de editor     | Direction                                                                                                                                                                 |                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         |  o  |  o  |
| Number                  | -                                                                                                                                                                         | Izquierda:<br>Elimina el último dígito<br>Derecha: -                                                                                                                      |
| Alias                   | -                                                                                                                                                                         | -                                                                                                                                                                         |
| Texto con formato libre | Mueve el cursor arriba/abajo                                                                                                                                              | Mueve el cursor un carácter a la izquierda/derecha                                                                                                                        |
| Valores numéricos       | Aumento/disminución                                                                                                                                                       | Mueve el cursor un carácter a la izquierda/derecha                                                                                                                        |

## 3.2

## Uso del teclado

Puede utilizar el teclado alfanumérico 3 x 4 para acceder a las funciones del radio. Muchos caracteres requieren que presione una tecla varias veces. En las siguientes tablas se muestra la cantidad de veces que una tecla se debe presionar para generar el carácter requerido.

| Clave        | Cantidad de veces que se presiona una tecla |   |   |   |   |   |   |   |   |    |    |    |    |
|--------------|---------------------------------------------|---|---|---|---|---|---|---|---|----|----|----|----|
|              | 1                                           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| <b>1</b> ,.? | 1                                           | . | , | ? | ! | @ | & | ' | % | —  | :  | *  | #  |
| <b>2</b> ABC | A                                           | B | C | 2 |   |   |   |   |   |    |    |    |    |
| <b>2</b> ABC |                                             |   |   |   |   |   |   |   |   |    |    |    |    |
| <b>3</b> DEF | D                                           | E | F | 3 |   |   |   |   |   |    |    |    |    |
| <b>3</b> DEF |                                             |   |   |   |   |   |   |   |   |    |    |    |    |

| Clave  | Cantidad de veces que se presiona una tecla |   |   |   |   |   |   |   |   |    |    |    |    |
|--------|---------------------------------------------|---|---|---|---|---|---|---|---|----|----|----|----|
|        | 1                                           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 4 GHI  | G                                           | H | I | 4 |   |   |   |   |   |    |    |    |    |
| 4 GHI  |                                             |   |   |   |   |   |   |   |   |    |    |    |    |
| 5 JKL  | J                                           | K | L | 5 |   |   |   |   |   |    |    |    |    |
| 5 JKL  |                                             |   |   |   |   |   |   |   |   |    |    |    |    |
| 6 MNO  | M                                           | N | O | 6 |   |   |   |   |   |    |    |    |    |
| 6 MNO  |                                             |   |   |   |   |   |   |   |   |    |    |    |    |
| 7 PQRS | P                                           | Q | R | S | 7 |   |   |   |   |    |    |    |    |
| 7 PQRS |                                             |   |   |   |   |   |   |   |   |    |    |    |    |

| Clave                                                                                                                                                                  | Cantidad de veces que se presiona una tecla |                                                                                                                                                                                                                                                                                |   |   |   |   |   |   |   |    |    |    |    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|----|----|----|----|
|                                                                                                                                                                        | 1                                           | 2                                                                                                                                                                                                                                                                              | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| <br> | T                                           | U                                                                                                                                                                                                                                                                              | V | 8 |   |   |   |   |   |    |    |    |    |
| <br> | W                                           | X                                                                                                                                                                                                                                                                              | Y | Z | 9 |   |   |   |   |    |    |    |    |
| <br> | 0                                           |  <b>AVISO:</b><br>Presione para ingresar “0” y presione de manera prolongada para activar el bloqueo de mayúsculas. Al realizar otra presión larga apagará la tecla de bloqueo de mayúsculas. |   |   |   |   |   |   |   |    |    |    |    |
|                                                                                       | * o<br>supr                                 |  <b>AVISO:</b><br>Presione durante el ingreso del texto para eliminar el carácter. Presione durante la entrada numérica para ingresar un “*”.                                                 |   |   |   |   |   |   |   |    |    |    |    |

| Clave                                                                                                                                                                                                                                                                                          | Cantidad de veces que se presiona una tecla |   |   |   |   |   |   |   |   |    |    |    |    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---|---|---|---|---|---|---|---|----|----|----|----|
|                                                                                                                                                                                                                                                                                                | 1                                           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
|  # o<br>espacio                                                                                                                                                                                               |                                             |   |   |   |   |   |   |   |   |    |    |    |    |
|  <b>AVISO:</b><br>Presione durante el ingreso de texto para insertar un espacio. Presiónela durante la entrada numérica para ingresar un “#”. Mantenga presionado para cambiar el método de entrada de texto. |                                             |   |   |   |   |   |   |   |   |    |    |    |    |

## WAVE

El Entorno de voz de área ancha (WAVE™) proporciona un nuevo método para realizar llamadas entre dos o más radios.

WAVE le permite comunicarse a través de diferentes redes y dispositivos mediante una conexión Wi-Fi. Las llamadas de WAVE se realizan cuando el radio está conectado a una red IP a través de Wi-Fi.

El radio admite diferentes configuraciones de sistema:

- WAVE OnCloud/OnPremise
- WAVE Tactical/5000

El método para iniciar una llamada WAVE es diferente en cada tipo de sistema. Consulte la sección correspondiente según la configuración del sistema del radio.

### Tabla 2 :Íconos de pantalla de WAVE

Los siguientes íconos aparecen momentáneamente en la pantalla cuando WAVE está activado.



**WAVE conectado**  
WAVE está conectado.



**WAVE desconectado**  
WAVE está desconectado.



#### AVISO:

Esta función se aplica solo a modelos específicos.

#### 4.1

### WAVE OnCloud/OnPremise

#### 4.1.1

### Cambiar de modo de radio a modo WAVE

- 1 Realice uno de los siguientes pasos:
  - Presione el botón programado **WAVE**. Omita los pasos siguientes.
  - Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para obtener acceso a WAVE.

Presione  para realizar la selección.

El LED amarillo parpadea dos veces.

En la pantalla aparece un aviso momentáneo de cambio a WAVE, y luego aparece el mensaje Preparando WAVE.



### AVISO:

El radio activa automáticamente la conexión Wi-Fi después de cambiar a modo WAVE.

Si se realizó correctamente:

- El LED amarillo intermitente se apaga.
- En la pantalla aparece el ícono WAVE conectado, <Alias de grupo de conversación> e <índice de canal>.

Si no lo es:

- Suena un tono negativo.
- El LED parpadea en color rojo.
- En la pantalla aparece el ícono WAVE desconectado y Sin conexión o Activación: Error, según el tipo de error.



### AVISO:

La sincronización se produce cuando la nueva configuración se actualiza en el radio. Cuando ingresa en el modo WAVE, en el radio aparece el mensaje Sincronizando.... Cuando la sincronización finaliza, el radio vuelve a la pantalla de inicio.

#### 4.1.2

### Realización de llamadas de grupo WAVE

- 1 Use los botones o la perilla de selección de canal para seleccionar un grupo de conversación WAVE.

- 2 Para llamar, oprima el botón **PTT**.

Si la llamada se realiza correctamente, en la pantalla aparece el ícono Llamada de grupo y el alias del grupo de conversación WAVE.

Si la llamada no se realiza correctamente:

- Suena un tono indicador negativo.
- En la pantalla aparece un aviso momentáneo de Error en llamada o Sin participantes.

## 4.1.3

## Recepción y respuesta de una llamada de grupo WAVE

Cuando recibe una llamada de grupo WAVE:

- Se emite un tono.
- En la pantalla aparece el ícono de llamada de grupo, el alias de grupo de conversación WAVE y el alias de la persona que llama.
- Se activa el sonido del radio y la llamada entrante se emite a través del altavoz.

**1** Para llamar, oprima el botón **PTT**.

---

**2** Para escuchar, suelte el botón **PTT**.

---

## 4.1.4

## Recepción y respuesta de llamadas privadas WAVE

Cuando recibe una llamada privada WAVE:

- Se emite un tono.

- En la pantalla aparece el ícono de llamada privada y el alias de la persona que llama.
- Se activa el sonido del radio y la llamada entrante se emite a través del altavoz.

**1** Para llamar, oprima el botón **PTT**.

---

**2** Para escuchar, suelte el botón **PTT**.

---

## 4.1.5

## Cambiar de modo WAVE a modo de radio

**1** Realice uno de los siguientes pasos:

- Presione el botón programado **Modo de radio**. Omita los pasos siguientes.
  - Presione  para obtener acceso al menú.
-



- 2 Presione ▲ o ▼ hasta Modo de radio. Presione



para realizar la selección.

El LED amarillo parpadea dos veces.

En la pantalla aparece un aviso momentáneo de cambio a radio, y luego aparece el mensaje Preparando radio.

Cuando se realiza correctamente:

- El LED amarillo intermitente se apaga.
- Desaparece el ícono de WAVE conectado de la barra de estado. En la pantalla aparece <Alias de grupo de conversación> e <Índice de canal>.

## 4.2

# WAVE Tactical/5000

### 4.2.1

## Configuración de canales activos de WAVE



### AVISO:

Los canales de WAVE se configuran a través del CPS. El radio activa automáticamente la conexión Wi-Fi y accede al servidor WAVE una vez que ingresa un canal WAVE.

1



Presione para obtener acceso al menú.

2

Presione ▲ o ▼ para Canales WAVE. Presione



para realizar la selección.

3

Presione ▲ o ▼ para el canal WAVE requerido.



Presione para realizar la selección.

4

Presione ▲ o ▼ para Establecer como activo.



Presione para realizar la selección.

La pantalla muestra ✓ junto al canal seleccionado.

## 4.2.2

## Visualización de la información del canal de WAVE

- 1 Realice uno de los siguientes pasos:
  - Presione el botón programado **Lista de canales WAVE**. Omita los pasos siguientes.

- Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para Canales WAVE. Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para el canal WAVE requerido. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para acceder a Ver detalles. Presione  para realizar la selección.

La pantalla muestra los detalles del canal de WAVE.

## 4.2.3

## Visualización de la información de los terminales de WAVE

- 1 Realice uno de los siguientes pasos:
  - Presione el botón programado **Contacto**. Pase a [paso 3](#).

- Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para Terminales. Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para el terminal de WAVE requerido. Presione  para realizar la selección.

- 4 Presione  para seleccionar Ver detalles.

La pantalla muestra los detalles del terminal de WAVE.

#### 4.2.4

### Cambios en la configuración de WAVE

Siga el procedimiento para configurar la dirección IP del servidor, el ID y la contraseña de usuario de WAVE.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para obtener acceso a Utilidades. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para obtener acceso a Configuración del radio. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para obtener acceso a WAVE. Presione  para realizar la selección.

---

- 5 Presione  para seleccionar Dirección del servidor. Presione  para cambiar la dirección del servidor. Presione  para realizar la selección.

---

- 6 Presione ▼ para ID de usuario. Presione  para cambiar el ID de usuario. Presione  para realizar la selección.

---

- 7 Presione ▼ para Contraseña. Presione  para ver o cambiar la contraseña de WAVE. Presione  para realizar la selección.

---

8

Presione ▼ para Aplicar. Presione  para aplicar todos los cambios realizados.

En la pantalla se muestra momentáneamente el miniaviso positivo antes de volver a la pantalla Configuración del radio.

#### 4.2.5

### Realización de llamadas de grupo WAVE

1 Seleccione el canal WAVE con el alias o ID de grupo requerido.

2 Presione el botón **PTT** para realizar la llamada.

La luz LED verde se enciende. La primera línea de texto muestra el alias e ícono de **Llamada grupal**. La segunda línea de texto muestra el alias de grupo de WAVE.

3 Realice uno de los siguientes pasos:

- Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
- Espere a que el tono lateral de **PTT** deje de sonar y, si está activado, hable claramente al micrófono.

4 Suelte el botón **PTT** para escuchar.

El LED verde se ilumina cuando responde el radio de destino. La pantalla muestra el ícono, alias o ID de **Llamada grupal** y el alias o ID del radio transmisor.

5 Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder. Presione el botón **PTT** para responder la llamada.

La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado. El radio regresará a la pantalla en la que se encontraba antes de iniciar la llamada.

## Capacity Max

---

Capacity Max es un sistema de radio troncalizado basado en canales de control de MOTOTRBO.

Motorola Solutions comercializa los productos de radio digital MOTOTRBO principalmente a usuarios comerciales e industriales. MOTOTRBO se rige por el estándar para radios móviles digitales (DMR) del Instituto Europeo de Normas de Telecomunicaciones (ETSI), es decir, acceso múltiple por división de tiempo (TDMA) de dos ranuras para comprimir voz o datos simultáneos en un canal de 12,5 kHz (equivalente a 6,25 kHz).

### 5.1

## Botón Push-to-Talk

---

El botón Push-to-Talk (**PTT**) tiene dos propósitos básicos:

- Durante una llamada, el botón **PTT** permite que el radio transmita a los otros radios que participan en la llamada. El micrófono se activa cuando presiona el botón **PTT**.
- Si no hay ninguna llamada en curso, el botón **PTT** se utiliza para realizar una llamada nueva.

Presione prolongadamente el botón **PTT** para hablar. Suelte el botón **PTT** para escuchar.

Si el tono de permiso para hablar está activado, espere hasta que finalice el tono breve para hablar.

### 5.2

## Botones programables

---

Según la duración de la presión de un botón, el distribuidor puede configurar los botones programables como accesos directos a las funciones de radio.

### Presión breve

Oprimir y soltar con rapidez.

### Presión prolongada

Mantener presionado durante el tiempo programado.



### AVISO:

Consulte [Funcionamiento de emergencia en la página 549](#) para obtener más información acerca de la duración programada del botón de **emergencia**.

## 5.2.1

## Funciones asignables del radio

Su distribuidor o el administrador del sistema pueden asignar las siguientes funciones del radio a los botones programables.

### Perfiles de audio

Permite al usuario seleccionar el perfil de audio que prefiera.

### Enrutamiento de audio

Alterna el enrutamiento de audio entre el altavoz interno y el externo.

### Alternación de audio

Alterna el enrutamiento de audio entre el altavoz interno del radio y el altavoz de un accesorio con cable.

### Switch de audio Bluetooth®

Alterna el enrutamiento del audio entre el altavoz interno del radio y el accesorio externo compatible con Bluetooth.

### Conexión de Bluetooth

Inicia una operación de búsqueda y conexión con Bluetooth.

### Desconexión de Bluetooth

Finaliza todas las conexiones de Bluetooth existentes entre el radio y cualquier dispositivo compatible con Bluetooth.

### Detección de Bluetooth

Permite que el radio ingrese a un modo de detección de Bluetooth.

### Contactos

Proporciona acceso directo a la lista de contactos.

### Llamada de alerta

Permite acceder directamente a la lista de contactos para seleccionar un contacto al que se pueda enviar una alerta de llamada.

### Registro de llamada

Selecciona la lista del registro de llamadas.

### Interruptor

Según la programación, inicia o cancela una emergencia.

### Ubicación en áreas interiores

Activa o desactiva las áreas interiores.

### Intelligent Audio

Activa o desactiva el audio inteligente.

### **Marcación manual**

Inicia una llamada privada ingresando cualquier ID del suscriptor.

### **Itinerancia manual del sitio**

Inicia la búsqueda manual del sitio.

### **AGC del micrófono**

Enciende o apaga el control automático de ganancia (AGC) del micrófono interno.

### **Notificaciones**

Ofrece acceso directo a la lista de notificaciones.

### **Acceso instantáneo**

Inicia directamente una llamada de transmisión, privada, telefónica o grupal, una alerta de llamada o un mensaje de texto rápido predefinidos.

### **Función de tarjeta opcional**

Activa o desactiva las funciones de la tarjeta opcional para los canales compatibles con la tarjeta opcional.

### **Teléfono**

Permite el acceso directo a la lista de contactos del teléfono.

### **Privacidad**

Activa o desactiva la privacidad.

### **Alias e ID de radio**

Proporciona el alias e ID del radio.

### **Monitor Remoto**

Enciende el micrófono del radio de destino sin proporcionar ningún indicador.

### **Restablecer canal de inicio**

Configura un nuevo canal de inicio.

### **Silenciar recordatorio del canal de inicio**

Silencia el recordatorio de canal de inicio.

### **Info. Sitio**

Muestra el nombre y el ID actual del sitio de Capacity Max.

Reproduce mensajes de voz de anuncio del sitio actual si la opción de anuncio de voz está activada.

### **Bloqueo de sitio**

Cuando está activado, el radio solo busca en el sitio actual. Si se desactiva, busca en otros sitios además del sitio actual.

### **Estado**

Selecciona el menú de lista de estado.

### **Control de telemetría**

Controla el pin de salida en un radio local o remoto.

**Mensaje de texto**

Selecciona el menú Mensaje de texto.

**Alternar el nivel de la prioridad de llamadas**

Permite que el radio ingrese al nivel de prioridad de llamada alto/normal.

**Mejora sonido**

Activa/desactiva la mejora del sonido.

**Activar/desactivar anuncio de voz**

Activa o desactiva el anuncio de voz.

**Wi-Fi**

Activa o desactiva Wi-Fi.

**Selección de zona**

Permite seleccionar desde una lista de zonas.

**5.2.2**

## Opciones de configuración asignables o funciones de herramientas

Los siguientes ajustes de radio o funciones de herramientas se pueden asignar a los botones programables.

**Tones/Alerts**

Enciende y apaga todos los tonos y las alertas.

**Luz de fondo**

Activa o desactiva la luz de fondo de la pantalla.

**Brillo de luz de fondo**

Ajusta el nivel de brillo.

**Modo de pantalla**

Enciende o apaga el modo de pantalla diurna/nocturna.

**Bloqueo del teclado**

Bloquea y desbloquea el teclado.

**Nivel de potencia**

Alterna el nivel de potencia de transmisión entre alto y bajo.

**5.2.3**

## Acceso a las funciones programadas

Siga el procedimiento para acceder a las funciones programadas en el radio.

- 1 Realice uno de los siguientes pasos:



- Presione el botón programado. Continúe con [paso 3](#).

- Presione  para obtener acceso al menú.

- 2** Presione  o  para acceder a la función del menú y presione  para seleccionar una función o entrar en un submenú.

- 3** Realice uno de los siguientes pasos:

- Presione  para regresar a la pantalla anterior.
- Mantenga presionado  para regresar a la pantalla de inicio.

El radio sale automáticamente del menú después de un período de inactividad y regresa a la pantalla Inicio.

## 5.3

# Indicadores de estado

En este capítulo se describen los indicadores de estado y los tonos de audio que se utilizan en el radio.

## 5.3.1

## Íconos

En la pantalla de cristal líquido (LCD) de 132 x 90 píxeles y 256 colores del radio aparecen el estado del radio, las entradas de texto y las entradas del menú. A continuación, se muestran los íconos que aparecen en la pantalla del radio.

### Tabla 3 :Íconos de la pantalla

A continuación se muestran los íconos que aparecen en la barra de estado situada en la parte superior de la pantalla del radio. Los íconos se organizan de izquierda a derecha en orden de aparición o uso, y son específicos del canal.



#### Batería

La cantidad de barras (0–4) que se muestra indica la carga restante de la batería. El ícono parpadea cuando la carga de la batería es baja.

|                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>Bluetooth conectado</b><br/>La función Bluetooth está activada. El ícono permanece encendido cuando hay un dispositivo Bluetooth remoto conectado.</p> |  <p><b>GNSS no disponible</b><br/>La función GNSS está activada, pero no recibe datos del satélite.</p>                                                                                                                                                            |
|  <p><b>Bluetooth no conectado</b><br/>La función Bluetooth está activada, pero no hay un dispositivo Bluetooth remoto conectado.</p>                          |  <p><b>Datos de alto volumen</b><br/>El radio está recibiendo datos de gran volumen y el canal está ocupado.</p>                                                                                                                                                   |
|  <p><b>DGNA</b><br/>El radio está en un grupo de conversación DGNA.</p>                                                                                       |  <p><b>Ubicación en áreas interiores disponible<sup>2</sup></b><br/>El estado de ubicación en áreas interiores está activado y disponible.</p>                                                                                                                     |
|  <p><b>Emergencia</b><br/>El radio está en modo de emergencia.</p>                                                                                            |  <p><b>Ubicación en áreas interiores no disponible<sup>2</sup></b><br/>El estado de ubicación en áreas interiores está activado, pero no está disponible debido a que Bluetooth está desactivado o el rastreo de señal periódica fue suspendido por Bluetooth.</p> |
|  <p><b>GNSS disponible</b><br/>La función GNSS está activada. El ícono permanece encendido cuando hay una posición fija disponible.</p>                       |  <p><b>Modo de silenciado</b><br/>El modo de silenciado está activado y el altavoz está silenciado.</p>                                                                                                                                                            |

<sup>2</sup> Se aplica solo a los modelos con la última versión de software y hardware.

|                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>Notificación</b><br/>Faltan uno o más eventos de la lista de notificaciones.</p>                                                   |  <p><b>prioridad 2</b><br/>Indica grupo de conversación prioritario 2.</p>                                                                                                                                                                                             |
|  <p><b>Tarjeta opcional</b><br/>La tarjeta opcional está activada. (Solo en modelos con la tarjeta opcional activada).</p>                |  <p><b>Indicador de intensidad de la señal recibida (RSSI)</b><br/>La cantidad de barras que se muestran representa la intensidad de la señal del radio. Cuatro barras indican la señal de mayor intensidad. Este ícono se muestra solamente durante la recepción.</p> |
|  <p><b>Tarjeta opcional sin funcionamiento</b><br/>La tarjeta opcional está desactivada.</p>                                              |  <p><b>Inhibición de respuesta</b><br/>La inhibición de respuesta está activada.</p>                                                                                                                                                                                   |
|  <p><b>Temporizador de retardo de programación inalámbrica</b><br/>Indica el tiempo que queda hasta el reinicio automático del radio.</p> |  <p><b>Solo timbre</b><br/>El modo de timbre está habilitado.</p>                                                                                                                                                                                                      |
|  <p><b>Nivel de potencia</b><br/>El radio está configurado en Potencia baja o Potencia alta.</p>                                          |  <p><b>Frecuencia compartida</b><br/>Indica que el radio está usando el canal de control compartido.</p>                                                                                                                                                               |
|  <p><b>prioridad 1</b><br/>Indica grupo de conversación prioritario 1.</p>                                                                |  <p><b>Encriptar</b><br/>La función de privacidad está activada.</p>                                                                                                                                                                                                   |

|                                                                                   |                                                                             |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
|  | <b>Timbre silencioso</b><br>El modo de timbre silencioso está habilitado.   |
|  | <b>Roaming de sitio</b><br>La función de roaming de sitio está activada.    |
|  | <b>Estado</b><br>Indica un nuevo mensaje de estado.                         |
|  | <b>Desactivación de tonos</b><br>Los tonos están desactivados.              |
|  | <b>Desencriptar</b><br>La función de privacidad está desactivada.           |
|  | <b>Vibrar</b><br>El modo de vibración está habilitado.                      |
|  | <b>Vibrar y timbrar</b><br>Los modos de vibración y timbre están activados. |

|                                                                                   |                                                                                    |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|  | <b>Señal Wi-Fi excelente<sup>3</sup></b><br>La señal Wi-Fi es excelente.           |
|  | <b>Señal Wi-Fi buena<sup>3</sup></b><br>La señal Wi-Fi es buena.                   |
|  | <b>Señal Wi-Fi de valor medio<sup>3</sup></b><br>La señal Wi-Fi es de valor medio. |
|  | <b>Señal Wi-Fi deficiente<sup>3</sup></b><br>La señal Wi-Fi es deficiente.         |

<sup>3</sup> Se aplica solo a DGP 5550e/DGP 8550e



**Señal Wi-Fi no disponible<sup>3</sup>**  
La señal Wi-Fi no está disponible.

**Tabla 4 :Íconos de menú avanzados**

Los íconos siguientes aparecen junto a los elementos del menú que ofrecen una alternativa entre dos opciones o como indicación de que el submenú ofrece dos opciones.



**Casilla de verificación (seleccionada)**  
Indica que la opción está seleccionada.



**Casilla de verificación (vacía)**  
Indica que la opción no está seleccionada.



**Cuadro negro relleno**  
Indica que la opción está seleccionada para el elemento del menú con un submenú.

**Tabla 5 :Íconos del dispositivo Bluetooth**

Los siguientes íconos aparecen junto a los elementos de la lista de dispositivos compatibles con Bluetooth disponibles para indicar el tipo de dispositivo.



**Dispositivo de audio con Bluetooth**  
Dispositivo de audio compatible con Bluetooth, como auriculares.



**Dispositivo de datos con Bluetooth**  
Dispositivo de datos compatible con Bluetooth, como un lector.



**Dispositivo PTT con Bluetooth**  
Dispositivo PTT compatible con Bluetooth, como un dispositivo solo para PTT (POD).

**Dispositivo sensor con Bluetooth<sup>3</sup>**

Dispositivo sensor con Bluetooth, como un sensor de gas.

**Llamada de despacho**

El tipo de contacto de llamada de despacho se utiliza para enviar un mensaje de texto a una computadora despachadora a través de un servidor de mensajes de texto de terceros.

**Llamada de grupo/general**

Indica que hay una llamada de grupo o general en curso.

En la lista de contactos, se indica un alias (nombre) o ID (número) de grupo.

**Llamada individual periférica sin IP**

Indica una llamada individual periférica sin IP en curso.

En la lista de contactos, indica un alias (nombre) o ID (número) de suscriptor.

**Llamada de grupo periférica sin IP**

Indica una llamada de grupo sin IP periférica en curso.

**Tabla 6 :Íconos de llamada**

Los siguientes íconos aparecen en la pantalla del radio durante una llamada. Estos íconos también aparecen en la lista de contactos para indicar el tipo de ID o alias.

**Llamada de PC Bluetooth**

Indica una llamada de PC Bluetooth en curso.

En la lista Contactos, se indica un alias (nombre) o ID (número) de llamada de PC Bluetooth.

**Alta prioridad de llamada**

Indica que se activó un alto nivel de prioridad de llamada.

**Llamada DGNA**

Indica que hay una llamada DGNA en curso.

|                                                                                   |                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                   | En la lista de contactos, se indica un alias (nombre) o ID (número) de grupo.                                                                                                                                          |
|  | <b>Llamada individual de tarjeta opcional</b><br>Indica que hay una llamada individual de tarjeta opcional en curso.<br><br>En la lista de contactos, indica un alias (nombre) o ID (número) de suscriptor.            |
|  | <b>Llamada de grupo de tarjeta opcional</b><br>Indica que hay una llamada de grupo de tarjeta opcional en curso.<br><br>En la lista de contactos, se indica un alias (nombre) o ID (número) de grupo.                  |
|  | <b>Llamada telefónica como llamada de grupo/general</b><br>Indica que hay una llamada telefónica como llamada de grupo/general en curso. En la lista de contactos, se indica un alias (nombre) o ID (número) de grupo. |

|                                                                                   |                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Llamada telefónica como llamada privada</b><br>Indica que hay una llamada telefónica como llamada privada en curso. En la lista de contactos, se indica un alias (nombre) o ID (número) de teléfono. |
|  | <b>Llamada privada</b><br>Indica que hay una llamada privada en curso. En la lista de contactos, indica un alias (nombre) o ID (número) de suscriptor.                                                  |

**Tabla 7 :Íconos de fichas de trabajo**

Los siguientes íconos aparecen momentáneamente en la pantalla en la carpeta Fichas de trabajo.

|                                                                                   |                                                                    |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------|
|  | <b>Todos los trabajos</b><br>Indica todos los trabajos detallados. |
|  | <b>Nuevos trabajos</b><br>Indica los nuevos trabajos.              |

**En curso**

Los trabajos están transmitiendo.  
Esto se ve antes de que se indique si  
el envío de las fichas de trabajo falló  
o se realizó correctamente.

**Error de envío**

No se pueden enviar los trabajos.

**Enviado correctamente**

Los trabajos se han enviado  
correctamente.

**prioridad 1**

Indica nivel de prioridad 1 para los  
trabajos.

**prioridad 2**

Indica nivel de prioridad 2 para los  
trabajos.

**Prioridad 3**

Indica nivel de prioridad 3 para los  
trabajos.

**Tabla 8 :Iconos de miniavisos**

Los siguientes íconos aparecen momentáneamente en la  
pantalla después de realizar una tarea.

**Error de transmisión (negativo)**

Se produjo un error en la acción.

**Transmisión correcta (positiva)**

La acción se realizó correctamente.

**Transmisión en curso (transición)**

Transmitiendo. Esto se ve antes del  
indicador de transmisión correcta o  
error de transmisión.

**Tabla 9 :Iconos de los elementos enviados**

Los siguientes íconos aparecen en la esquina superior  
derecha de la pantalla en la carpeta Enviados.

**En curso**

El mensaje de texto a un alias o ID  
del suscriptor está pendiente de  
transmisión y en espera de  
confirmación. El mensaje de texto a  
un alias o ID de grupo está pendiente  
de transmisión.



|                                                                                                                                                                        |                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <br> | <p><b>Mensaje individual o de grupo leído</b><br/>Se ha leído el mensaje de texto.</p>       |
| <br> | <p><b>Mensaje individual o de grupo no leído</b><br/>No se ha leído el mensaje de texto.</p> |
| <br> | <p><b>Error de envío</b><br/>No se pudo enviar el mensaje de texto.</p>                      |
| <br> | <p><b>Enviado correctamente</b><br/>Se ha enviado el mensaje de texto correctamente.</p>     |

### 5.3.2

## Indicador LED

El indicador LED muestra el estado de funcionamiento del radio.

### Rojo intermitente

El radio no pudo realizar la autocomprobación durante el encendido.

El radio está recibiendo una transmisión de emergencia.

El radio está transmitiendo en un estado de batería baja.

El radio salió del rango si está configurado el sistema transpondedor de rango automático.

El modo de silenciado está activado.

### Luz verde

El radio se está encendiendo.

El radio está transmitiendo.

El radio está enviando una alerta de llamada o una transmisión de emergencia.

### Verde intermitente

El radio está recibiendo una llamada o datos.

El radio está recuperando transmisiones de programación inalámbricas.

El radio está detectando actividad inalámbrica.



**AVISO:**

Esta actividad puede afectar, o no, al canal programado del radio debido a la naturaleza del protocolo digital.

**Verde intermitente doble**

El radio está recibiendo una llamada con privacidad activada o datos.

**Luz amarilla**

El radio está en modo de detección de Bluetooth.

**Amarillo intermitente**

El radio aún debe responder a una alerta de llamada.

**Amarillo intermitente doble**

El radio tiene activado roaming automático.

El radio está buscando activamente un nuevo sitio.

El radio aún debe responder una alerta de llamada de un grupo.

El radio está bloqueado.

**5.3.3**

## Tonos

Las siguientes son los tonos que se emiten a través del altavoz del radio.



Tono agudo



Tono grave

**5.3.3.1**

## Tonos de audio

Los tonos de audio proporcionan indicaciones sonoras sobre el estado del radio o la respuesta del radio a los datos recibidos.



**Tono continuo**

Un sonido monocorde. Suena continuamente hasta que finalice.



**Tono periódico**

Suena periódicamente, según la duración establecida por el radio. El tono se inicia, se detiene y se repite.



### **Tono repetitivo**

Un tono único que se repite hasta que el usuario lo detiene.



### **Tono momentáneo**

Suena una vez por una corta duración establecida por el radio.

#### 5.3.3.2

## **Tonos indicadores**

Los tonos indicadores proporcionan indicaciones sonoras del estado después de realizar una acción para generar una tarea.



Tono indicador positivo



Tono indicador negativo

#### 5.4

## **Registro**

---

Hay una serie de mensajes relacionados con el registro que puede recibir.

### **Registro**

Normalmente, el registro se envía al sistema durante el encendido, el cambio del grupo de conversación o durante el roaming de sitio. Si el registro de un radio en un sitio falla, el radio intenta hacer roaming a otro sitio automáticamente. El radio elimina temporalmente el sitio donde se intentó el registro de la lista de roaming.

La indicación significa que el radio está ocupado buscando un sitio al cual realizar roaming o que el radio ha encontrado un sitio correctamente, pero está esperando una respuesta a los mensajes de registro del radio.

Cuando se muestra Registrando en el radio, se oye un tono y el LED amarillo doble parpadea para indicar una búsqueda de sitio.

Si las indicaciones persisten, el usuario debe cambiar las ubicaciones o, si está permitido, hacer roaming manualmente a otro sitio.

## Fuera de rango

Se considera que un radio está fuera de rango cuando no puede detectar una señal del sistema o del sitio actual. Normalmente, esta indicación significa que el radio está fuera del rango de cobertura de la radiofrecuencia (RF) geográfica saliente.

Cuando se muestra **Fuera de alcance** en el radio, suena un tono repetitivo y el LED rojo parpadea.

Póngase en contacto con su distribuidor o con el administrador del sistema si el radio sigue recibiendo indicaciones sobre el estado de fuera de rango en un área con una buena cobertura de radiofrecuencia.

## Se ha producido un error en la afiliación a un grupo de conversación

Un radio intenta afiliarse al grupo de conversación especificado en los canales o Posición de perilla unificada (UKP) durante el registro.

Un radio que está en estado de fallo de afiliación no puede realizar o recibir llamadas del grupo de conversación al que el radio está intentando afiliarse.

Si la afiliación de un radio a un grupo de conversación falla, se muestra **Alias de UKP** en la pantalla Inicio con un fondo resaltado.

Póngase en contacto con su distribuidor o con el administrador del sistema si el radio recibe indicaciones de fallo en la afiliación.

## Registro denegado

Los indicadores de registro denegado se reciben cuando el registro en el sistema no se admite.

El radio no indica al usuario el motivo específico de denegación del registro. Normalmente, un registro se rechaza cuando el operador del sistema ha desactivado el acceso del radio al sistema.

Si se rechaza el registro de un radio, se muestra **Registro denegado** en el radio y el LED amarillo parpadea dos veces para indicar una búsqueda de sitio.

### 5.5

## Selecciones de zonas y canales

En este capítulo se explican las operaciones que permiten seleccionar una zona o un canal en el radio.

El radio se puede programar con un máximo de 250 zonas de Capacity Max con un máximo de 160 canales por zona.

Cada zona de Capacity Max contiene un máximo de 16 posiciones asignables. Cada zona de Capacity Max contiene un máximo de 16 posiciones asignables.

### 5.5.1

## Selección de zonas

Siga el procedimiento para seleccionar la zona requerida en el radio.

- 1 Realice uno de los siguientes pasos:
  - Presione el botón programado **Selección de zona**. Continúe con [paso 3](#).
  - Presione  para obtener acceso al menú.

- 2 Presione  o  para acceder a Zona. Presione  para realizar la selección.  
La pantalla muestra  y la zona actual.

- 3 Presione  o  para acceder a la zona requerida. Presione  para realizar la selección.  
En la pantalla se muestra <Zona> Seleccionada momentáneamente y permite regresar a la pantalla de la zona seleccionada.

### 5.5.2

## Selección de zonas mediante la búsqueda de alias

Siga el procedimiento para seleccionar la zona deseada en el radio mediante la búsqueda de alias.

- 1 Presione  para obtener acceso al menú.

- 2 Presione  o  para ir a Zona. Presione  para realizar la selección.  
En la pantalla se muestra  y la zona actual.

- 3 Escriba el primer carácter del alias deseado.

La pantalla muestra un cursor intermitente.

- 4 Ingrese el resto de los caracteres del alias deseado.

La búsqueda de alias distingue entre mayúsculas y minúsculas. Si hay dos o más entradas con el mismo nombre, la pantalla muestra la entrada que aparece primero en la lista.

La primera línea de texto muestra los caracteres que ingresó. Las siguientes líneas de texto muestran los resultados abreviados de la búsqueda.

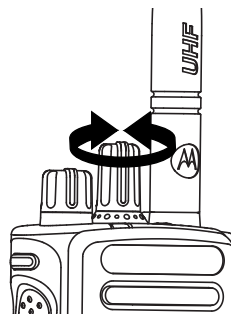
- 5

Presione  para realizar la selección.

La pantalla muestra <Zona> Seleccionada momentáneamente y regresa a la pantalla de la zona seleccionada.

llamada de broadcast, una llamada general o una llamada privada, según cómo esté programado el radio. Si cambia la perilla selectora de canales a una posición distinta (que tenga asignada un tipo de llamada), hará que el radio vuelva a registrarse en el sistema Capacity Max. El radio se registra con el ID de grupo de conversación que se programó para el nuevo tipo de llamada de la posición de la perilla selectora de canales.

El radio no funciona cuando selecciona un canal no programado; utilice la perilla selectora de canales para seleccionar un canal programado en su lugar.



Una vez que la zona requerida se muestra (en caso de tener varias zonas en el radio), gire la perilla

### 5.5.3

## Selección de un tipo de llamada

Use la perilla selectora de canales para seleccionar el tipo de llamada. Esta puede ser una llamada de grupo, una

selección de canales programados para seleccionar el tipo de llamada.

---

### 5.5.4

## Selección de un sitio

Un sitio proporciona cobertura para un área específica. En una red de varios sitios, el radio Capacity Max buscará automáticamente un nuevo sitio cuando el nivel de la señal del sitio actual se reduzca a un nivel inaceptable.

El sistema Capacity Max puede admitir hasta 250 sitios.

### 5.5.5

## Solicitud de roaming

Una solicitud de itinerancia indica al radio que busque un sitio diferente, incluso si la señal del sitio actual es aceptable.

Si no hay sitios disponibles:

- La pantalla del radio muestra *Buscando* y continúa buscando a través de la lista de sitios.
- El radio regresa al sitio anterior, si este aún está disponible.



### AVISO:

Esto lo programa el distribuidor.

Presione el botón programado **Itinerancia manual del sitio**.

Se escucha un tono, que indica que el radio cambió a un nuevo sitio. En la pantalla, se muestra ID del sitio <Número del sitio>.

---

### 5.5.6

## Activar/desactivar bloqueo del sitio

Cuando está activado, el radio solo busca en el sitio actual. Si se desactiva, busca en otros sitios además del sitio actual.

Presione el botón programado **Bloqueo del sitio**.

Si la función **Bloqueo del sitio** está activada:

- Se oye un tono indicador positivo, que indica que el radio está bloqueado en el sitio actual.
- La pantalla muestra *Sitio bloqueado*.

Si la función **Bloqueo del sitio** está desactivada:

- Se oye un tono indicador negativo, que indica que el radio está desbloqueado.
- La pantalla muestra `Sitio desbloqueado`.

### 5.5.7

## Restricción de sitios

En el sistema Capacity Max, el administrador del radio tiene la capacidad para decidir qué sitios de red puede y no puede utilizar su radio.

No es necesario volver a programar el radio para cambiar la lista de sitios permitidos y no permitidos. Si el radio intenta registrarse en un sitio no permitido, recibirá una indicación de que el sitio no está permitido. Luego el radio busca un sitio de red diferente.

Si tiene restricciones de sitio, el radio muestra `Registro denegado` y el LED amarillo parpadea dos veces para indicar una búsqueda de sitio.

### 5.5.8

## Troncalización de sitio:

La troncalización de sitio solo está disponible para el sistema Capacity Max. Un sitio debe ser capaz de

comunicarse con el controlador de troncalización considerado la troncalización del sistema.

Si el sitio no se puede comunicar con el controlador de troncalización del sistema, el radio entra en modo de troncalización de sitio. Cuando está en Troncalización de sitio, el radio proporciona una indicación audible y visual periódica al usuario para informarle de que la funcionalidad es limitada.

Cuando el radio está en Troncalización de sitio, el radio muestra `Troncalización de sitio` y suena un tono repetitivo.

Los radios en troncalización de sitio pueden realizar llamadas de voz individuales y grupales, así como enviar mensajes de texto a los demás radios dentro del mismo sitio. Las consolas de voz, los grabadores de inicio de sesión, los gateways del teléfono y las aplicaciones de datos no se pueden comunicar a los radios en el sitio.

Una vez que se encuentre en troncalización de sitio, un radio que está involucrado en llamadas a través de varios sitios solo se podrá comunicar con otros radios en el



mismo sitio. La comunicación hacia y desde otros sitios se perderá.



### **AVISO:**

Si hay varios sitios que cubren la ubicación actual del radio y uno de los sitios entra en troncalización de sitio, el radio se desplazará a otro sitio que esté dentro de la cobertura.

## 5.6

# Llamadas

---

En este capítulo, se explican las operaciones para recibir, responder, realizar y finalizar llamadas.

Puede seleccionar un alias o ID de suscriptor, o un alias o ID de grupo, después de seleccionar un canal por medio de una de estas funciones:

### **Búsqueda de alias**

Este método se utiliza solo para llamadas de grupo, privadas y generales con un micrófono con teclado.

### **Lista Contactos**

Este método permite acceder directamente a la lista de contactos.

### **Marcación manual (a través de Contactos)**

Este método se utiliza solo para llamadas privadas y telefónicas con un micrófono con teclado.

### **Teclas numéricas programadas**

Este método se utiliza solo para llamadas de grupo, privadas y generales con un micrófono con teclado.



### **AVISO:**

Solo es posible asignar un alias o ID a una tecla numérica, pero es posible tener más de una tecla numérica asociada a un alias o ID. Se pueden asignar todas las teclas numéricas de un micrófono con teclado. Consulte [Asignación de entradas a teclas numéricas programables en la página 528](#) para obtener más información.

### **Botón programado de acceso instantáneo**

Este método se utiliza solo para llamadas Grupales, privadas y telefónicas.

Solo puede asignar un ID a un botón **Acceso instantáneo** mediante una presión breve o prolongada de un botón programable. El radio puede tener varios botones programados **Acceso instantáneo**.

### **Botón programable**

Este método se usa solo para llamadas telefónicas.

## 5.6.1

## Llamadas grupales

El radio debe configurarse como parte de un grupo para recibir una llamada o realizar una llamada al grupo de usuarios.

## 5.6.1.1

### Realización de llamadas de grupo

Para llamar a un grupo de usuarios, el radio debe estar configurado como parte de ese grupo.

- 1 Realice uno de los siguientes pasos:
  - Seleccione un canal con el alias o ID de grupo activo. Consulte [Selección de un tipo de llamada en la página 89](#).
  - Presione el botón programado **Acceso instantáneo**.
- 2 Presione el botón **PTT** para realizar la llamada.  
La luz LED verde se enciende. La primera línea de texto muestra el alias y el ícono **Llamada grupal**.
- 3 Realice uno de los siguientes pasos:

- Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
- Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.

- 
- 4 Suelte el botón **PTT** para escuchar.

El LED verde se ilumina cuando responde el radio de destino. La pantalla muestra el ícono, alias o ID de **Llamada grupal** y el alias o ID del radio transmisor.

- 
- 5 Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder. Presione el botón **PTT** para responder la llamada.  
La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado.

El iniciador de la llamada puede presionar  para finalizar una llamada de grupo.

---

### 5.6.1.2

## Realización de llamadas de grupo mediante la lista de contactos

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para acceder a **Contactos**.  
Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.

---

- 4 Presione el botón **PTT** para realizar la llamada.  
La luz LED verde se enciende.  
La primera línea muestra el alias o ID del suscriptor.  
La segunda línea muestra **Llamada grupal** y el ícono **Llamada grupal**.

---

- 5 Realice uno de los siguientes pasos:

- Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
- Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.

- 
- 6 Suelte el botón **PTT** para escuchar.

El LED verde se ilumina cuando responde el radio de destino. En la pantalla, se muestra el ícono **Llamada grupal**, el alias o ID y el alias o ID del radio transmisor.

- 
- 7 Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder. Presione el botón **PTT** para responder la llamada.  
La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado.  
Escuchará un tono breve. La pantalla muestra **Llamada finalizada**.
-

## 5.6.1.3

## Realización de llamadas de grupo mediante la tecla numérica programable

Siga el procedimiento para realizar llamadas de grupo en el radio mediante la tecla numérica programable.

- 1 Presione de forma prolongada la tecla numérica programada para el alias o ID predefinidos cuando se encuentre en la pantalla Inicio.

Si se asigna una tecla numérica a una entrada en un modo particular, esta función no se permite al realizar la presión prolongada de la tecla numérica en otro modo.

Suena un tono indicador negativo si la tecla numérica no está asociada a una entrada.

- 2 Presione el botón **PTT** para realizar la llamada.

La luz LED verde se enciende. La pantalla muestra el ícono de **Llamada de grupo** en la esquina superior derecha. La primera línea de texto muestra el alias de la persona que llama. La segunda línea de

texto muestra el estado de la llamada de la Llamada grupal.

- 3 Realice uno de los siguientes pasos:

- Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
- Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.

- 4 Suelte el botón **PTT** para escuchar.

El LED verde se ilumina cuando responde el radio de destino. La pantalla muestra el alias del destino.

- 5 Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder. Presione el botón **PTT** para responder la llamada.

La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado. El radio regresa a la pantalla en la que se encontraba antes de iniciar la llamada.

El iniciador de la llamada puede presionar  para finalizar la llamada de grupo.

Para obtener más información, consulte [Asignación de entradas a teclas numéricas programables en la página 528](#).

### 5.6.1.4

## Realización de llamadas de grupo mediante la búsqueda por alias

También puede realizar una búsqueda por alias o alfanumérica para recuperar el alias del suscriptor deseado. Esta característica solo puede aplicarse mientras está en Contactos. Si el radio de destino no está disponible, se escucha un tono breve y se ve *Unidad no disponible* en la pantalla; el radio regresa al menú anterior al inicio de la verificación de presencia de radio.



### AVISO:

Presione el botón  o  para salir de la búsqueda de alias.

- 1 Presione  para obtener acceso al menú.
- 2 Presione  o  para acceder a Contactos.  
Presione  para realizar la selección.  
La pantalla muestra las entradas en orden alfabético.
- 3 Escriba el primer carácter del alias deseado.  
La pantalla muestra un cursor intermitente.
- 4 Ingrese el resto de los caracteres del alias deseado.  
La búsqueda de alias distingue entre mayúsculas y minúsculas. Si hay dos o más entradas con el mismo nombre, la pantalla muestra la entrada que aparece primero en la lista.  
La primera línea de texto muestra los caracteres que ingresó. Las siguientes líneas de texto muestran los resultados abreviados de la búsqueda.

- 5 Presione el botón **PTT** para realizar la llamada.

La luz LED verde se enciende. En la pantalla, se muestra el ID de destino, el tipo de llamada y el ícono **Llamada**.

- 6 Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.

- 7 Suelte el botón **PTT** para escuchar.

La luz LED verde parpadea cuando responde el radio de destino.

- 8 Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder. Presione el botón **PTT** para responder la llamada.

La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado. Se emite un tono. La pantalla muestra **Llamada finalizada**.

El iniciador de la llamada puede presionar  para finalizar la llamada de grupo.

### 5.6.1.5

## Respuesta a llamadas de grupo

Cuando recibe una llamada de grupo:

- El LED verde parpadea.
- En la primera línea de texto se muestra el alias de la persona que llama.
- La segunda línea de texto muestra el alias de la llamada grupal.
- Se activa el sonido del radio, y la llamada entrante se emite a través del altavoz.

### 1 Realice uno de los siguientes pasos:

- Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder. Presione el botón **PTT** para responder la llamada.
- Si la función Interrumpir voz está activada, presione el botón **PTT** para detener el audio del

radio transmisor y liberar el canal para responder.

La luz LED verde se enciende.

---

### 2 Realice uno de los siguientes pasos:

- Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
- Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.

---

### 3 Suelte el botón **PTT** para escuchar.

La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado.

---

## 5.6.2

### Llamada de transmisión

Una llamada de broadcast es una llamada de voz de una vía de cualquier usuario a un grupo de conversación entero.

La función de llamada de broadcast permite que solo el usuario que inicia la llamada transmita al grupo de

conversación, mientras que los destinatarios de la llamada no pueden responder.

El iniciador del broadcast también puede finalizar la llamada de broadcast. Para recibir una llamada de un grupo de usuarios, o para llamar a un grupo de usuarios, el radio se debe configurar como parte de un grupo.

## 5.6.2.1

### Realización de llamadas de transmisión

#### 1 Realice uno de los siguientes pasos:

- Seleccione un canal con el alias o ID de grupo activo. Consulte [Selección de un tipo de llamada en la página 89](#).
- Presione el botón programado **Acceso instantáneo**.

---

#### 2 Presione el botón **PTT** para realizar la llamada.

La luz LED verde se enciende. En la pantalla, se muestra el ícono **Llamada de grupo** y el alias.

---

#### 3 Realice uno de los siguientes pasos:

- Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
- Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.

El iniciador de la llamada puede presionar  para finalizar la llamada de broadcast.

#### 5.6.2.2

### Realización de llamadas de transmisión mediante la lista de contactos

- 1 Presione  para obtener acceso al menú.
- 2 Presione  o  para acceder a **Contactos**.  
Presione  para realizar la selección.

- 3 Presione  o  para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.

- 4 Presione el botón **PTT** para realizar la llamada.  
El LED verde parpadea.  
La primera línea muestra el alias o ID del suscriptor.  
La segunda línea muestra **Llamada grupal** y el ícono **Llamada grupal**.

- 5 Realice uno de los siguientes pasos:
  - Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
  - Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.

El iniciador de la llamada puede presionar  para finalizar la llamada de broadcast.



### 5.6.2.3

## Realización de llamadas de broadcast mediante la tecla numérica programable

Siga el procedimiento para realizar llamadas de broadcast en el radio mediante la tecla numérica programable.

- 1 Presione de forma prolongada la tecla numérica programada para el alias o ID predefinidos cuando se encuentre en la pantalla Inicio.

Si se asigna una tecla numérica a una entrada en un modo particular, esta función no se permite al realizar la presión prolongada de la tecla numérica en otro modo.

Suena un tono indicador negativo si la tecla numérica no está asociada a una entrada.

- 2 Presione el botón **PTT** para realizar la llamada.

La luz LED verde se enciende. La pantalla muestra el ícono de **Llamada de grupo** en la esquina superior derecha. La primera línea de texto muestra el alias de la persona que llama.

- 3 Realice uno de los siguientes pasos:

- Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
- Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.

El iniciador de la llamada puede presionar  para finalizar la llamada de broadcast.

### 5.6.2.4

## Recepción de llamadas de transmisión

Siga el procedimiento para recibir una llamada de broadcast en el radio.

Cuando recibe una llamada de broadcast:

- El LED verde parpadea.
- En la primera línea de texto se muestra el alias de la persona que llama.
- La segunda línea de texto muestra el alias de la llamada grupal.

- Se activa el sonido del radio, y la llamada entrante se emite a través del altavoz.

**AVISO:**

Los destinatarios no pueden responder durante una llamada de broadcast. La pantalla muestra **Prohibido responder**. El tono de prohibición de respuesta sonará momentáneamente si se presiona el botón **PTT** durante una llamada de transmisión.

## 5.6.3

**Llamada privada**

Una llamada privada es una llamada que realiza un radio individual a otro radio individual.

Hay dos formas de configurar una llamada privada.

- El primer tipo de llamada se denomina Configuración de la llamada fuera de aire (OACSU). OACSU configura la llamada después de realizar una verificación de presencia del radio y finaliza la llamada automáticamente.
- El segundo tipo se denomina Configuración de la llamada fuera de aire completa (FOACSU). FOACSU también configura la llamada después de realizar una verificación de presencia del radio. Sin embargo, las llamadas FOACSU requieren la confirmación del

usuario para completar la llamada y permiten que el usuario acepte o rechace la llamada.

El administrador del sistema configura el tipo de llamada.

Si el radio de destino no está disponible antes de configurar la llamada privada, ocurre lo siguiente:

- Se emite un tono.
- La pantalla muestra un miniaviso negativo.
- El radio regresa al menú antes de iniciar la verificación de presencia de radios.

**AVISO:**

Tanto el iniciador de la llamada como el destinatario pueden interrumpir una llamada privada en curso

presionando .

## 5.6.3.1

**Realización de llamadas privadas**

Se debe programar el radio para poder iniciar una llamada privada. Si esta función no está activada, escuchará un tono indicador negativo cuando se inicie la llamada. Si el

radio de destino no está disponible, suena un tono breve y la pantalla muestra **Unidad no disponible**.

**1** Realice uno de los siguientes pasos:

- Seleccione el canal con el alias o ID del suscriptor activo. Consulte [Selección de un tipo de llamada en la página 89](#).
- Presione el botón programado **Acceso instantáneo**.

**2** Presione el botón **PTT** para realizar la llamada.

La luz LED verde se enciende. En la pantalla, se muestra el ícono **Llamada privada**, el alias del suscriptor y el estado de la llamada.

**3** Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.

**4** Suelte el botón **PTT** para escuchar.

El LED verde se ilumina cuando responde el radio de destino.

**5** La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado. Escuchará un tono breve. En la pantalla aparecerá el mensaje **Llamada finalizada**.

Tanto el iniciador de la llamada como el destinatario pueden interrumpir una llamada privada en curso

presionando .

### 5.6.3.2

## Realización de llamadas privadas mediante la tecla numérica programable

Siga el procedimiento para realizar llamadas privadas en el radio mediante la tecla numérica programable.

**1** Presione de forma prolongada la tecla numérica programada para el alias o ID predefinidos cuando se encuentre en la pantalla Inicio.

Si se asigna una tecla numérica a una entrada en un modo particular, esta función no se permite al realizar la presión prolongada de la tecla numérica en otro modo.

Suena un tono indicador negativo si la tecla numérica no está asociada a una entrada.

## 2 Presione el botón **PTT** para realizar la llamada.

La luz LED verde se enciende. En la pantalla, se muestra el ícono de **Llamada privada**, el alias o el ID del suscriptor y el estado de la llamada.

## 3 Realice uno de los siguientes pasos:

- Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
- Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.

## 4 Suelte el botón **PTT** para escuchar.

La luz LED verde parpadea cuando responde el radio de destino. La pantalla muestra el alias de destino.

## 5 La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado. Escuchará un tono breve. La pantalla muestra Llamada finalizada.

Tanto el iniciador de la llamada como el destinatario pueden interrumpir una llamada privada en curso

presionando .

Consulte [Asignación de entradas a teclas numéricas programables en la página 528](#) para obtener más información.

### 5.6.3.3

## Realización de llamadas privadas mediante la búsqueda por alias

También puede realizar una búsqueda por alias o alfanumérica para recuperar el alias del suscriptor deseado. Esta característica solo puede aplicarse mientras está en Contactos.



### AVISO:

Presione  el botón o  para salir de la búsqueda de alias.

1

Presione  para obtener acceso al menú.

- 2 Presione  o  para acceder a **Contactos**.

Presione  para realizar la selección.

La pantalla muestra las entradas en orden alfabético.

- 3 Escriba el primer carácter del alias deseado.

La pantalla muestra un cursor intermitente.

- 4 Ingrese el resto de los caracteres del alias deseado.

La búsqueda de alias distingue entre mayúsculas y minúsculas. Si hay dos o más entradas con el mismo nombre, la pantalla muestra la entrada que aparece primero en la lista.

La primera línea de texto muestra los caracteres que ingresó. Las siguientes líneas de texto muestran los resultados abreviados de la búsqueda.

- 5 Presione el botón **PTT** para realizar la llamada.

La luz LED verde se enciende. En la pantalla, se muestra el ID de destino, el tipo de llamada y el ícono **Llamada privada**.

- 6 Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.

- 7 Suelte el botón **PTT** para escuchar.

La luz LED verde parpadea cuando responde el radio de destino.

- 8 La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado. Escuchará un tono breve. La pantalla muestra **Llamada finalizada**.

Tanto el iniciador de la llamada como el destinatario pueden interrumpir una llamada privada en curso

presionando .

### 5.6.3.4

## Realizar una llamada privada con el botón Llamada instantánea

La función de llamada instantánea le permite realizar fácilmente una llamada privada a un alias o ID de Llamada

privada predefinido. Esta función puede asignarse a una pulsación breve o prolongada de un botón programable.

Solo puede asignar un alias o ID a un botón de llamada instantánea. El radio puede tener varios botones programados Llamada instantánea.

- 1 Presione el botón **Llamada instantánea** para efectuar una Llamada privada al alias o ID de llamada privada predefinido.

- 2 Presione el botón **PTT** para realizar la llamada.

El LED se ilumina en color verde fijo.

La pantalla muestra el alias o ID de la llamada privada.

- 3 Espere a que el tono de permiso para hablar deje de sonar (si está activado) y hable claramente al micrófono.

- 4 Suelte el botón **PTT** para escuchar.

Cuando el radio de destino responda, el LED parpadeará en verde.

Si no hay actividad de voz durante un período de tiempo predeterminado, la llamada finaliza.

Tanto el iniciador de la llamada como el destinatario pueden interrumpir una llamada privada en curso

presionando .

### 5.6.3.5

## Realización de llamadas privadas mediante la marcación manual

- 1 Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para acceder a Contactos.

Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para ir a Marcación manual.

Presione  para realizar la selección.

- 4 Presione  o  para ir a Número de radio.

Presione  para realizar la selección.

---

- 5 Realice uno de los siguientes pasos:

- Ingrese el ID del suscriptor y presione  para continuar.
  - Edite el ID del suscriptor marcado previamente y presione  para continuar.
- 

- 6 Presione el botón **PTT** para realizar la llamada.

La luz LED verde se enciende. La pantalla muestra el alias de destino.

---

- 7 Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
- 

- 8 Suelte el botón **PTT** para escuchar.

El LED verde se ilumina cuando responde el radio de destino. En la pantalla, se muestra el ID o el alias del usuario que realiza la transmisión.

---

- 9 Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder. Presione el botón **PTT** para responder la llamada.

La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado. Se emite un tono. La pantalla muestra **Llamada finalizada**.

Tanto el iniciador de la llamada como el destinatario pueden interrumpir una llamada privada en curso

presionando .

---

### 5.6.3.6

## Recibir llamadas privadas

Cuando recibe llamadas privadas con Configuración de la llamada fuera de aire (OACSU):

- El LED verde parpadea.

- El ícono **Llamada privada** aparece en la esquina superior derecha.
- En la primera línea de texto se muestra el alias de la persona que llama.
- Se activa el sonido del radio, y la llamada entrante se emite a través del altavoz.

**AVISO:**

Según la configuración del radio, ya sea OACSU o Configuración de llamadas totalmente fuera del aire (FOACSU), la respuesta a las llamadas privadas puede o no requerir confirmación del usuario.

En el caso de la configuración OACSU, el radio activa el sonido y la llamada se conecta automáticamente.

**5.6.3.7****Aceptar llamadas privadas**

Cuando recibe llamadas privadas con una Configuración de llamadas totalmente fuera del aire (FOACSU):

- El LED verde parpadea.
- El ícono **Llamada privada** aparece en la esquina superior derecha.

- En la primera línea de texto se muestra el alias de la persona que llama.

- 1 Para aceptar una llamada privada configurada con FOACSU, realice una de las siguientes acciones:

- Presione ▲ o ▼ para aceptar y presione



para responder una llamada privada.

- Presione el botón **PTT** en cualquier entrada.

La luz LED verde se enciende.

- 2 Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.

- 3 Suelte el botón **PTT** para escuchar.



La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado. Se emite un tono. La pantalla muestra **Llamada finalizada**.



### **AVISO:**

Tanto el iniciador de la llamada como el destinatario pueden interrumpir una llamada

privada en curso presionando .

- Presione  o  para rechazar y presione



para rechazar una llamada privada.

- Presione  para rechazar una llamada privada.

#### 5.6.3.8

### Rechazar llamadas privadas

Cuando recibe llamadas privadas con una Configuración de llamadas totalmente fuera del aire (FOACSU):

- El LED verde parpadea.
- El ícono **Llamada privada** aparece en la esquina superior derecha.
- En la primera línea de texto se muestra el alias de la persona que llama.

Para rechazar una llamada privada configurada con FOACSU, realice una de las siguientes acciones:

#### 5.6.4

### Llamadas generales

Una llamada general es una llamada de un radio individual a todos los radios del sitio o a todos los radios en un grupo de sitios, según la configuración del sistema.

Una llamada general se utiliza para realizar avisos importantes, que requieren una especial atención por parte del usuario. Los usuarios del sistema no pueden responder a una llamada general.

Capacity Max es compatible con la llamada general del sitio y la llamada general de múltiples sitios. El

administrador del sistema puede configurar una o ambas opciones en el radio.



#### AVISO:

Los suscriptores pueden admitir el tipo de llamadas generales en todo el sistema, pero la infraestructura de Motorola Solutions no es compatible.

#### 5.6.4.1

### Realización de llamadas generales

El radio debe estar programado para poder realizar una llamada general.

- 1 Seleccione un canal con el alias o ID de grupo de llamada general. Consulte [Selección de un tipo de llamada en la página 89](#).

- 2 Presione el botón **PTT** para realizar la llamada.  
La luz LED verde se enciende. En la pantalla, aparece el ícono **Llamada de grupo** y Todas las llamadas, Llamada a todos en el sitio o Llamada multisitio, según el tipo de configuración.

- 3 Realice uno de los siguientes pasos:

- Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
- Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.

Los usuarios del canal no pueden responder a una llamada general.

El iniciador de la llamada puede presionar  para finalizar la llamada general.

#### 5.6.4.2

### Realización de llamadas generales mediante la tecla numérica programable

Siga el procedimiento para realizar llamadas generales en el radio mediante la tecla numérica programable.

- 1 Presione de forma prolongada la tecla numérica programada asignada al alias o ID predefinidos cuando se encuentre en la pantalla Inicio.

Si se asigna una tecla numérica a una entrada en un modo particular, esta función no se permite al

realizar la presión prolongada de la tecla numérica en otro modo.

Suena un tono indicador negativo si la tecla numérica no está asociada a una entrada.

---

### 2 Presione el botón **PTT** para realizar la llamada.

La luz LED verde se enciende. La pantalla muestra el ícono **Llamada grupal** y Llamada general, All Call en sitio o Llamada multisitio, según el tipo de configuración.

---

### 3 Realice uno de los siguientes pasos:

- Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
- Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.

El iniciador de la llamada puede presionar  para finalizar la llamada general.

---

Para obtener más información, consulte [Asignación de entradas a teclas numéricas programables en la página 528](#).

#### 5.6.4.3

### Realización de llamadas generales mediante la búsqueda de alias

También puede realizar una búsqueda por alias o alfanumérica para recuperar el alias del suscriptor requerido. Esta característica solo puede aplicarse mientras está en Contactos. Siga el procedimiento para realizar llamadas generales en el radio mediante la búsqueda de alias.



#### AVISO:

Presione  el botón o  para salir de la búsqueda de alias.

1

Presione  para obtener acceso al menú.

2

Presione  o  para acceder a Contactos.

Presione  para realizar la selección.

La pantalla muestra las entradas en orden alfabético.

---

- 3 Escriba el primer carácter del alias deseado.  
La pantalla muestra un cursor intermitente.

- 4 Ingrese el resto de los caracteres del alias deseado.

La búsqueda de alias distingue entre mayúsculas y minúsculas. Si hay dos o más entradas con el mismo nombre, la pantalla muestra la entrada que aparece primero en la lista.

La primera línea de texto muestra los caracteres que ingresó. Las siguientes líneas de texto muestran los resultados abreviados de la búsqueda.

- 5 Presione el botón **PTT** para realizar la llamada.

La luz LED verde se enciende. En la pantalla se muestra la ID de destino, el tipo de llamada y el ícono de **Llamada grupal**.

- 6 Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.



#### AVISO:

El iniciador de la llamada puede presionar



para finalizar la llamada general.

#### 5.6.4.4

### Recepción de llamadas generales

Cuando recibe una llamada general, ocurre lo siguiente:

- Se emite un tono.
- El LED verde parpadea.
- La pantalla muestra el ícono de **Llamada de grupo** en la esquina superior derecha.
- La primera línea de texto muestra el ID del alias de la persona que llama.
- La segunda línea de texto muestra **Llamada general**, **All Call en sitio** o **Llamada multisitio**, según el tipo de configuración.
- Se activa el sonido del radio, y la llamada entrante se emite a través del altavoz.

El radio vuelve a la pantalla antes de recibir la llamada general cuando finaliza la llamada.

Si la función de indicación de canal libre está activada, escuchará un breve tono de alerta en el momento en que el radio transmisor suelte el botón **PTT**, lo que indica que el canal está libre para que lo use. No puede responder a una llamada general.



### AVISO:

El radio deja de recibir la llamada general, si cambia a un canal diferente mientras recibe la llamada. Durante una llamada general, no puede continuar con la navegación por los menús o ni con la edición hasta que finalice la llamada.

## 5.6.5

### Llamadas telefónicas

Una llamada telefónica es una llamada entre un radio individual o un grupo de radios y un teléfono.

Según la configuración del radio, las siguientes funciones podrían estar disponibles o no disponibles:

- Código de acceso
- Tono DTMF (Doble tono de multifrecuencia)
- Código de salida
- Visualización de alias o ID de la persona que llama en una llamada telefónica entrante

- Capacidad para aceptar o rechazar una llamada telefónica

La función de llamada telefónica se puede activar mediante la asignación y la configuración de los números de teléfono en el sistema. Consulte al administrador del sistema para determinar cómo fue programado el radio.

## 5.6.5.1

### Realización de llamadas telefónicas

Siga el procedimiento para realizar llamadas telefónicas en el radio.

- 1 Realice uno de los siguientes pasos:

- Presione el botón programado **Teléfono** para ingresar a la lista de entradas del teléfono.
- Presione el botón programado **Acceso instantáneo**. Continúe con [paso 2](#).

- 2 Presione ▲ o ▼ para obtener acceso al alias o ID

requeridos. Presione  para realizar la selección.

Si presiona el botón **PTT**, cuando se encuentre en la pantalla Contactos telefónicos:

- Suena un tono indicador negativo.
- La pantalla muestra Pulse OK para realizar llamada telefónica.

La pantalla muestra Código de acceso: si el código de acceso no se configuró previamente.

---

### 3

Ingresa el código de acceso y presione  para continuar.

El código de acceso, o de anulación de acceso, no puede tener más de 10 caracteres.

---

### 4 Presione el botón **PTT** para realizar la llamada.

La luz LED verde se enciende. En la pantalla aparece el ícono de **Llamada telefónica**, el alias del suscriptor y el estado de la llamada.

Si la llamada se realiza correctamente:

- Suena el tono DTMF.
- Se escucha el tono de llamada en espera en el teléfono del usuario.
- En la pantalla se muestra el alias del suscriptor y el ícono de **Llamada telefónica**.

Si la llamada no se realiza correctamente:

- Se emite un tono.
- En la pantalla aparece Llamada telefónica fallida y, a continuación, Código de acceso:.
- Si el código de acceso se configuró previamente en la lista Contactos, el radio vuelve a la pantalla donde estaba antes de iniciar la llamada.

---

### 5 Presione el botón **PTT** para responder la llamada.

---

### 6 Suelte el botón **PTT** para escuchar.

---

### 7 Ingresa dígitos adicionales con el teclado, si lo

solicita la llamada, y presione  para continuar.

Si la llamada finaliza mientras se están ingresando los dígitos adicionales que solicitó la llamada, el radio vuelve a la pantalla en que estaba antes de iniciar la llamada.

Suena el tono DTMF. El radio vuelve a la pantalla anterior.

---

8

Presione  para finalizar la llamada.

9 Realice uno de los siguientes pasos:

- Si el código de salida no se configuró previamente, ingréselo cuando la pantalla muestre `Código de anulación de acceso:` y presione  para continuar. El radio regresa a la pantalla anterior.
- Presione el botón programado **Acceso instantáneo**. Si la entrada para el botón **Acceso instantáneo** está vacía, se emite un tono indicador negativo.

Se emite el tono DTMF y la pantalla muestra `Finalizando llamada.`

Si la llamada finaliza correctamente:

- Se emite un tono.
- La pantalla muestra `Llamada finalizada.`

Si la llamada no se finaliza correctamente, el radio vuelve a la pantalla `Lmda. telef. Repita los dos últimos pasos o espere a que el usuario del teléfono finalice la llamada.`

5.6.5.2

## Realización de llamadas telefónicas con el botón programable

Siga el procedimiento para hacer llamadas telefónicas con el botón programable.

- 1 Presione el botón programado **Teléfono** para ingresar a la lista de entradas del teléfono.
- 2 Presione  o  para obtener acceso al alias o ID

requeridos. Presione  para realizar la selección.

Si el código de acceso no se preconfiguró en la lista `Contactos`, la pantalla muestra `Código de acceso:`. Ingrese el código de acceso y presione el botón

 para continuar.

La luz LED verde se enciende. En la pantalla se muestra el ícono de **Llamada telefónica**, el alias o la ID del suscriptor y el estado de la llamada.

Si la configuración de llamada se realiza correctamente:

- Suena el tono DTMF.

- Se escucha el tono de llamada en espera en el teléfono del usuario.
- En la pantalla aparece el ícono de **Llamada telefónica**, el alias o el ID del suscriptor, Llamada telefónica y el estado de la llamada.

Si la configuración de llamada no se realiza correctamente:

- Se emite un tono.
- En la pantalla aparece Error en llamada telefónica.
- El radio regresa a la pantalla de entrada del código de acceso. Si el código de acceso se configuró previamente en la lista de Contactos, el radio vuelve a la pantalla donde estaba antes de iniciar la llamada.

---

**3** Presione el botón **PTT** para hablar. Suelte el botón **PTT** para escuchar.

---

- 4** Si se le solicita ingresar más dígitos en la llamada telefónica. Realice uno de los siguientes pasos:
- Presione cualquier tecla para comenzar la entrada de los dígitos adicionales. En la pantalla

se muestra **Dígitos adicionales:** y aparece un cursor intermitente. Ingrese los dígitos

adicionales y presione el botón  para continuar. Se emite el tono DTMF y el radio vuelve a la pantalla anterior.

- Presione el botón de **acceso instantáneo**. Suena el tono DTMF. Si la entrada para el botón **Acceso instantáneo** está vacía, se emite un tono indicador negativo.

---

**5**

Presione  para finalizar la llamada.

Si el código de salida no se preconfiguró en la lista de Contactos, la pantalla muestra **Código de salida:**. Ingrese el código de salida y presione el

botón  para continuar.

Se emite el tono DTMF y la pantalla muestra **Finalizando llamada telefónica**.

Si la configuración de finalización de llamada se realiza correctamente, se emite un sonido y la pantalla muestra **Llamada finalizada**.



Si la configuración de finalización de llamada no se realiza correctamente, el radio vuelve a la pantalla de Llamada telefónica. Repita [paso 3](#) y [paso 5](#) o espere que el usuario del teléfono finalice la llamada.

Si presiona el botón **PTT** mientras está en la pantalla Contactos telefónicos, se emite un tono y en la pantalla aparece Presione Aceptar para realizar llamada.

Cuando el usuario del teléfono finaliza la llamada, se emite un tono y en la pantalla aparece Llamada telefónica finalizada.

Si la llamada finaliza mientras se están ingresando los dígitos adicionales que solicitó la Llamada telefónica, el radio vuelve a la pantalla en que estaba antes de iniciar la llamada.



### AVISO:

Durante el acceso al canal, presione  para que desaparezca el intento de llamada, y se emitirá un tono.

Durante la llamada, si presiona el botón de **acceso instantáneo** con el código de restablecimiento preconfigurado o ingresa el código de restablecimiento durante el ingreso de dígitos adicionales, su radio intentará finalizar la llamada.

#### 5.6.5.3

### Realización de llamadas telefónicas mediante la lista de contactos

Siga el procedimiento para realizar llamadas telefónicas en el radio mediante la lista de contactos.

1

Presione  para obtener acceso al menú.

## 2 Presione ▲ o ▼ para acceder a

Contactos. Presione  para realizar la selección.

La pantalla muestra las entradas en orden alfabético.

---

## 3 Presione ▲ o ▼ para obtener acceso al alias o ID

requeridos. Presione  para realizar la selección.

Si presiona el botón **PTT**, cuando se encuentre en la pantalla Contactos telefónicos:

- Suena un tono indicador negativo.
- En la pantalla se muestra Presione Aceptar para realizar llamada.

Si la entrada seleccionada está vacía:

- Suena un tono indicador negativo.
  - La pantalla muestra Número de llamada telefónica no válido.
- 

## 4 Presione ▲ o ▼ para Llamar a un teléfono.

Presione  para realizar la selección.

La pantalla muestra Código de acceso: si el código de acceso no se configuró previamente.

---

## 5

Ingrese el código de acceso y presione  para continuar.

El código de acceso o de restablecimiento no puede tener más de 10 caracteres.

En la pantalla se muestra Llamando, el alias o la ID del suscriptor y el ícono de **Llamada telefónica**.

Si la llamada se realiza correctamente:

- Suena el tono DTMF.
- Se escucha el tono de llamada en espera en el teléfono del usuario.
- En la pantalla se muestra el alias o la ID del suscriptor, el ícono de **Llamada telefónica** y Llamada telefónica.

Si la llamada no se realiza correctamente:

- Se emite un tono.

- La pantalla muestra Llamada telefónica fallida y, a continuación, Código de acceso:.
- El radio regresa a la pantalla en la que estaba antes de iniciar la llamada si el código de acceso se configuró previamente en la lista de contactos.

---

**6** Presione el botón **PTT** para responder la llamada.

El ícono **RSSI** desaparece.

---

**7** Suelte el botón **PTT** para escuchar.

---

**8** Ingrese dígitos adicionales con el teclado si lo

solicita la llamada y presione  para continuar.

Si la llamada finaliza mientras se están ingresando los dígitos adicionales que solicitó la llamada telefónica, el radio vuelve a la pantalla en la que estaba antes de iniciar la llamada.

Suena el tono DTMF. El radio vuelve a la pantalla anterior.

---

**9**

Presione  para finalizar la llamada.

**10** Si el código de salida no se configuró previamente, ingréselo cuando la pantalla muestre Código de

anulación de acceso: y presione  para continuar.

El radio regresa a la pantalla anterior. Se emite el tono DTMF y la pantalla muestra Finalizando llamada.

Si la llamada finaliza correctamente:

- Se emite un tono.
- La pantalla muestra Llamada finalizada.

Si la llamada no se finaliza correctamente, el radio vuelve a la pantalla Llmda. telef. Repita los pasos [paso 9](#) y [paso 10](#), o espere a que el usuario del teléfono finalice la llamada. Cuando presiona el botón PTT mientras está en la pantalla Contactos telefónicos, se emite un tono y la pantalla muestra Presione Aceptar para realizar llamada.

Cuando el usuario del teléfono finaliza la llamada, se emite un tono y la pantalla muestra Llamada telefónica finalizada.

Si la llamada finaliza mientras se están ingresando los dígitos adicionales que solicitó la llamada

telefónica, el radio vuelve a la pantalla en que estaba antes de iniciar la llamada.

#### 5.6.5.4

### Realización de llamadas telefónicas mediante la búsqueda de alias

También puede realizar una búsqueda por alias o alfanumérica para recuperar el alias del suscriptor deseado. Esta característica solo puede aplicarse mientras está en Contactos. Siga el procedimiento para realizar llamadas telefónicas con el radio mediante la búsqueda de alias.



#### AVISO:

Presione el botón  o  para salir de la búsqueda de alias.

1

Presione  para obtener acceso al menú.

2 Presione  o  para acceder a

Contactos. Presione  para realizar la selección.

La pantalla muestra las entradas en orden alfabético.

3 Escriba el primer carácter del alias deseado.

La pantalla muestra un cursor intermitente.

4 Ingrese el resto de los caracteres del alias deseado.

La búsqueda de alias distingue entre mayúsculas y minúsculas. Si hay dos o más entradas con el mismo nombre, la pantalla muestra la entrada que aparece primero en la lista.

La primera línea de texto muestra los caracteres que ingresó. Las siguientes líneas de texto muestran los resultados abreviados de la búsqueda.

5 Para realizar una llamada al alias requerido,

presione  .

- 6 Presione ▲ o ▼ para Llamar a un teléfono.

Presione  para realizar la selección.

La luz LED verde se enciende. En la pantalla se muestra la ID de destino, el tipo de llamada y el ícono de **Llamada telefónica**.

- 7 Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.

- 8 Suelte el botón **PTT** para escuchar.

La luz LED verde parpadea cuando responde el radio de destino.

- 9 Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder. Presione el botón **PTT** para responder la llamada.

La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado. Se emite un tono. La pantalla muestra Llamada finalizada.

#### 5.6.5.5

### Realización de llamadas telefónicas mediante la marcación manual

Siga el procedimiento para realizar llamadas telefónicas en el radio mediante la marcación manual.

- 1 Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para acceder a  
Contactos. Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para Marcación manual.  
Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para Número telefónico.  
Presione  para realizar la selección.

La pantalla muestra Número: y aparece un cursor intermitente.

5

Ingrese el número telefónico y presione  para continuar.

La pantalla muestra **Código de acceso:** y un cursor intermitente si el código de acceso no se ha configurado previamente.

6

Ingrese el código de acceso y presione  para continuar. El código de acceso o de restablecimiento no puede tener más de 10 caracteres.

La luz LED verde se enciende. En la pantalla se muestra el ícono de **Llamada telefónica**, el alias del suscriptor y el estado de la llamada.

Si la llamada se realiza correctamente:

- Suena el tono DTMF.
- Se escucha el tono de llamada en espera en el teléfono del usuario.
- En la pantalla se muestra el alias del suscriptor y el ícono de **Llamada telefónica**.

Si la llamada no se realiza correctamente:

- Se emite un tono.

- La pantalla muestra **Llamada telefónica fallida** y, a continuación, **Código de acceso:**.
- El radio regresa a la pantalla en la que se encontraba antes de iniciar la llamada si el código de acceso se configuró previamente en la lista de contactos.

---

7 Presione el botón **PTT** para responder la llamada.

---

8 Suelte el botón **PTT** para escuchar.

---

9 Ingrese dígitos adicionales con el teclado si lo

solicita la llamada y presione  para continuar.

Si la llamada finaliza mientras se están ingresando los dígitos adicionales que solicitó la llamada, el radio vuelve a la pantalla en que estaba antes de iniciar la llamada.

Suena el tono DTMF. El radio vuelve a la pantalla anterior.

---

10

Presione  para finalizar la llamada.

---

### 11 Realice uno de los siguientes pasos:

- Si el código de salida no se configuró previamente, ingréselo cuando la pantalla muestre **Código de anulación de acceso:** y presione  para continuar. El radio regresa a la pantalla anterior.
- Presione el botón programado **Acceso instantáneo**. Si la entrada para el botón **Acceso instantáneo** está vacía, se emite un tono indicador negativo.

Se emite el tono DTMF y la pantalla muestra **Finalizando llamada**.

Si la llamada finaliza correctamente:

- Se emite un tono.
- La pantalla muestra **Llamada finalizada**.

Si la llamada no se finaliza correctamente, el radio vuelve a la pantalla **Lmda. telef. Repita paso 10** o espere a que el usuario del teléfono finalice la llamada.

## Doble tono de multifrecuencia

La función de doble tono de multifrecuencia (DTMF) permite que el radio funcione en un sistema de radio con una conexión a sistemas telefónicos.

Desactivar todos los tonos de radio y las alertas desactivará automáticamente el tono DTMF.

### 5.6.5.6.1

## Inicio de un tono DTMF

Siga el procedimiento para iniciar un tono DTMF en el radio.

#### 1 Mantenga presionado el botón **PTT**.

---

#### 2 Realice uno de los siguientes pasos:

- Ingrese el número deseado para iniciar un tono DTMF.
  - Presione  para iniciar un tono DTMF.
  - Presione  para iniciar un tono DTMF.
-

## 5.6.5.7

## Respuesta a llamadas telefónicas como llamadas generales

Al recibir una llamada telefónica como una llamada general, el radio receptor no puede responder. El destinatario tampoco puede terminar la llamada general.

Cuando recibe una llamada telefónica como una llamada general:

- La pantalla muestra el ícono **Llamada telefónica** en la esquina superior derecha.
- La pantalla muestra Llamada general, All Call en sitio o Llamada multisitio, según el tipo de configuración, y Llamada telefónica.
- El LED verde parpadea.
- Se activa el sonido del radio, y la llamada entrante se emite a través del altavoz.

## 5.6.5.8

## Respuesta a llamadas telefónicas como llamadas de grupo

Siga el procedimiento para responder llamadas telefónicas como llamadas de grupo en el radio.

Cuando recibe una llamada telefónica como una llamada de grupo:

- En la pantalla se muestra el ícono de **Llamada telefónica** y Llamada telefónica.
- El LED verde parpadea.
- Se activa el sonido del radio, y la llamada entrante se emite a través del altavoz.

1 Presione el botón **PTT** para responder la llamada.

2 Suelte el botón **PTT** para escuchar.

3

Presione  para finalizar la llamada.



### AVISO:

El radio no puede finalizar una llamada telefónica como una llamada de grupo. El usuario del teléfono debe finalizar la llamada. El destinatario solo puede responder durante la llamada.

La pantalla muestra Finalizando llamada telefónica.

Si la llamada finaliza correctamente:

- Se emite un tono.



- La pantalla muestra `Llamada finalizada`.

Si la llamada no se finaliza correctamente, el radio vuelve a la pantalla `Llmda. telef.` Repita **paso 3** o espere a que el usuario del teléfono finalice la llamada.

### 5.6.5.9

## Respuesta a llamadas telefónicas como llamadas privadas

Siga el procedimiento para responder llamadas telefónicas como llamadas privadas en el radio.

Cuando recibe una llamada telefónica como una llamada privada:

- En la pantalla se muestra el ícono de **Llamada telefónica** y `Llamada telefónica`.
- El LED verde parpadea.
- Se activa el sonido del radio, y la llamada entrante se emite a través del altavoz.

**1** Presione el botón **PTT** para responder la llamada.

**2** Suelte el botón **PTT** para escuchar.

**3**

Presione  para finalizar la llamada.



### **AVISO:**

El radio no puede finalizar una llamada telefónica como una llamada de grupo. El usuario del teléfono debe finalizar la llamada. El destinatario solo puede responder durante la llamada.

La pantalla muestra `Finalizando llamada telefónica`.

Si la llamada finaliza correctamente:

- Se emite un tono.
- La pantalla muestra `Llamada finalizada`.

Si la llamada no se finaliza correctamente, el radio vuelve a la pantalla `Llmda. telef.` Repita **paso 3** o espere a que el usuario del teléfono finalice la llamada.

## 5.6.6

## Inicio de la interrupción de transmisión

Una llamada en curso se interrumpe cuando realiza las siguientes acciones:

- Presione el botón **PTT de voz**.
- Presione el botón de **emergencia**.

---

En el radio receptor, se muestra Llamd. interrump..

## 5.6.7

## Sustitución de llamada

La sustitución de llamada permite que un radio detenga cualquier transmisión de voz en curso e inicie una transmisión de prioridad.

Con la función de sustitución de llamada, el sistema interrumpe las llamadas en curso y se anticipa a ellas en aquellos casos en donde no haya canales troncalizados disponibles.

Las llamadas de mayor prioridad, como una llamada de emergencia o una llamada general, se anticipan en el radio transmisor. Si no hay otros canales de radiofrecuencia

(RF) disponibles, una llamada de emergencia también se anticipa a una llamada general.

## 5.6.8

## Interrupción de voz

La interrupción de voz permite al usuario apagar una transmisión de voz en curso.

Esta función utiliza señalización por canal inversa para detener la transmisión de voz en curso del radio, si el radio interruptor está configurado para interrupción de voz y el radio transmisor está configurado para llamada de voz que puede interrumpirse. Luego, se permite que el radio interruptor realice una transmisión de voz al participante en la llamada detenida.

La función de interrupción de voz mejora considerablemente la probabilidad de transmisión correcta y ofrece una nueva transmisión a las partes especificadas si hay una llamada en curso.

El usuario puede acceder a la función Interrumpir voz solo si dicha función se ha configurado en el radio. Para obtener más información, consulte a su proveedor o administrador del sistema.

### 5.6.8.1

## Activación de la interrupción de voz

Siga el procedimiento para iniciar una interrupción de voz en el radio.

El radio debe estar programado para poder utilizar esta función. Para obtener más información, comuníquese con el distribuidor o administrador del sistema.

- 1 Para interrumpir la transmisión durante una llamada en curso, presione el botón **PTT**.

En un radio en el que se ha producido una interrupción, la pantalla muestra **Llamada interrumpida**. El radio emite un tono indicador negativo hasta que se suelta el botón **PTT**.

- 2 Espere una confirmación.

Si se realizó correctamente:

- Suena un tono indicador positivo.

Si no se realiza correctamente:

- Suena un tono indicador negativo.

- 3 Realice uno de los siguientes pasos:

- Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
- Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.

### 5.7

## Facilidades avanzadas

En este capítulo, se explican las operaciones de las funciones disponibles en el radio.

Es posible que el distribuidor o administrador del sistema haya personalizado el radio para que se adapte a sus necesidades específicas. Para obtener más información, consulte a su proveedor o administrador del sistema.

### 5.7.1

## Llamadas en fila

Quando no hay recursos disponibles para procesar una llamada, la función Llamadas en fila permite que la solicitud de llamada se coloque en la fila del sistema para los siguientes recursos disponibles.

Se escucha un tono de fila de llamadas después de presionar el botón **PTT** y en la pantalla del radio aparece el mensaje *Llamada en espera* lo que indica que el radio ingresó en el estado Fila de llamada. Se puede soltar el botón **PTT** una vez que se oye el tono de fila de llamadas.

Si la configuración de la llamada se ha realizado con éxito, ocurrirá lo siguiente:

- El LED verde parpadea.
- Si está activado, suena el tono de permiso para hablar.
- En la pantalla aparece el ID o alias del ícono del tipo de llamada.
- El usuario del radio tiene hasta 4 segundos para presionar el botón **PTT** para comenzar la transmisión de voz.

Si la configuración de la llamada no se ha realizado correctamente, ocurrirá lo siguiente:

- Si está activado, suena el tono de rechazo.
- En la pantalla aparece momentáneamente el aviso de falla.
- Finaliza la llamada y el radio sale de la configuración de la llamada.

### 5.7.2

## Llamada de prioridad

Llamada de prioridad permite que el sistema cambie una de las llamadas salientes sin prioridad y que inicie la llamada solicitada de alta prioridad cuando todos los canales estén ocupados.

Cuando todos los canales estén ocupados con llamadas de alta prioridad, el sistema no reemplaza ninguna llamada y ubica la solicitud de llamada de alta prioridad en la fila de llamadas. Si el sistema no logra ubicar la solicitud de llamada de alta prioridad en la fila de llamadas, declara una falla.

La configuración predeterminada para Llamada de prioridad se configura previamente. Presione el botón programable para alternar entre un nivel de prioridad normal y alto. Cuando utilice las siguientes funciones, el nivel de prioridad de llamada vuelve automáticamente a la configuración previamente programada.

- Todas las llamadas de voz
- Mensaje de texto DMR III/mensaje de texto
- Ficha de trabajo
- Monitor remoto

A continuación, indicamos los tipos de llamada de prioridad:

### Prioridad alta

El radio muestra Llamada siguiente: Alta prioridad.

El ícono **Alta prioridad de llamada** aparece en la parte superior de la pantalla del radio.

El anuncio de voz reproduce el sonido de llamada siguiente: Prioridad alta.

### Prioridad normal

El radio muestra Llamada siguiente: Prioridad normal.

El ícono **Alta prioridad de llamada** desaparece.

El anuncio de voz reproduce el sonido de llamada siguiente: Prioridad normal.

### 5.7.3

## Escaneo del grupo de conversación

Esta función permite al radio monitorear y unirse a llamadas de grupos que define una lista de grupo de recepción.

Cuando se habilita el rastreo, el radio activa el volumen de cualquier miembro en su lista de grupo de recepción.

Cuando se desactiva el rastreo, el radio no recibe transmisiones de ninguno de los miembros de la lista de grupo de recepción, excepto de llamada general, grupo de conversación permanente y grupo de conversación seleccionado.

### 5.7.3.1

## Activación o desactivación de Rastreo de grupo de conversación

Siga el procedimiento para activar o desactivar Rastreo de grupo de conversación.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para acceder a Rastreo.  
Presione  para realizar la selección.
- 3 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para Encender. Presione



para realizar la selección.

- Presione ▲ o ▼ para Apagar. Presione



para realizar la selección.

---

Si el rastreo está activado:

- En la pantalla se muestra `Rastreo activado` y el ícono **Rastreo**.
- El indicador LED parpadea en color amarillo.
- Suena un tono indicador positivo.

Si el rastreo está desactivado:

- La pantalla muestra `Rastreo desactivado`.
- El ícono **Rastreo** desaparece.
- El LED se apaga.
- Suena un tono indicador negativo.

#### 5.7.4

## Lista de grupo de recepción

La lista de grupo de recepción es una función que permite crear y asignar miembros a la lista de scan del grupo de conversación.

Esta lista se crea cuando se programa el radio y determina qué grupos se pueden rastrear. El radio puede admitir un máximo de hasta 16 miembros en la lista.

Si el radio se programó para poder editar la lista de rastreo, puede:

- Agregar o eliminar grupos de conversación.
- Agregar, eliminar o editar la prioridad para grupos de conversación. Consulte [Edición de la prioridad de un grupo de conversación en la página 131](#).
- Agregar, eliminar o editar grupos de conversación de afiliación. Consulte [Adición de la afiliación del grupo de conversación en la página 132](#) y [Eliminación de la afiliación del grupo de conversación en la página 133](#).
- Reemplazar la lista de rastreo existente por una nueva.

Si se programa un grupo de conversación como permanente, no puede editarlo desde la lista de rastreo.

**IMPORTANTE:**

Para agregar miembros a la lista, primero se debe configurar el grupo de conversación en el radio.

**AVISO:**

El administrador del sistema programa la lista de grupo de recepción. Para obtener más información, consulte a su proveedor o administrador del sistema.

### 5.7.5

## Monitoreo de prioridad

La característica Monitor de prioridad permite que el radio reciba automáticamente la transmisión desde grupos de conversación con mayor prioridad, aunque el radio esté en una llamada de grupo de conversación.

El radio sale de una llamada de grupo de conversación de menor prioridad para ir a una de mayor prioridad.

**AVISO:**

Solo es posible acceder a esta función cuando está activada la opción Rastreo de grupo de conversación.

La función de Monitor de prioridad se aplica solo a miembros de la lista de grupo de recepción. Hay dos grupos de conversación prioritarios: Prioridad 1 (P1) y Prioridad 2 (P2). P1 tiene mayor prioridad que P2. En un sistema Capacity Max, el radio recibe la transmisión de acuerdo con el orden de prioridad a continuación:

- 1 Llamada de emergencia para el grupo de conversación P1
- 2 Llamada de emergencia para el grupo de conversación P2
- 3 Llamada de emergencia para grupos de conversación no prioritarios en la lista de grupo de recepción
- 4 Llamada general
- 5 Llamada de grupo de conversación P1
- 6 Llamada de grupo de conversación P2
- 7 Grupos de conversación no prioritarios en la lista de grupo de recepción

Consulte [Edición de la prioridad de un grupo de conversación en la página 131](#) para obtener más información sobre cómo agregar, eliminar o modificar la

prioridad de los grupos de conversación en la lista de rastreo.



#### AVISO:

Esta función la programa el administrador del sistema. Para obtener más información, consulte a su proveedor o administrador del sistema.

#### 5.7.5.1

### Edición de la prioridad de un grupo de conversación

En el menú Rastreo de grupo de conversación, puede ver o modificar la prioridad de un grupo de conversación.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para acceder a Rastreo.  
Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para acceder a Ver/editar lista. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para acceder al grupo de conversación necesario. Presione  para realizar la selección.  
  
La prioridad actual se indica mediante un ícono de **Prioridad 1** o **Prioridad 2** al lado del grupo de conversación.

---

- 5 Presione ▲ o ▼ para acceder a Editar prioridad. Presione  para realizar la selección.

---

- 6 Presione ▲ o ▼ hasta el nivel de prioridad requerido. Presione  para realizar la selección.  
  
Si otro grupo de conversación se ha asignado a Prioridad 1 o Prioridad 2, puede elegir sobrescribir la prioridad actual. Cuando la pantalla muestre ¿Reemplazar?, presione ▲ o ▼ para acceder a las siguientes opciones:
  - No para regresar al paso anterior.



- Sí para sobrescribir.

La pantalla muestra un miniaviso positivo antes de volver a la pantalla anterior. El ícono de prioridad aparece junto al grupo de conversación.

### 5.7.6

## Afiliación de grupos de conversación múltiples

El radio se puede configurar para hasta siete grupos de conversación en un sitio.

De los 16 grupos de conversación en la lista de grupo de recepción, es posible asignar hasta siete grupos de conversación como grupos de conversación de afiliación. El grupo de conversación seleccionado y los grupos de conversación prioritarios se afilian automáticamente.

### 5.7.6.1

## Adición de la afiliación del grupo de conversación

Siga el procedimiento para agregar una afiliación de grupo de conversación.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para acceder a Rastreo.  
Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para acceder a Ver/editar lista. Presione  para realizar la selección.
- 4 Presione ▲ o ▼ para acceder al alias o el ID de grupo de llamadas requerido. Presione  para realizar la selección.  
El estado de afiliación aparece en Ver/editar lista. La pantalla muestra ■ junto al alias o el ID de grupo de llamadas seleccionado.
- 5 Presione ▲ o ▼ para acceder a Editar afiliación. Presione  para realizar la selección.
- 6 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para obtener acceso a Enc.

Presione  para realizar la selección.

- Presione ▲ o ▼ para Apag.. Presione  para realizar la selección.

Cuando se selecciona Enc, ■ aparece junto al alias o el ID de grupo de llamadas.

Si la afiliación es correcta, la pantalla muestra ✓ junto al alias o el ID de grupo de llamadas seleccionado.

Si la afiliación se realiza incorrectamente, ■ permanece junto al alias o el ID de grupo de llamadas.



#### AVISO:

El radio muestra Lista llena cuando se selecciona un máximo de siete grupos de conversación para la afiliación en la lista de scan. Para seleccionar un nuevo grupo de conversación para afiliación, quite un grupo de conversación afiliado existente para hacer espacio para la nueva incorporación. Para obtener más información, consulte [Eliminación de la afiliación del grupo de conversación en la página 133](#).

#### 5.7.6.2

### Eliminación de la afiliación del grupo de conversación

Cuando la lista de afiliación está llena y desea seleccionar un nuevo grupo de conversación para la afiliación, elimine un grupo de conversación afiliado existente para hacer espacio para la nueva incorporación. Siga el procedimiento para eliminar una afiliación de grupo de conversación.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para acceder a Rastreo.  
Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para acceder a Ver/editar lista. Presione  para realizar la selección.
- 4 Presione ▲ o ▼ para acceder al alias o el ID de grupo de llamadas requerido. Presione  para realizar la selección.

El estado de afiliación aparece en Ver/editar lista. La pantalla muestra  junto al alias o el ID de grupo de llamadas seleccionado.

- 5 Presione  o  para acceder a Editar

afiliación. Presione  para realizar la selección.

- 6 Presione  o  para Apag.. Presione  para realizar la selección.

Cuando se selecciona Apag,  desaparece junto al alias o al ID de grupo de llamadas.

### 5.7.7

## Responder

La función Responder le permite responder a una transmisión durante el rastreo.

Si el radio rastrea una llamada de la lista de scan de grupo seleccionable, y si se presiona el botón **PTT** durante la llamada rastreada, el funcionamiento del radio depende de si Responder estaba activado o desactivado durante la

programación del radio. Para obtener más información, consulte a su proveedor o administrador del sistema.

### Responder desactivado

El radio sale de la llamada rastreada e intenta transmitir el contacto para la posición del canal seleccionado en ese momento. Después de que caduca el tiempo de espera de la llamada en el contacto seleccionado en ese momento, el radio vuelve al canal inicial y se inicia el temporizador para el tiempo de espera de rastreo. El radio reanudará el rastreo del grupo después de que caduque el temporizador para tiempo de espera de rastreo.

### Responder activado

Si se presiona el botón **PTT** durante el tiempo de espera de grupo de la llamada rastreada, el radio intenta transmitir al grupo rastreado.



### AVISO:

Si rastrea una llamada de un grupo que no está asignado a una posición del canal de la zona seleccionada en ese momento y la llamada termina, cambie a la zona adecuada y luego seleccione la posición del canal del grupo para volver a hablar con ese grupo.

## 5.7.8

**misión crítica**

Esta función le permite usar el radio con un dispositivo (accesorio) compatible con Bluetooth mediante una conexión de Bluetooth. El radio es compatible tanto con dispositivos Motorola Solutions como con COTS (Artículos estándar disponibles en comercios) compatibles con Bluetooth.

La tecnología Bluetooth funciona dentro de un rango de 10 m (32 pies) desde la línea de visión. Es una ruta sin obstrucciones entre el radio y el dispositivo compatible con Bluetooth. Para un alto grado de confiabilidad, Motorola Solutions recomienda no separar el radio y el accesorio.

En las áreas con señal débil de recepción, tanto la calidad de la voz como la del tono comienzan a sonar “distorsionadas” o “interrumpidas”. Para corregir este problema, ubique el radio y el dispositivo compatible con Bluetooth a una distancia menor entre sí (dentro del rango definido de 10 m) para restablecer la recepción clara de audio. La función Bluetooth del radio tiene una potencia máxima de 2,5 mW (4 dBm) en el rango de 10 m.

Su radio permite hasta 3 conexiones Bluetooth simultáneas a dispositivos compatibles con Bluetooth de tipos

exclusivos. Por ejemplo, un auricular, un lector, un dispositivo sensor y un dispositivo solo para PTT (POD).

Consulte el manual del usuario del dispositivo habilitado para Bluetooth correspondiente si desea obtener más información sobre todas las funciones del dispositivo compatible con Bluetooth.

El radio se conecta al dispositivo compatible con Bluetooth con la potencia de señal más elevada o a uno al que se conectó anteriormente en una sesión previa dentro del rango. No apague el dispositivo compatible con Bluetooth

ni presione el botón de inicio  durante la operación de búsqueda y conexión, ya que esto cancela la operación.

## 5.7.8.1

**Activación o desactivación de Bluetooth**

Siga el procedimiento para activar y desactivar Bluetooth.

1

Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para ir a Bluetooth. Presione  para realizar la selección.
- 

- 3 Presione ▲ o ▼ para ir a Mi estado. Presione  para realizar la selección.
- La pantalla muestra Encendido y Apagado. El estado actual se indica mediante un ✓.
- 

- 4 Realice uno de los siguientes pasos:
- Presione ▲ o ▼ para obtener acceso a Enc.  
Presione  para realizar la selección. En la pantalla se muestra ✓ junto a Encendido.
  - Presione ▲ o ▼ para Apagado. Presione  para realizar la selección. En la pantalla se muestra ✓ junto a Apagado.
- 

#### 5.7.8.2

### Conexión a dispositivos Bluetooth

Siga el procedimiento para conectar dispositivos Bluetooth.

Encienda el dispositivo compatible con Bluetooth e ingrese al modo de emparejamiento.

- 1 Presione  para obtener acceso al menú.
- 
- 2 Presione ▲ o ▼ para Bluetooth. Presione  para realizar la selección.
- 
- 3 Presione ▲ o ▼ para Dispositivos. Presione  para realizar la selección.
- 
- 4 Realice uno de los siguientes pasos:
- Presione ▲ o ▼ para acceder al dispositivo requerido. Presione  para realizar la selección.
  - Presione ▲ o ▼ para acceder a Buscar dispositivos y localizar dispositivos disponibles. Presione ▲ o ▼ para acceder al dispositivo requerido. Presione  para realizar la selección.
-

5

Presione ▲ o ▼ para Conectar. Presione  para realizar la selección.

Es posible que el dispositivo compatible con Bluetooth requiera pasos adicionales para completar el emparejamiento. Consulte el manual de usuario correspondiente a su dispositivo con Bluetooth.

En la pantalla se muestra Conectando a <Dispositivo>.

Espere a que aparezca una confirmación.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- En la pantalla se muestra <Dispositivo> Conectado y el ícono **Bluetooth conectado**.
- La pantalla muestra ✓ junto al dispositivo conectado.

Si no se realiza correctamente:

- Suena un tono indicador negativo.
- La pantalla muestra Error de conexión.

### 5.7.8.3

## Conexión a dispositivos Bluetooth en el modo de detección

Siga el procedimiento para conectarse a dispositivos Bluetooth en el modo de detección.

Encienda el dispositivo compatible con Bluetooth e ingrese al modo de emparejamiento.

1

Presione  para obtener acceso al menú.

2

Presione ▲ o ▼ para Bluetooth. Presione  para realizar la selección.

3

Presione ▲ o ▼ para Encontrarme. Presione  para realizar la selección. Ahora el radio puede ser detectado por otros dispositivos compatibles con Bluetooth para una duración programada. Esto se denomina Modo visible.

Espere a que aparezca una confirmación.

Si se realizó correctamente:

- Suena un tono indicador positivo.

- En la pantalla se muestra <Dispositivo> Conectado y el ícono **Bluetooth conectado**.
- La pantalla muestra ✓ junto al dispositivo conectado.

Si no se realiza correctamente:

- Suena un tono indicador negativo.
- La pantalla muestra Error de conexión.

### 5.7.8.4

## Desconexión de dispositivos Bluetooth

Siga el procedimiento para desconectarse de dispositivos Bluetooth.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para Bluetooth. Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para Dispositivos. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para acceder al dispositivo requerido. Presione  para realizar la selección.

- 5 Presione ▲ o ▼ para Desconectar. Presione  para realizar la selección.

En la pantalla se muestra Desconexión de <Dispositivo>.

Espere a que aparezca una confirmación.

- Se emite un tono.
- En la pantalla se muestra <Dispositivo> desconectado y aparece el ícono **Bluetooth conectado**.
- ✓ desaparece de al lado de dispositivo conectado.

## 5.7.8.5

## Cambio de ruta de audio entre el altavoz interno del radio y el dispositivo Bluetooth

Siga el procedimiento para cambiar la ruta de audio entre el altavoz interno del radio y el dispositivo Bluetooth externo.

Presione el botón programado **Switch de audio Bluetooth**.

La pantalla muestra uno de los siguientes resultados:

- Se emite un tono. En la pantalla se muestra Enrutar audio a radio.
- Se emite un tono. En la pantalla se muestra Enrutar audio a Bluetooth.

## 5.7.8.6

## Visualización de detalles de dispositivos

Siga el procedimiento para ver los detalles del dispositivo en el radio.

1

Presione  para obtener acceso al menú.

2

Presione ▲ o ▼ para Bluetooth. Presione  para realizar la selección.

3

Presione ▲ o ▼ para Dispositivos. Presione  para realizar la selección.

4

Presione ▲ o ▼ para acceder al dispositivo requerido. Presione  para realizar la selección.

5

Presione ▲ o ▼ para acceder a Ver detalles. Presione  para realizar la selección.

## 5.7.8.7

## Edición del nombre de dispositivos

Siga el procedimiento para editar el nombre de los dispositivos habilitados para Bluetooth disponibles.



- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para Bluetooth. Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para Dispositivos. Presione  para realizar la selección.
- 4 Presione ▲ o ▼ para acceder al dispositivo requerido. Presione  para realizar la selección.
- 5 Presione ▲ o ▼ para acceder a Editar nombre. Presione  para realizar la selección.
- 6 Introduzca un nuevo nombre de dispositivo. Presione  para realizar la selección.  
La pantalla muestra Nombre del dispositivo guardado.

### 5.7.8.8

## Eliminación de un nombre de dispositivo

Puede quitar un dispositivo desconectado de la lista de dispositivos habilitados con Bluetooth.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para Bluetooth. Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para Dispositivos. Presione  para realizar la selección.
- 4 Presione ▲ o ▼ para acceder al dispositivo requerido. Presione  para realizar la selección.
- 5 Presione ▲ o ▼ para Borrar. Presione  para realizar la selección. La pantalla muestra Dispositivo eliminado.

## 5.7.8.9

## Ajuste de los valores de ganancia del micrófono con Bluetooth

Permite controlar el valor de ganancia del micrófono en dispositivos compatibles con Bluetooth conectados.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para acceder a Bluetooth.  
Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para Gan. micro BT. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para el tipo de ganancia del micrófono con Bluetooth y los valores actuales. Para editar valores, presione  para realizar la selección.

---

- 5 Presione ▲ o ▼ para aumentar o disminuir los valores. Presione  para realizar la selección.
- 

## 5.7.8.10

## Modo de detección de Bluetooth permanente

El distribuidor o el administrador del sistema deben activar el modo de detección de Bluetooth permanente.



### AVISO:

Si está activado, el elemento de Bluetooth **no** se muestra en el menú y no se puede utilizar ninguna función del botón programable Bluetooth.

Otros dispositivos compatibles con Bluetooth puede localizar el radio, pero los dispositivos no se puede conectar al radio. El modo de detección de Bluetooth permanente permite a los dispositivos dedicados usar la posición del radio en el proceso de ubicación basada en Bluetooth.

## 5.7.9

## Ubicación en áreas interiores

**AVISO:**

La función de localización en áreas interiores se aplica a los modelos con la última versión de software y hardware. Para obtener más información, consulte a su proveedor o administrador del sistema.

La función Ubicación en áreas interiores se utiliza para realizar un seguimiento de la ubicación de los usuarios del radio. Cuando la función de localización en áreas interiores está activada, el radio se encuentra en el modo de detección limitado. Las señales periódicas específicas se utilizan para localizar el radio y determinar su posición.

## 5.7.9.1

## Activación o desactivación de la opción Localización en áreas interiores

Puede activar o desactivar la opción Localización en áreas interiores haciendo una de las siguientes acciones.

- Acceda a esta función a través del menú.

- Presione  para acceder al menú.
- Presione ▲ o ▼ para Bluetooth y presione  para seleccionar.
- Presione ▲ o ▼ para Ubicación en áreas interiores y presione  para seleccionar.
- Presione  para activar la opción Ubicación en áreas interiores.

La pantalla muestra Ubicación en áreas interiores activada. Escuchará un tono indicador positivo.

Ocurrirá una de las siguientes situaciones.

- Si se realiza correctamente, aparece el ícono de Localización en áreas interiores disponible en la pantalla Inicio.
- Si no se realiza correctamente, la pantalla muestra Error de activación. Escuchará un tono indicador negativo.

- e. Presione  para desactivar la opción Ubicación en áreas interiores.

La pantalla muestra Ubicación en áreas interiores desactivada. Escuchará un tono indicador positivo.

Ocurrirá una de las siguientes situaciones.

- Si se realiza correctamente, el ícono de Localización en áreas interiores disponible en la pantalla Inicio desaparece.
- Si no realiza correctamente, la pantalla muestra Error de desactivación. Escuchará un tono indicador negativo.

- Acceda a esta función a través del botón programado.

- a. Presionado prolongadamente el botón programado **Ubicación en áreas interiores** para activar la opción Ubicación en áreas interiores.

La pantalla muestra Ubicación en áreas interiores activada. Escuchará un tono indicador positivo.

Ocurrirá una de las siguientes situaciones.

- Si se realiza correctamente, aparece el ícono de Localización en áreas interiores disponible en la pantalla Inicio.
- Si no se realiza correctamente, la pantalla muestra Error de activación. Si no se realizó correctamente, escuchará un tono indicador negativo.

- b. Presione el botón programado **Ubicación en áreas interiores** para desactivar la opción Ubicación en áreas interiores.

La pantalla muestra Ubicación en áreas interiores desactivada. Escuchará un tono indicador positivo.

Ocurrirá una de las siguientes situaciones.

- Si se realiza correctamente, el ícono de Localización en áreas interiores disponible en la pantalla Inicio desaparece.
- Si no realiza correctamente, la pantalla muestra Error de desactivación. Si no se realizó correctamente, escuchará un tono indicador negativo.

### 5.7.9.2

## Acceso a la información sobre las señales periódicas de localización en áreas interiores

Siga el procedimiento para acceder a la información de las señales periódicas de ubicación en áreas interiores.

- 1 Presione  para acceder al menú.

---

- 2 Presione ▲ o ▼ para Bluetooth y presione  para seleccionar.

---

- 3 Presione ▲ o ▼ para Ubicación en áreas interiores y presione  para seleccionar.

---

- 4 Presione ▲ o ▼ para Señ. periód. y presione  para seleccionar.

---

Aparece en la pantalla la información de la señal periódica.

### 5.7.10

## Fichas de trabajo

Esta función permite que el radio reciba mensajes del despachador que enumeran las tareas que se deben llevar a cabo.



### AVISO:

Esta función se puede personalizar a través del Software de programación para el cliente (CPS) según los requisitos del usuario. Para obtener más información, consulte a su proveedor o administrador del sistema.

Hay dos carpetas que contienen diferentes fichas de trabajo:

### Carpeta Mis tareas

Fichas de trabajo personalizadas y asignadas al ID de usuario ingresado.

### Carpeta Tareas compartidas

Fichas de trabajo compartidas y asignadas a un grupo de personas.

Puede responder a fichas de trabajo para organizarlas en carpetas de fichas de trabajo. De forma predeterminada, las carpetas son **Todo**, **Nuevo**, **Iniciado** y **Finalizado**.

Las fichas de trabajos se retienen incluso después de apagar y volver a encender el radio.

Todas las fichas de trabajo se ubican en la carpeta **Todo**. Según la programación del radio, las fichas de trabajo se ordenan de acuerdo al nivel de prioridad, seguido por la hora de recepción. Primero se muestran las fichas de trabajo nuevas, las fichas de trabajo con modificaciones recientes en el estado y las fichas de trabajo con la prioridad más alta.

Al llegar al número máximo de fichas de trabajo, la siguiente ficha de trabajo reemplaza automáticamente a la última ficha de trabajo del radio. El radio admite un máximo de 100 o 500 fichas de trabajo, según el modelo del radio. Para obtener más información, consulte a su proveedor o administrador del sistema. El radio detecta y descarta automáticamente las fichas de trabajo duplicadas que tengan el mismo ID.

Según la importancia de las fichas de trabajo, el despachador les añade un nivel de prioridad. Existen tres niveles de prioridad: Prioridad 1, prioridad 2 y prioridad 3. La prioridad 1 tiene la prioridad más alta y la prioridad 3 tiene la prioridad más baja. También hay fichas de trabajo sin prioridad.

El radio se actualiza como corresponde cuando el despachador hace los siguientes cambios:

- Modifica el contenido de las fichas de trabajo.
- Añade o edita el nivel de prioridad de las fichas de trabajo.
- Mueve las fichas de trabajo de una carpeta a otra.
- Cancela fichas de trabajo.

#### 5.7.10.1

### Acceso a la carpeta de fichas de trabajos

Siga el procedimiento para acceder a la carpeta Fichas de trabajo.

- 1 Realice uno de los siguientes pasos:
  - Presione el botón programado **Ficha de trabajo**. Continúe con [paso 3](#).

- Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para Fichas de trabajo.

- Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para la carpeta requerida.

Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para acceder a la ficha de

trabajo requerida. Presione  para realizar la selección.

---

### 5.7.10.2

## Inicio o cierre de sesión en el servidor remoto

Esta función le permite iniciar y cerrar sesión en el servidor remoto mediante el uso del ID de usuario.

- 1 Presione  para obtener acceso al menú.
- 

- 2 Presione ▲ o ▼ para Iniciar sesión. Presione  para realizar la selección.

Si ha iniciado sesión, aparece el menú Cerrar sesión.

La pantalla muestra un miniaviso de transición que indica que la solicitud está en curso.

---

- 3 Espere una confirmación.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- La pantalla muestra un miniaviso positivo.

Si no se realiza correctamente:

- Suena un tono indicador negativo.
  - La pantalla muestra un miniaviso negativo.
- 

### 5.7.10.3

## Creación de fichas de trabajo

El radio puede crear fichas de trabajo, que se basan en una plantilla de ficha de trabajo y enviar tareas que deben realizarse.

Se requiere un software de programación del CPS para configurar la plantilla de ficha de trabajo.

1 Presione  para obtener acceso al menú.

---

2 Presione ▲ o ▼ para Fichas de trabajo.  
Presione  para realizar la selección.

---

3 Presione ▲ o ▼ para Crear ficha. Presione  para realizar la selección.

---

#### 5.7.10.4

### Envío de las fichas de trabajo con una plantilla de ficha de trabajo

Si el radio está configurado con una plantilla de ficha de trabajo, haga lo siguiente para enviar la ficha de trabajo.

1 Utilice el teclado para introducir el número de habitación requerido. Presione  para realizar la selección.

---

2 Presione ▲ o ▼ para Estado de sala. Presione  para realizar la selección.

---

3 Presione ▲ o ▼ para la opción requerida.  
Presione  para realizar la selección.

---

4 Presione ▲ o ▼ para Enviar. Presione  para realizar la selección.

La pantalla muestra un miniaviso de transición que indica que la solicitud está en curso.

---

5 Espere una confirmación.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- La pantalla muestra un miniaviso positivo.

Si no se realiza correctamente:

- Suena un tono indicador negativo.
  - La pantalla muestra un miniaviso negativo.
-



## 5.7.10.5

## Envío de las fichas de trabajo con más de una plantilla de ficha de trabajo

Si el radio está configurado con más de una plantilla de ficha de trabajo, haga lo siguiente para enviar las fichas de trabajo.

- 1 Presione ▲ o ▼ para la opción requerida.

Presione  para realizar la selección.

- 2 Presione ▲ o ▼ para Enviar. Presione  para realizar la selección.

La pantalla muestra un miniaviso de transición que indica que la solicitud está en curso.

- 3 Espere una confirmación.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- La pantalla muestra un miniaviso positivo.

Si no se realiza correctamente:

- Suena un tono indicador negativo.
- La pantalla muestra un miniaviso negativo.

## 5.7.10.6

## Respuesta a las fichas de trabajo

Siga el procedimiento para responder a las fichas de trabajo en el radio.

- 1 Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para Fichas de trabajo.  
Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para la carpeta requerida.  
Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para la ficha de trabajo requerida. Presione  para realizar la selección.

- 5 Presione  otra vez para acceder al submenú.  
También puede presionar la tecla numérica correspondiente (1-9) hasta **Respuesta rápida**.
- 

- 6 Presione ▲ o ▼ para la ficha de trabajo requerida. Presione  para realizar la selección.  
La pantalla muestra un miniaviso de transición que indica que la solicitud está en curso.
- 

- 7 Espere una confirmación.  
Si se realizó correctamente:
- Suena un tono indicador positivo.
  - La pantalla muestra un miniaviso positivo.
- Si no se realiza correctamente:
- Suena un tono indicador negativo.
  - La pantalla muestra un miniaviso negativo.
- 

## Eliminación de las fichas de trabajo

Siga el procedimiento para eliminar las fichas de trabajo del radio.

- 1 Realice uno de los siguientes pasos:
    - Presione el botón programado **Ficha de trabajo**. Continúe con [paso 4](#).
    - Presione  para obtener acceso al menú.
  - 2 Presione ▲ o ▼ para Fichas de trabajo.  
Presione  para realizar la selección.
  - 3 Presione ▲ o ▼ para la carpeta requerida.  
Presione  para realizar la selección.
  - 4 Presione ▲ o ▼ para la carpeta **Todo**. Presione  para realizar la selección.
-

5 Presione ▲ o ▼ para la ficha de trabajo requerida. Presione  para realizar la selección.

---

6 Presione  nuevamente mientras visualiza la ficha de trabajo.

---

7 Presione ▲ o ▼ para Eliminar. Presione  para realizar la selección.  
La pantalla muestra un miniaviso de transición que indica que la solicitud está en curso.

---

8 Espere una confirmación.  
Si se realizó correctamente:

- Suena un tono indicador positivo.
- La pantalla muestra un miniaviso positivo.

Si no se realiza correctamente:

- Suena un tono indicador negativo.
- La pantalla muestra un miniaviso negativo.

---

### 5.7.10.8

## Eliminación de todas las Fichas de trabajo

Siga el procedimiento para eliminar todas las fichas de trabajo del radio.

- 1 Realice uno de los siguientes pasos:
    - Presione el botón programado **Ficha de trabajo**. Continúe con [paso 3](#).
    - Presione  para obtener acceso al menú.
  - 2 Presione ▲ o ▼ para Fichas de trabajo. Presione  para realizar la selección.
  - 3 Presione ▲ o ▼ para la carpeta requerida. Presione  para realizar la selección.
  - 4 Presione ▲ o ▼ para la carpeta **Todo**. Presione  para realizar la selección.
-

- 5 Presione ▲ o ▼ para Eliminar todo. Presione  para realizar la selección.
- 

- 6 Realice uno de los siguientes pasos:
- Presione ▲ o ▼ para acceder a Sí. Presione  para realizar la selección.  
La pantalla muestra un miniaviso positivo.
  - Presione ▲ o ▼ para No. Presione  para realizar la selección.  
El radio regresa a la pantalla anterior.
- 

### 5.7.11

## Controles de varios sitios

Estas funciones son aplicables cuando el canal de radio actual está configurado para un sistema Capacity Max.

### 5.7.11.1

## Habilitación de la búsqueda manual del sitio

- 1 Realice una de las siguientes acciones:
  - Presione el botón programado **Itinerancia manual del sitio**. Omita los pasos siguientes.
  - Presione  para acceder al menú.

---
- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para ir a Roaming de sitio. Presione  para realizar la selección.

---

- 5 Presione ▲ o ▼ para ir a **Búsqueda activa**.

Presione  para realizar la selección.

Se emite un tono. El LED verde parpadea. La pantalla muestra **Buscando sitio**.

---

Si el radio encuentra un sitio nuevo, se mostrarán las siguientes indicaciones:

- Se emite un tono positivo.
- El LED se apaga.
- La pantalla muestra **<Alias> del sitio localizado**.

Si el radio no encuentra un nuevo sitio, se mostrarán las siguientes indicaciones:

- Suena un tono negativo.
- El LED se apaga.
- La pantalla muestra **Fuera de alcance**.

Si se encuentra un sitio nuevo dentro del rango, pero el radio no puede conectarse a ese sitio, se mostrarán las siguientes indicaciones:

- Suena un tono negativo.
- El LED se apaga.

- La pantalla muestra **Canal ocupado**.

### 5.7.11.2

## Activar/desactivar bloqueo del sitio

Cuando está activado, el radio solo busca en el sitio actual. Si se desactiva, busca en otros sitios además del sitio actual.

Presione el botón programado **Bloqueo del sitio**.

Si la función **Bloqueo del sitio** está activada:

- Se oye un tono indicador positivo, que indica que el radio está bloqueado en el sitio actual.
- La pantalla muestra **Sitio bloqueado**.

Si la función **Bloqueo del sitio** está desactivada:

- Se oye un tono indicador negativo, que indica que el radio está desbloqueado.
  - La pantalla muestra **Sitio desbloqueado**.
-

## 5.7.11.3

## Acceso a la lista de sitios vecinos

Esta función permite al usuario verificar la lista de sitios adyacentes del sitio de inicio actual. Siga el procedimiento para acceder a la lista de sitios vecinos:

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para ir a Info. del radio. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para ir a Sitios vecinos. Presione  para realizar la selección.

---

## 5.7.12

## Recordatorio de canal de inicio

Esta función proporciona un recordatorio cuando el radio no está ajustado en el canal de inicio durante un período de tiempo.

Si esta función se activa cuando el radio no se configura en el canal de inicio durante un período, lo siguiente se produce periódicamente:

- Se emite un tono y un anuncio del recordatorio de canal de inicio.
- En la pantalla, se muestra `No es canal principal`.

## 5.7.12.1

### Silencio del recordatorio de canal de inicio

Cuando suena el recordatorio del canal principal, puede silenciarlo temporalmente.

Presione el botón programado **Silenciar recordatorio del canal principal**.

En la pantalla, se muestra el mensaje `HCR silenciado`.

## 5.7.12.2

## Configuración de nuevos canales de inicio

Cuando se emite el recordatorio del canal de inicio, puede configurar un nuevo canal de inicio.

- 1 Realice uno de los siguientes pasos:
  - Presione el botón programable **Restablecer canal principal** para establecer el canal actual como el nuevo canal principal. Omita los pasos siguientes.  
En la primera línea de la pantalla aparece el alias del canal y en la segunda aparece Nuevo canal principal.

- Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para obtener acceso a Canal principal. Presione  para realizar la selección.

- 5 Presione ▲ o ▼ para obtener acceso al alias del nuevo canal principal deseado. Presione  para realizar la selección.

La pantalla muestra ✓ al lado del alias del canal principal.

## 5.7.13

## Remote Monitor

Esta función se utiliza para encender el micrófono de un radio de destino con un alias o ID del suscriptor. Puede utilizar esta función para monitorear de forma remota cualquier actividad alrededor del radio de destino.

Tanto el radio como el radio de destino deben programarse para permitir el uso de esta función.

Si se ha iniciado, el LED verde parpadea una vez en el radio de destino. Esta función se interrumpe automáticamente luego de una duración programada o

cuando un usuario realiza alguna operación en el radio de destino.

#### 5.7.13.1

### Inicio del monitor remoto

Siga el procedimiento para iniciar el monitor remoto del radio.

1 Presione el botón programado **Monitor remoto**.

2 Presione ▲ o ▼ para obtener acceso al alias o ID

requeridos. Presione  para realizar la selección.

La pantalla muestra un miniaviso de transición que indica que la solicitud está en curso. La luz LED verde se enciende.

3 Espere a que aparezca una confirmación.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- La pantalla muestra un miniaviso positivo.
- El audio del radio monitoreado empieza a reproducirse durante un período de tiempo

programado, y la pantalla muestra Monitor remoto. Una vez que finaliza el cronómetro, se emite un tono de alerta y el LED se apaga.

Si no lo es:

- Suena un tono indicador negativo.
- La pantalla muestra un miniaviso negativo.

#### 5.7.13.2

### Inicio de un monitor remoto mediante la lista de contactos

Siga el procedimiento para iniciar el monitor remoto en el radio mediante la lista de contactos.

1

Presione  para obtener acceso al menú.

2

Presione ▲ o ▼ para acceder a

Contactos. Presione  para realizar la selección.



- 3 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para acceder a Mon. rem.

Presione  para realizar la selección.

La pantalla muestra un miniaviso de transición que indica que la solicitud está en curso. La luz LED verde se enciende.

- 5 Espere a que aparezca una confirmación.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- La pantalla muestra un miniaviso positivo.
- El audio del radio monitoreado empieza a reproducirse durante un período de tiempo programado, y la pantalla muestra Monitor. rem. Una vez que finaliza el cronómetro, se emite un tono de alerta y el LED se apaga.

Si no lo es:

- Suena un tono indicador negativo.

- La pantalla muestra un miniaviso negativo.

### 5.7.13.3

## Inicio de los monitores remotos mediante la marcación manual

Siga el procedimiento para iniciar el monitor remoto en el radio mediante la marcación manual.

1

Presione  para obtener acceso al menú.

2

Presione ▲ o ▼ para acceder a Contactos.

Presione  para realizar la selección.

3

Presione ▲ o ▼ para acceder a Marcación manual. Presione  para realizar la selección.

4

Presione ▲ o ▼ para acceder a Número del radio. Presione  para realizar la selección.

## 5 Realice uno de los siguientes pasos:

- Ingrese el alias o ID del suscriptor y presione



para continuar.

- Edite el ID marcado previamente y presione  para continuar.

## 6 Presione ▲ o ▼ para acceder a Mon. rem.

Presione  para realizar la selección.

La pantalla muestra un miniaviso de transición que indica que la solicitud está en curso. La luz LED verde se enciende.

## 7 Espere a que aparezca una confirmación.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- La pantalla muestra un miniaviso positivo.
- El audio del radio monitoreado empieza a reproducirse durante un período de tiempo programado, y la pantalla muestra Monitor.

remoto. Una vez que finaliza el cronómetro, se emite un tono de alerta y el LED se apaga.

Si no se realiza correctamente:

- Suena un tono indicador negativo.
- La pantalla muestra un miniaviso negativo.

### 5.7.14

## Configuración de contactos

Esta función ofrece capacidades de directorio telefónico en el radio. Cada entrada corresponde a un alias o ID que se utiliza para iniciar una llamada. Las entradas están ordenadas alfabéticamente.

Cada entrada, según el contexto, se asocia con los diferentes tipos de llamada: Llamada grupal, llamada privada, llamada de difusión, All Call en sitio, All Call en varios sitios, llamada de PC o llamada de despacho.

Las llamadas de PC y de despacho están relacionadas con datos. Solo están disponibles con las aplicaciones. Para obtener más información, consulte la documentación de las aplicaciones de datos.

El menú Contactos le permite asignar cada entrada a una clave numérica programable o más en un micrófono con

teclado. Si se asigna una entrada a una clave numérica, su radio puede realizar una marcación rápida en la entrada.

**AVISO:**

Podrá ver una marca de verificación antes de cada tecla numérica que se asigne a una entrada. Si la marca de verificación se encuentra delante de Vacío, no se ha asignado una tecla numérica a la entrada.

Cada entrada dentro de Contactos muestra la siguiente información:

- Tipo de llamada
- Alias de llamada
- ID de llamada

**AVISO:**

Si la función de privacidad está activada en un canal, puede realizar llamadas de grupo con privacidad activada, llamadas privadas, llamadas generales y llamadas telefónicas en ese canal. Solo los radios de destino con la misma clave de privacidad o el mismo valor de clave e ID de clave que el radio podrán decodificar la transmisión.

### 5.7.14.1

## Asignación de entradas a teclas numéricas programables

Siga el procedimiento para asignar entradas a teclas numéricas programables en el radio.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para acceder a Contactos.  
Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.
- 4 Presione ▲ o ▼ para acceder a Programar tecla. Presione  para realizar la selección.
- 5 Realice uno de los siguientes pasos:
  - Si la tecla numérica deseada no se ha asignado a una entrada, presione ▲ o ▼ para acceder a

la tecla numérica deseada. Presione  para realizar la selección.

- Si la tecla numérica deseada ya está asignada a otra entrada, la pantalla muestra *La tecla está ya en uso* y, luego, la primera línea de texto muestra *¿Reemplazar?*. Realice uno de los siguientes pasos:

Presione ▲ o ▼ para acceder a *Sí*. Presione  para realizar la selección.

El radio emite un tono indicador positivo y la pantalla muestra *Contacto guardado* y un miniaviso positivo.

Presione ▲ o ▼ para *No* y regresar al paso anterior.

#### 5.7.14.2

## Eliminación de asociaciones entre entradas y teclas numéricas programables

Siga el procedimiento para eliminar las asociaciones entre las entradas y las teclas numéricas programables en el radio.

- 1 Realice uno de los siguientes pasos:

- Presione de manera prolongada la tecla numérica programada hasta el alias o el ID deseados. Continúe con [paso 4](#).

- Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para acceder a *Contactos*.

Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para acceder a Programar tecla. Presione  para realizar la selección.

- 5 Presione ▲ o ▼ para acceder a Vacío. Presione  para realizar la selección.

La primera línea de texto muestra Elim. todas teclas.

- 6 Presione ▲ o ▼ para acceder a Sí. Presione  para realizar la selección.



**AVISO:**

Al eliminar una entrada, se elimina la asociación entre la entrada y sus teclas numéricas programadas.

Suena un tono indicador positivo. En la pantalla se muestra Contacto guardado.

La pantalla vuelve automáticamente al menú anterior.

## Adición de contactos nuevos

Siga el procedimiento para agregar contactos nuevos al radio.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para acceder a Contactos. Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para acceder a Nuevo contacto. Presione  para realizar la selección.
- 4 Presione ▲ o ▼ para seleccionar el tipo de contacto Contacto por radio o Contacto por teléfono. Presione  para realizar la selección.
- 5 Ingrese el número de contacto con el teclado y presione  para continuar.

6 Ingrese el nombre del contacto con el teclado y presione  para continuar.

---

7 Presione ▲ o ▼ para acceder al tipo de timbre deseado. Presione  para realizar la selección. Suena un tono indicador positivo. La pantalla muestra un miniaviso positivo.

---

### 5.7.15

## Configuración del indicador de llamadas

Esta función le permite configurar los tonos de timbre de llamada o mensaje de texto.

### 5.7.15.1

## Activación o desactivación de timbres de llamadas para llamadas privadas

1 Presione  para obtener acceso al menú.

---

2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

4 Presione ▲ o ▼ para ir a Tonos/Alertas. Presione  para realizar la selección.

---

5 Presione ▲ o ▼ para ir a Timbres de llamada. Presione  para realizar la selección.

---

6 Presione ▲ o ▼ para ir a Llamada privada. Presione  para realizar la selección.

---

7 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ hasta el tono requerido.

Presione  para realizar la selección. La pantalla muestra ✓ y el tono seleccionado.

- Presione ▲ o ▼ para Apag.. Presione  para realizar la selección.  
Si los tonos de timbres se activaron anteriormente, en la pantalla se muestra ✓ junto a Desactivar.  
  
Si los tonos de timbres se desactivaron anteriormente, en la pantalla no se muestra ✓ junto a Desactivar.

#### 5.7.15.2

### Activación o desactivación de timbres de llamada para mensajes de texto

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para ir a Tonos/Alertas.

Presione  para realizar la selección.

- 5 Presione ▲ o ▼ para ir a Timbres de llamada.

Presione  para realizar la selección.

- 6 Presione ▲ o ▼ para ir a Mensaje de texto.

Presione  para realizar la selección.

La pantalla muestra ✓ y el tono actual.

- 7 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ hasta el tono requerido.

Presione  para realizar la selección.  
La pantalla muestra ✓ y el tono seleccionado.

- Presione ▲ o ▼ para Apag.. Presione  para realizar la selección.  
Si los tonos de timbres se activaron anteriormente, en la pantalla se muestra ✓ junto a Desactivar.

Si los tonos de timbres se desactivaron anteriormente, en la pantalla no se muestra  junto a Desactivar.

### 5.7.15.3

## Activación o desactivación de timbres de llamada para alertas de llamada

- 1 Presione  para obtener acceso al menú.
- 2 Presione  o  para ir a Utilidades. Presione  para realizar la selección.
- 3 Presione  o  para ir a Configuración del radio. Presione  para realizar la selección.
- 4 Presione  o  para ir a Tonos/alerta. Presione  para realizar la selección.

- 5 Presione  o  para ir a Timbres de llamada.

Presione  para realizar la selección.

- 6 Presione  o  para ir a Alerta de llamada.

Presione  para realizar la selección.

- 7 Realice uno de los siguientes pasos:

- Presione  o  hasta el tono requerido.

Presione  para realizar la selección. La pantalla muestra  y el tono seleccionado.

- Presione  o  para Apag.. Presione  para realizar la selección. Si los tonos de timbres se activaron anteriormente, en la pantalla se muestra  junto a Desactivar.

Si los tonos de timbres se desactivaron anteriormente, en la pantalla no se muestra  junto a Desactivar.



## 5.7.15.4

## Activación o desactivación de timbres de llamada para estado de telemetría con texto

Siga el procedimiento para activar o desactivar los timbres de llamada para el estado de telemetría con texto en el radio.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para obtener acceso a Configuración del radio. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para Tonos/alerta. Presione  para realizar la selección.

---

- 5 Presione ▲ o ▼ para acceder a Timbres

llamada. Presione  para realizar la selección.

---

- 6 Presione ▲ o ▼ para acceder a Telemetría.

Presione  para realizar la selección.

El tono actual se indica mediante ✓.

---

- 7 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para acceder al tono

preferido. Presione  para realizar la selección.

En la pantalla se muestra Tono <Número> Seleccionado y ✓ aparece a la izquierda del tono seleccionado.

- Presione ▲ o ▼ para Apagar. Presione  para realizar la selección.  
En la pantalla se muestra Timbre de telemetría apagado y ✓ aparece a la izquierda de Apagar.
-

## 5.7.15.5

## Asignación de estilos de tono

El radio se puede programar para emitir 1 de 11 tonos predefinidos tras recibir una llamada privada, una alerta de llamada o un mensaje de texto de un contacto en particular. El radio reproduce cada estilo de tono a medida que se desplaza por la lista.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para acceder a Contactos.  
Presione  para realizar la selección.  
Las entradas están ordenadas alfabéticamente.

---

- 3 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para ir a Ver/editar. Presione  para realizar la selección.

---

5

Presione  hasta que en la pantalla se muestre el menú Timbre.

✓ indica el tono seleccionado actualmente.

6

Presione ▲ o ▼ para ir al tono requerido.

Presione  para realizar la selección.

La pantalla muestra un miniaviso positivo.

## 5.7.15.6

## Selección de un tipo de alerta de timbre

**AVISO:**

El distribuidor o el administrador del sistema asigna el botón programado **Tipo de timbre de alerta**. Consulte al distribuidor o administrador del sistema para determinar de qué manera se programó el radio.

Puede programar las llamadas de radio a una llamada con vibración predeterminada. Si el estado Todos los tonos está deshabilitado, el radio muestra el ícono de silencio de

todos los tonos. Si el estado Todos los tonos está habilitado, se muestra el tipo de alerta de tono relacionado.

El radio vibra una vez si es un estilo de tono momentáneo. El radio vibra repetidamente si se trata de un estilo de tono repetitivo. Cuando se ajusta en Tono y vibración, el radio emite un tono específico si hay alguna transacción de radio entrante (por ejemplo, una alerta de llamada o un mensaje). Suenan como un tono indicador positivo o de llamada perdida.

En el caso de radios con baterías que son compatibles con la función de vibración y que se conectan a un clip para cinturón vibratorio, las opciones disponibles de tono de alerta son las siguientes: Silencio, Tono, Vibración y Tono y vibración.

En el caso de radios con baterías que no son compatibles con la función de vibración y que no se conectan a un clip para cinturón vibratorio, el tono de alerta se establece de forma automática en Tono. Las opciones de Tipo de alerta de timbre disponibles son Silencioso y Tono.

Para seleccionar un tono de alerta, realice una de las siguientes acciones.

- Presione el botón programado **Tipo de alerta de timbre** para acceder al menú Tipo de alerta de timbre.

a. Presione ▲ o ▼ para Tono, Vibración, Tono y vibración o Silencio y presione  para seleccionar.

- Acceda a esta función a través del menú.

a. Presione  para acceder al menú.

b. Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

c. Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.

d. Presione ▲ o ▼ para Tonos/Alertas y presione  para seleccionar.

e. Presione ▲ o ▼ para Tipo de alerta de timbre y presione  para seleccionar.

f. Presione ▲ o ▼ para Tono, Vibración, Tono y vibración o Silencio y presione  para seleccionar.

## 5.7.15.7

## Configurar el estilo de vibración

**AVISO:**

El distribuidor o el administrador del sistema asignan el botón programado **Estilo de vibración**. Consulte al distribuidor o administrador del sistema para determinar de qué manera se programó el radio.

Estilo de vibración se activa cuando el clip para cinturón vibratorio se conecta al radio con una batería compatible con la función de vibración.

Para configurar el estilo de vibración, realice una de las siguientes acciones.

- Presione el botón programado **Estilo de vibración** para acceder al menú Estilo de vibración.
  - a. Presione ▲ o ▼ hasta Corta, Media o Larga, y presione  para seleccionar.
- Obtenga acceso a esta función a través del menú.
  - a. Presione  para acceder al menú.

- b. Presione ▲ o ▼ para Utilidades y presione  para seleccionar.
- c. Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.
- d. Presione ▲ o ▼ para Tonos/Alertas y presione  para seleccionar.
- e. Presione ▲ o ▼ para Estilo de vibración y presione  para seleccionar.
- f. Presione ▲ o ▼ hasta Corta, Media o Larga, y presione  para seleccionar.

## 5.7.15.8

## Volumen del tono de alarma en aumento

El radio se puede programar para que emita una alerta continua cuando una llamada de radio permanece sin respuesta. Para esto, el volumen del tono de alarma aumenta automáticamente con el transcurso del tiempo.

Esta función se denomina Escalert. Siga el procedimiento para transferir el volumen del tono de la alarma del radio.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para Tonos/alerta. Presione  para realizar la selección.

---

- 5 Presione ▲ o ▼ para acceder a Escalert.

---

- 6 Presione  para activar O desactivar Escalert. Si está activado, ✓ aparece al lado de Activado. Si está desactivado, ✓ desaparece de al lado de Activado.

### 5.7.16

## Funciones del registro de llamadas

El radio conserva un registro de todas las llamadas privadas salientes, respondidas y perdidas recientes. Utilice la función del registro de llamadas para ver y administrar las llamadas recientes.

Las alertas de llamadas perdidas se pueden incluir en los registros de llamadas, según la configuración del sistema del radio. Puede realizar las tareas siguientes en cada una de las listas de llamadas:

- Almacenar alias o ID en Contactos
- Eliminar llamada
- Ver detalles

### 5.7.16.1

## Visualización de llamadas recientes

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Registro de llamadas. Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para acceder a la lista preferida. Las opciones son las listas Perdidas, Respondidas y Salientes.

Presione  para realizar la selección.  
La pantalla muestra la entrada más reciente.

---

- 4 Presione ▲ o ▼ para ver la lista.  
Para iniciar una llamada con el alias o el ID que muestra la pantalla, presione el botón **PTT**.
- 

#### 5.7.16.2

### Almacenamiento de alias o ID desde la lista de llamadas

Siga el procedimiento para almacenar los alias o ID en el radio desde la lista de llamadas.

- 1 Presione  para obtener acceso al menú.
- 

- 2 Presione ▲ o ▼ para Reg. 11and.. Presione  para realizar la selección.
- 

- 3 Presione ▲ o ▼ para la lista que desee. Presione  para realizar la selección.
- 

- 4 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.
- 

- 5 Presione ▲ o ▼ para acceder a Almacenados.  
Presione  para realizar la selección.  
La pantalla muestra un cursor intermitente.
- 

- 6 Ingrese el resto de los caracteres del alias deseado.  
Presione  para realizar la selección.  
Es posible almacenar un ID sin un alias.  
La pantalla muestra un miniaviso positivo.
-

### 5.7.16.3

## Eliminación de llamadas de la lista de llamadas

Siga el procedimiento para eliminar las llamadas de la lista de llamadas realizadas en el radio.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para Reg. llamad.. Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para la lista que desee. Presione  para realizar la selección.  
Si la lista está vacía:
  - Se emite un tono.
  - La pantalla muestra Lista vacía.

- 4 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.

- 5 Presione ▲ o ▼ para ¿Eliminar entrada?  
Presione  para realizar la selección.

- 6 Realice uno de los siguientes pasos:

- Presione  para seleccionar Sí para eliminar la entrada.  
La pantalla muestra Entrada eliminada.
- Presione ▲ o ▼ para No. Presione  para realizar la selección.  
El radio regresa a la pantalla anterior.

### 5.7.16.4

## Visualización de detalles de la lista de llamadas

Siga el procedimiento para ver los detalles de la lista de llamadas en el radio.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para Reg. llamd.. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para la lista que desee. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.

---

- 5 Presione ▲ o ▼ para acceder a Ver detalles. Presione  para realizar la selección. La pantalla muestra los detalles.

---

## Operación de alerta de llamada

El aviso de alerta de llamada le permite enviar una alerta a un usuario de radio específico, para que este le devuelva la llamada cuando pueda.

Esta función se aplica solo a los alias o ID de suscriptor y se accede a través del menú mediante Contactos, marcación manual, o un botón programado **Acceso instantáneo**.

En Capacity Max., la función de alerta de llamada permite que un usuario del radio o un despachador envíen una alerta a otro usuario del radio solicitándole que vuelva a llamar al usuario del radio iniciador cuando esté disponible. Esta función no involucra la comunicación de voz.

El distribuidor o el administrador del sistema pueden configurar el funcionamiento de la alerta de llamada de dos maneras:

- El radio está configurado para permitirle presionar el botón **PTT** para responder directamente al iniciador de la llamada mediante una llamada privada.
- El radio está configurado para permitirle presionar el botón **PTT** y continuar con la comunicación con otro grupo de conversación. Si se presiona el botón **PTT** en la entrada de la alerta de llamada, el usuario no podrá responder al iniciador de la llamada. El usuario debe



desplazarse a la opción Registro de Llamadas perdidas en el menú Registro de llamada y responder a la alerta de llamada desde allí.

Una llamada privada del tipo Configuración de llamadas fuera del aire (OACSU) permite que el usuario responda en forma inmediata, mientras que una llamada privada del tipo Configuración de llamadas totalmente fuera del aire (FOACSU) requiere una confirmación de llamada por parte del usuario. Por tanto, se recomienda el uso de las llamadas del tipo OACSU para la función de alerta de llamada. Consulte [Llamada privada en la página 101](#).

### 5.7.17.1

## Establecimiento de alertas de llamada

Siga el procedimiento para establecer alertas de llamada en el radio.

- 1 Presione el botón programado **Acceso instantáneo**.

En la pantalla aparecen **Alerta de llamada** y el alias o el ID del suscriptor. La luz LED verde se enciende.

- 2 Espere a que aparezca una confirmación.

Si se recibe la confirmación de la alerta de llamada, la pantalla muestra un miniaviso positivo.

Si no se recibe la confirmación de la alerta de llamada, la pantalla muestra un miniaviso negativo.

### 5.7.17.2

## Establecimiento de alertas de llamada mediante la lista de contactos

- 1 Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para acceder a **Contactos**.

Presione  para realizar la selección.

- 3 Realice uno de los siguientes pasos:
  - Seleccione el alias o ID del suscriptor directamente

Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.

- Use el menú Marcación manual

Presione ▲ o ▼ para ir a Marcación manual. Presione  para realizar la selección.

Presione ▲ o ▼ para ir a Número del radio. Presione  para realizar la selección.

La pantalla muestra Número del radio: y un cursor intermitente. Introduzca el ID del

suscriptor que desee localizar. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para ir a Alerta de llamada.

Presione  para realizar la selección.

La pantalla muestra Alerta de llamada y el alias o ID del suscriptor. La luz LED verde se enciende.

- 5 Espere a que aparezca una confirmación.

- Si se recibe la confirmación, en la pantalla se muestra un miniaviso positivo.
- Si no se recibe la confirmación, en la pantalla se muestra un miniaviso negativo.

### 5.7.17.3

## Respuesta a alertas de llamada

Cuando reciba una alerta de llamada:

- Suena un tono repetitivo.
- El indicador LED parpadea en color amarillo.
- La pantalla muestra la lista de notificaciones donde aparece una alerta de llamada con el alias o ID del radio que realiza la llamada.

Según la configuración de su distribuidor o del administrador del sistema, puede responder a una alerta de llamada mediante una de las siguientes acciones:

- Presione el botón **PTT** y responda con una llamada privada directamente a la persona que llama.
- Presione el botón **PTT** para continuar normalmente la comunicación con un grupo de conversación.  
La alerta de llamada se desplaza a la opción Llamada perdida en el menú Registro de llamadas. Podrá responder a la persona que llama desde el registro de llamadas perdidas.

Para obtener más información, consulte [Lista de notificaciones en la página 227](#) y [Funciones del registro de llamadas en la página 168](#).

### 5.7.18

## Alias del emisor dinámico

Esta función le permite editar de forma dinámica un alias del emisor desde el panel frontal del radio.

Cuando se encuentra en una llamada, el radio receptor muestra el alias del emisor del radio transmisor.

La lista Alias del emisor puede almacenar hasta 500 alias de emisores del radio transmisor. Puede ver o realizar Llamadas privadas desde la lista Alias del emisor. Cuando

apaga el radio, el historial de los alias de emisores se elimina de la lista Alias del emisor.

### 5.7.18.1

## Editar el Alias del emisor después de encender el radio

1 Encienda el radio.

2

Ingresa el nuevo Alias del emisor. Presione  para continuar.

La pantalla muestra un miniaviso positivo.



### AVISO:

Cuando se encuentra en una llamada, el radio receptor muestra el nuevo Alias del emisor.

## 5.7.18.2

## Edición del alias del emisor en el menú principal

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para ir a Info. del radio.  
Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para ir a Mi ID. Presione  para realizar la selección.

---

- 5 Presione  para continuar.

---

- 6 Presione ▲ o ▼ ir a Editar. Presione  para realizar la selección.

---

7

Ingresa el nuevo Alias del emisor. Presione  para realizar la selección.

La pantalla muestra un miniaviso positivo.


**AVISO:**

Cuando se encuentra en una llamada, el radio receptor muestra el nuevo Alias del emisor.

## 5.7.18.3

## Visualización de la lista Alias del emisor

Puede acceder a la lista Alias del emisor para ver los detalles del Alias del emisor que transmite.

1

Presione  para obtener acceso al menú.

2

Presione ▲ o ▼ para ir a Alias del emisor.

Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para acceder a la lista preferida.

Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para acceder a Ver detalles.

Presione  para realizar la selección.

#### 5.7.18.4

### Inicio de Llamada privada desde la lista Alias del emisor

Puede acceder a la lista Alias del emisor para iniciar una Llamada privada.

- 1 Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para ir a Alias del emisor.

Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para acceder al <Alias del emisor requerido>.

- 4 Para llamar, mantenga presionado el botón **PTT**.

#### 5.7.19

### Modo de silenciado

El modo de silenciado proporciona una opción para silenciar todos los indicadores de audio en el radio.

Cuando se inicia el modo de silenciado, todos los indicadores de audio se cierran, excepto las funciones de mayor prioridad como el funcionamiento de emergencia.

Cuando se sale del modo de silenciado, el radio reanuda la reproducción de tonos continuos y las transmisiones de audio.



#### IMPORTANTE:

Solo puede activar la función de Boca abajo o Hombre caído una a la vez. Ambas funciones no se pueden activar de forma simultánea.

Esta función se aplica solo a DGP 5550e/DGP 8550e, DGP 5050e/DGP 8050e.

#### 5.7.19.1

### Activación del modo de silenciado

Siga el procedimiento para activar el modo de silenciado.

Realice uno de los siguientes pasos:

- Acceda a esta función con el botón programado **Modo de silenciado**.
- Para acceder a esta función, coloque el radio boca abajo momentáneamente.

Según el modelo de radio, la función Boca abajo se puede activar a través del menú del radio o puede hacerlo el administrador del sistema. Para obtener más información, consulte a su proveedor o administrador del sistema.



#### IMPORTANTE:

El usuario solo puede activar la función de Hombre caído o la de Boca abajo a la vez. Ambas funciones no se pueden activar de forma simultánea.



#### AVISO:

La función Boca abajo solo se aplica a DGP 5550e/DGP 8550e .

---

Se produce lo siguiente cuando se activa el modo de silenciado:

- Se emite un tono indicador positivo.
- En la pantalla aparece el mensaje **Modo de silenciado activado**.

- El LED rojo empieza a parpadear y sigue parpadeando hasta que se sale del modo de silenciado.
- En la pantalla aparece el ícono **Modo de silenciado** en la pantalla de inicio.
- El radio se cierra.
- El temporizador del modo de silenciado comienza a contar de forma regresiva el tiempo que se configuró.

#### 5.7.19.2

### Configuración del temporizador de modo de silenciado

La función modo de silenciado se puede activar para un período de tiempo establecido previamente mediante la configuración del temporizador del modo de silenciado. La duración del temporizador se configura en el menú del radio y puede variar entre 0,5 a 6 horas. Se sale del modo de silenciado una vez que caduca el temporizador.

Si el temporizador se deja en 0, el radio permanece en el modo de silenciado durante un período indefinido hasta

que el radio se mueve a la posición boca arriba o se presiona el botón programado **Modo de silencio**.



### AVISO:

La función Boca abajo se aplica solo a DGP 5550e/DGP 8550e.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.
- 4 Presione ▲ o ▼ para acceder al Temp. silenc.. Presione  para realizar la selección.
- 5 Presione ▲ o ▼ para editar el valor numérico de cada dígito y presione .

### 5.7.19.3

## Salida del modo de silencio

Es posible salir automáticamente de esta función cuando el temporizador del modo de silencio caduca.

Realice una de las siguientes acciones para salir del modo de silencio manualmente:

- Presione el botón programado **Modo de silencio**.
- Presione el botón **PTT** en cualquier entrada.
- Coloque el radio en una posición boca arriba por un momento.



### AVISO:

La función Boca abajo se aplica solo a DGP 5550e/DGP 8550e.

Se produce lo siguiente cuando se desactiva el modo de silencio:

- Se emite un tono indicador negativo.
- En la pantalla aparece el mensaje **Modo de silencio desactivado**.
- El LED rojo intermitente se apaga.

- El ícono de **Modo de silenciado** desaparece de la pantalla de inicio.
- El radio vuelve a activar el sonido y el estado del altavoz se restaura.
- Si el temporizador no ha expirado, el temporizador del modo de silenciado se detiene.

**AVISO:**

También se puede salir del modo de silenciado si el usuario transmite voz o se cambia a un canal sin programar.

## 5.7.20

## Operación de emergencia

Se utiliza una Alarma de emergencia para indicar una situación crítica. Puede iniciar una emergencia en cualquier momento, incluso si hay actividad en el canal actual.

En Capacity Max, el radio receptor solo puede admitir una única alarma de emergencia a la vez. Si se inicia, una segunda alarma de emergencia sobrescribirá a la primera.

Cuando se recibe una alarma de emergencia, el destinatario puede optar por eliminar la alarma y salir de la lista de alarmas, o bien responder a la alarma de

emergencia presionando el botón **PTT** y transmitiendo voz que no es de emergencia.

El distribuidor o el administrador del sistema pueden establecer la duración de la presión de un botón para el botón programado **Emergencia**, excepto para la presión prolongada, que es similar a la del resto de los botones:

**Pulsación breve**

Duración entre 0,05 segundos y 0,75 segundos.

**Presión prolongada**

Duración entre 1 y 3,75 segundos.

El botón **Emergencia** se asigna con la función Emergencia activada/desactivada. Consulte al distribuidor acerca del uso asignado del botón **Emergencia**.

**AVISO:**

Si la presión breve del botón **Emergencia** se ha asignado para activar el modo de emergencia, entonces la presión prolongada del botón **Emergencia** se asigna para salir del modo de emergencia.

Si la presión prolongada del botón **Emergencia** se asignó para activar el modo de emergencia, entonces la presión breve del botón **Emergencia** servirá para salir del modo de emergencia.

El radio admite tres alarmas de emergencia:



- Alarma de emergencia
- Alarma de emergencia con llamada
- Alarma de emergencia con voz para seguir

Además, cada alarma tiene los siguientes tipos:

### Normal

El radio transmite una señal de alarma y muestra indicadores sonoros o visuales.

### Silencioso

El radio transmite una señal de alarma sin indicadores sonoros ni visuales. El radio recibe llamadas sin ningún sonido a través del altavoz, hasta que termina el período programado de transmisión del *micrófono activo* o presiona el botón **PTT**.

### Silencioso con voz

El radio transmite una señal de alarma sin ningún indicador visual ni de audio, pero permite que las llamadas entrantes suenen a través del altavoz. Si el *micrófono activo* está activado, las llamadas entrantes sonarán a través del altavoz una vez finalizado el período programado de transmisión del *micrófono activo*. Los indicadores solo aparecerán una vez que presione el botón **PTT**.



### AVISO:

Solo una de las alarmas de emergencia anteriores puede asignarse al botón programado **Emergencia**.

### 5.7.20.1

## Envío de alarmas de emergencia

Esta función permite enviar una alarma de emergencia, una señal sin voz, que activa un indicador de alerta en un grupo de radios. Siga el procedimiento para enviar alarmas de emergencia del radio.

El radio no muestra ningún indicador sonoro o visual durante el modo de emergencia cuando se configura en Silencio.

- 1 Presione el botón **Emergencia activada** programado.

Verá uno de estos resultados:

- En la pantalla aparecen el mensaje Alarmas Tx y el alias del destino.
- La pantalla muestra Telegrama Tx y el alias del destino.

La luz LED verde se enciende. Aparece el ícono **Emergencia**.



**AVISO:**

Si está programado, se emite el tono de búsqueda de emergencia. Este tono se silencia cuando el radio transmite o recibe voz, y se detiene cuando el radio sale del modo de emergencia. El distribuidor o el administrador del sistema pueden programar el tono de búsqueda de emergencia..

## 2 Espere a que aparezca una confirmación.

Si se realizó correctamente:

- Se emite el tono de emergencia.
- El LED verde parpadea.
- La pantalla muestra **Alarma enviada**.

Si no funciona tras agotar todos los reintentos:

- Se emite un tono.
- En la pantalla aparece **Error alarma**.

El radio sale del modo de alarma de emergencia y vuelve a la pantalla de inicio.



**AVISO:**

Cuando está configurado en la opción Solo alarma de emergencia, el proceso de emergencia solo se compone de la parte de la alarma de emergencia. La emergencia finaliza cuando se recibe una confirmación del sistema o cuando se hayan agotado los intentos de acceso al canal.

No hay ninguna llamada de voz asociada con el envío de una alarma de emergencia cuando funciona como Solo alarma de emergencia.

### 5.7.20.2

## Envío de alarmas de emergencia con llamada

Esta función permite enviar una alarma de emergencia con llamada a un grupo de radios o a un despachador. Una vez recibida la confirmación de la infraestructura dentro del grupo, un grupo de radios puede comunicarse por un canal de emergencia programado.

El radio se debe configurar para alarma de emergencia y llamada para realizar una llamada de emergencia después del proceso de la alarma.

**1 Presione el botón programado **Emergencia** activada.**

La pantalla muestra **Alarma Tx** y el alias de destino. Aparece el ícono **Emergencia**. La luz LED verde se enciende.



**AVISO:**

Si el radio está programado, se emite el tono de búsqueda de emergencia. Este tono se silencia cuando el radio transmite o recibe voz, y se detiene cuando el radio sale del modo de emergencia.

Si se recibe la confirmación de una alarma de emergencia realizada correctamente:

- Se emite el tono de emergencia.
- El LED verde parpadea.
- La pantalla muestra **Alarma enviada**.
- El radio entra en el modo de llamada de emergencia cuando la pantalla muestra **Emergencia** y el alias del grupo de destino.

Si no se recibe la confirmación de una alarma de emergencia realizada con éxito:

- Se agotan todos los intentos.
- Se emite un tono grave.
- La pantalla muestra **Error alarma**.
- El radio sale del modo de alarma de emergencia.

---

**2 Presione el botón **PTT** para iniciar una transmisión de voz.**

La luz LED verde se enciende. La pantalla muestra el ícono **Llamada grupal**.

---

**3 Realice uno de los siguientes pasos:**

- Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
  - Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.
-

- 4 Suelte el botón **PTT** para escuchar.

La pantalla muestra los alias de grupo y el la persona que llama.

- 5 Presione el botón **PTT** para responder la llamada.

Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder.

- 6 Presione el botón **Emergencia desactivada** para salir del modo de emergencia.

El radio vuelve a la pantalla Inicio.



#### **AVISO:**

Según cómo esté programado el radio, tal vez escuche un tono de permiso para hablar. El distribuidor del radio o el administrador del sistema pueden proporcionar más información sobre cómo se programó el radio para las emergencias.

El iniciador de la llamada de emergencia

puede presionar  para finalizar una llamada de emergencia en curso. El radio regresa al estado de inactividad de la llamada, pero la pantalla de llamada de emergencia permanece abierta.

#### 5.7.20.3

### **Envío de alarmas de emergencia seguidas por voz**

Esta función le permite enviar una alarma de emergencia con llamada seguida por voz a un grupo de radios. El micrófono del radio se activa automáticamente, lo que permite comunicarse con el grupo de radios sin presionar

el botón **PTT**. El estado de micrófono activado también se denomina *micrófono activo*.

Si el radio tiene el modo de ciclo de emergencia activado, se realizan repeticiones del *micrófono activo* y del período de recepción durante un tiempo programado. Durante el modo de ciclo de emergencia, las llamadas recibidas se escuchan a través del altavoz.

Si presiona el botón **PTT** durante el período de recepción programado, escuchará un tono de prohibición, que indica que debe liberar el botón **PTT**. El radio ignora la presión del botón **PTT** y permanece en el modo de emergencia.

Si presiona el botón **PTT** durante el *micrófono activo* y continúa presionándolo después de que la duración del *micrófono activo* expire, el radio continúa transmitiendo hasta que se libere el botón **PTT**.

Si la solicitud de la alarma de emergencia falla, el radio no vuelve a intentar el envío de la solicitud y entra directamente al estado de *micrófono activo*.



### AVISO:

Es posible que algunos accesorios no sean compatibles con *micrófono activo*. Para obtener más información, consulte a su proveedor o administrador del sistema.

Siga el procedimiento para enviar alarmas de emergencia seguidas por voz en el radio.

### 1 Presione el botón programado **Emergencia activada**.

Verá uno de estos resultados:

- La pantalla muestra Alarma Tx y el alias de destino.
- La pantalla muestra Telegrama Tx y el alias del destino.

La luz LED verde se enciende. Se muestra el ícono de **Emergencia**.

---

### 2 Una vez que la pantalla muestre Alarma enviada, hable claramente al micrófono.

El radio deja de transmitir automáticamente:

- La duración del ciclo entre el *micrófono activo* y la recepción de llamadas expira si está activado el modo del ciclo de emergencias.
  - La duración del *micrófono activo* expira si el modo del ciclo de emergencia está desactivado.
-

- Presione el botón de **Emergencia desactivada** para salir del modo de emergencia.

El radio vuelve a la pantalla de inicio.

#### 5.7.20.4

### Recepción de alarmas de emergencia

El radio receptor solo puede admitir una única alarma de emergencia a la vez. Si se inicia, una segunda alarma de emergencia sobrescribirá a la primera. Siga el procedimiento para recibir y ver alarmas de emergencia en el radio.

Cuando se recibe una alarma de emergencia:

- Se emite un tono.
- El LED parpadea en color rojo.
- La pantalla muestra la lista de alarmas de emergencia, el ID o alias de grupo de conversación de emergencia y el ID o alias del radio transmisor.

- Presione  para ver la alarma.

- Presione  para ver las opciones de acción y los detalles de cada una de las entradas en la lista de alarmas.

- Presione  y seleccione **Sí** para salir de la Lista de alarmas.

El radio vuelve a la pantalla Inicio con un **ícono de Emergencia** que se muestra en la parte superior, lo que indica la alarma de emergencia sin resolver. El **ícono de Emergencia** desaparece una vez que se elimine la entrada en la lista de alarmas.

- Presione  para obtener acceso al menú.

- Seleccione **Lista de alarmas** para volver a ver la lista de alarmas.

- El tono suena y el LED parpadea de color rojo hasta que salga del modo de emergencia. Sin embargo, el tono se puede silenciar. Realice uno de los siguientes pasos:

- Presione el botón **PTT** para llamar al grupo de radios que recibió la alarma de emergencia.
  - Presione cualquier botón programable.
- 

### 5.7.20.5

## Respuesta a alarmas de emergencia

Cuando se recibe una alarma de emergencia, el destinatario puede optar por eliminar la alarma y salir de la lista de alarmas, o bien responder a la alarma de emergencia presionando el botón **PTT** y transmitiendo voz que no es de emergencia. Siga el procedimiento para responder a alarmas de emergencia en el radio.

- 1 Si la indicación de la alarma de emergencia está activada, la lista de alarmas de emergencia aparece cuando el radio recibe una alarma de emergencia. Presione ▲ o ▼ para obtener acceso al alias o ID requeridos.
  - 2 Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder. Presione el botón **PTT** para transmitir voz que no
- 

sea de emergencia al mismo grupo al que se envía la alarma de emergencia.

La luz LED verde se enciende.

---

### 3 Realice uno de los siguientes pasos:

- Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
  - Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.
- 

### 4 Suelte el botón **PTT** para escuchar.

Cuando responde el radio que inició la emergencia:

- El LED parpadea en color rojo.
- La pantalla muestra el ícono de **Llamada de emergencia**, el ID o alias de grupo de

conversación de emergencia o la conversación de emergencia y el ID o alias del radio transmisor.



#### AVISO:

Si la indicación de llamada de emergencia no está activada, la pantalla muestra el ícono de **Llamada de grupo**, el ID o alias de grupo de conversación de emergencia y el ID o alias del radio transmisor.

- La línea de texto muestra el ID o alias de grupo de conversación de emergencia y el ID o alias del radio transmisor.
- Se activa el sonido del radio, y la llamada entrante se emite a través del altavoz.

- 1 Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder. Presione el botón **PTT** para responder la llamada.

La luz LED verde se enciende.

- 2 Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.

- 3 Suelte el botón **PTT** para escuchar.

Cuando responde el radio que inició la emergencia:

- El LED parpadea en color rojo.
- La pantalla muestra el ícono de **Llamada de emergencia**, el ID o alias de grupo de

#### 5.7.20.6

### Respuesta a alarmas de emergencia con una llamada

Siga el procedimiento para responder a alarmas de emergencia con una llamada en el radio.

Cuando recibe una llamada de emergencia:

- El tono de llamada de emergencia suena si la indicación de llamada de emergencia y el tono de decodificación de llamada de emergencia están activados. El tono de llamada de emergencia no sonará si solo está activada la indicación de llamada de emergencia.
- La pantalla muestra el ícono de **Llamada de emergencia** en la esquina superior derecha.



conversación de emergencia o la conversación de emergencia y el ID o alias del radio transmisor.



### **AVISO:**

Si la indicación de llamada de emergencia no está activada, la pantalla muestra el ícono de **Llamada de grupo**, el ID o alias de grupo de conversación de emergencia y el ID o alias del radio transmisor.



### **AVISO:**

Si la configuración para cancelar la emergencia está activada en el radio transmisor, la alarma de emergencia del radio receptor se detendrá y el estado se agregará a la Lista de alarmas del radio receptor.

#### 5.7.20.7

### Salida del modo de emergencia

Presione el botón programado **Emergencia desactivada**.

Se mostrarán las siguientes indicaciones en el radio:

- El tono cesó.
- El LED rojo se apagó.
- Cuando se recibe un aviso, en la pantalla del radio transmisor se muestra `Cancelar emerg. correcta`. Si no se obtiene confirmación, en la pantalla se mostrará `Cancelar emerg. falló`.

#### 5.7.21

### Mensajes de texto

El radio puede recibir datos, por ejemplo un mensaje de texto, desde otro radio o desde una aplicación de mensaje de texto.

Existen dos tipos de mensajes de texto: mensajes de texto cortos de radio móvil digital (DMR) y mensajes de texto. La extensión máxima de un mensaje de texto corto de DMR es de 23 caracteres. La extensión máxima de un mensaje de texto es de 280 caracteres, incluida la línea de asunto.

La línea de asunto solo aparece cuando recibe mensajes desde aplicaciones de correo electrónico.



#### AVISO:

La extensión máxima de caracteres se aplica solo a los modelos con la última versión de software y hardware. Para modelos de radio con versiones antiguas de software y hardware, la extensión máxima de un mensaje de texto es de 140 caracteres. Comuníquese con su distribuidor para solicitar más información.

#### 5.7.21.1

### Mensajes de texto

Los mensajes de texto se almacenan en un buzón y se ordenan de más recientes a menos.

El radio sale de la pantalla actual una vez que transcurre el tiempo de inactividad. Presione de manera prolongada



en cualquier momento para volver a la pantalla Inicio.

#### 5.7.21.1.1

### Visualización de mensajes de texto

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Mensajes. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para ir a Bandeja de entrada. Presione  para realizar la selección.  
Si el buzón está vacío:
  - La pantalla muestra Lista vacía.
  - Se oye un tono si el tono de teclado está activado.

---

- 4 Presione ▲ o ▼ para acceder al mensaje requerido. Presione  para realizar la selección.  
Puede que se muestre una línea de asunto si el mensaje procede de una aplicación de correo electrónico.

---

### 5.7.21.1.2

## Visualización de los mensajes de texto con estado telemétrico

Siga el procedimiento para ver un mensaje de texto con estado telemétrico del buzón de entrada.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para acceder a Mensajes.  
Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para Bandeja de entrada.  
Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para acceder al mensaje requerido. Presione  para realizar la selección.

No puede responder a un mensaje de texto con estado telemétrico.

La pantalla muestra Telemetría: <Mensaje de texto del estado>.

- 5 Mantenga presionado  para regresar a la pantalla de inicio.

### 5.7.21.1.3

## Visualización de mensajes de texto guardados

- 1 Realice uno de los siguientes pasos:
  - Presione el botón programado **Mensaje de texto**. Continúe con [paso 3](#).
  - Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Mensajes. Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para ir a Borradores. Presione



para realizar la selección.

- 4 Presione ▲ o ▼ para acceder al mensaje

requerido. Presione  para realizar la selección.

#### 5.7.21.1.4

### Respuesta a mensajes de texto

Cuando recibe un mensaje de texto:

- La pantalla muestra la lista de notificaciones con el alias o el ID del remitente.
- La pantalla muestra el ícono **Mensaje**.



#### AVISO:

El radio sale de la pantalla Alerta de mensajes de texto y realiza una llamada privada o grupal al remitente del mensaje si se presiona el botón **PTT**.

- 1 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para ir a Leer. Presione  para realizar la selección.

La pantalla muestra el mensaje de texto. Puede que se muestre una línea de asunto si el mensaje procede de una aplicación de correo electrónico.

- Presione ▲ o ▼ para ir a Leer más tarde.

Presione  para realizar la selección.

El radio regresará a la pantalla en la que se encontraba antes de recibir el mensaje de texto.

- Presione ▲ o ▼ para Borrar. Presione  para realizar la selección.

2

Presione  para regresar a Bandeja de entrada.

#### 5.7.21.1.5

### Respuesta a mensajes de texto con texto rápido

- 1 Realice uno de los siguientes pasos:

- Presione el botón programado **Mensaje de texto**. Siga al paso 3.

- Presione  para obtener acceso al menú.
- 

2 Presione ▲ o ▼ para acceder a Mensajes.

Presione  para realizar la selección.

---

3 Presione ▲ o ▼ para Bandeja de entrada.

Presione  para realizar la selección.

---

4 Presione ▲ o ▼ para acceder al mensaje

requerido. Presione  para realizar la selección.

Puede que se muestre una línea de asunto si el mensaje procede de una aplicación de correo electrónico.

---

5 Presione  para acceder al submenú.

---

6 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para acceder a Responder.

Presione  para realizar la selección.

---

- Presione ▲ o ▼ para acceder a Respuesta

rápida. Presione  para realizar la selección.

Aparece un cursor intermitente. Puede escribir o editar el mensaje, si es necesario.

---

7

Presione  una vez que haya redactado el mensaje.

La pantalla muestra un miniaviso de transición que confirma que el mensaje se está enviando.

---

8 Espere a que aparezca una confirmación.

Si se realizó correctamente:

- Se emite un tono.
- La pantalla muestra un miniaviso positivo.

Si no lo es:

- Se emite un tono.
  - La pantalla muestra un miniaviso negativo.
  - El radio vuelve a la pantalla de la opción Reenviar.
-

## 5.7.21.1.6

**Transferencia de mensajes de texto**

Cuando se encuentre en la pantalla de la opción Reenviar:

- 1 Presione ▲ o ▼ para ir a Reenviar, y presione  para enviar el mismo mensaje a otro ID o alias de grupo o suscriptor.

---

- 2 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección. La pantalla muestra un miniaviso de transición que confirma que el mensaje se está enviando.

---

- 3 Espere a que aparezca una confirmación. Si se realizó correctamente:
  - Se emite un tono.
  - La pantalla muestra un miniaviso positivo.
 Si no lo es:
  - Se emite un tono.

- La pantalla muestra un miniaviso negativo.

## 5.7.21.1.7

**Transferencia de mensajes de texto mediante la marcación manual**

- 1 Presione ▲ o ▼ para ir a Reenviar. Presione  para realizar la selección.

---

- 2 Presione  para enviar el mismo mensaje a otro suscriptor o alias de grupo, o a otro ID.

---

- 3 Presione ▲ o ▼ para ir a Marcación manual. Presione  para realizar la selección. La pantalla muestra Número del radio:.

4

Ingrese el ID del suscriptor y presione  para continuar.

La pantalla muestra un miniaviso de transición que confirma que el mensaje se está enviando.

---

5 Espere a que aparezca una confirmación.

Si se realizó correctamente:

- Se emite un tono.
- La pantalla muestra un miniaviso positivo.

Si no lo es:

- Se emite un tono.
  - La pantalla muestra un miniaviso negativo.
- 

#### 5.7.21.1.8

### Edición de mensajes de texto

Seleccione **Editar** para editar el mensaje.



#### AVISO:

Si existe un asunto (para los mensajes recibidos desde una aplicación de correo electrónico), no puede editarlo.

1 Presione  o  para acceder a **Editar**. Presione



para realizar la selección.

La pantalla muestra un cursor intermitente.

---

2 Use el teclado para editar su mensaje.

- Presione  para moverse un espacio hacia la izquierda.
  - Presione  o  para moverse un espacio hacia la derecha.
  - Presione  para eliminar los caracteres no deseados.
  - Presione prolongadamente  para cambiar el método de entrada de texto.
-

3

Presione  una vez que haya redactado el mensaje.

4 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para **Enviar** y presione  para enviar el mensaje.
- Presione ▲ o ▼ para **Guardar** y presione  para guardar el mensaje en la carpeta Borradores.
- Presione  para editar el mensaje.
- Presione  para seleccionar entre eliminar el mensaje o guardarlo en la carpeta Borradores.

Seleccione el destinatario del mensaje. Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.
- Presione ▲ o ▼ para ir a **Marcación manual**.

Presione  para realizar la selección. La primera línea de la pantalla muestra **Número del radio**. En la segunda línea de la pantalla se muestra un cursor que parpadea. Escriba el alias

o ID del suscriptor. Presione .

La pantalla muestra un miniaviso de transición que confirma que el mensaje se está enviando.

Si se realizó correctamente:

- Se emite un tono.
- La pantalla muestra un miniaviso positivo.

Si no lo es:

- Se emite un tono bajo.
- La pantalla muestra un miniaviso negativo.

### 5.7.21.1.9

## Envío de mensajes de texto

Se asume que tiene un nuevo mensaje de texto escrito o un mensaje de texto guardado.



- El mensaje se trasladará a la carpeta Elementos enviados.
- El mensaje se marca con un ícono de Error de envío.



### AVISO:

Para un nuevo mensaje de texto escrito, el radio vuelve a la pantalla de opción Reenviar.

#### 5.7.21.1.10

### Edición de mensajes de texto guardados

1

Presione  mientras ve el mensaje.

2

Presione  o  ir a Editar. Presione  para realizar la selección.

Aparece un cursor intermitente.

3

Use el teclado para escribir el mensaje.

Presione  para moverse un espacio hacia la izquierda.

Presione  o  para moverse un espacio hacia la derecha.

Presione  para eliminar los caracteres no deseados.

Presione prolongadamente  para cambiar el método de entrada de texto.

4

Presione  una vez que haya redactado el mensaje.

Realice uno de los siguientes pasos:

- Presione  o  para ir a Enviar. Presione



para enviar el mensaje.

- Presione . Presione  o  para elegir entre guardar o eliminar el mensaje. Presione



para realizar la selección.

## 5.7.21.1.11

**Reenvío de mensajes de texto**

Cuando se encuentre en la pantalla de la opción Reenviar:

Presione  para reenviar el mismo mensaje al mismo suscriptor o alias o ID de grupo.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- La pantalla muestra un miniaviso positivo.

Si no lo es:

- Suena un tono indicador negativo.
- La pantalla muestra un miniaviso negativo.
- El radio vuelve a la pantalla de la opción Reenviar.

## 5.7.21.1.12

**Eliminación de todos los mensajes de texto desde el Buzón**

1 Realice uno de los siguientes pasos:

- Presione el botón programado **Mensaje de texto**. Continúe con [paso 3](#).
- Presione  para obtener acceso al menú.

2 Presione ▲ o ▼ para ir a Mensajes. Presione

 para realizar la selección.

3 Presione ▲ o ▼ para ir a Bandeja de entrada.

Presione  para realizar la selección.

Si el buzón está vacío:

- La pantalla muestra Lista vacía.
- Se emite un tono.

4 Presione ▲ o ▼ para ir a Borrar todo. Presione

 para realizar la selección.

5

Presione ▲ o ▼ para ir a **Sí**. Presione  para realizar la selección.

La pantalla muestra un miniaviso positivo.

---

#### 5.7.21.1.13

### Eliminación de mensajes de texto guardados de la carpeta Borradores

1 Realice uno de los siguientes pasos:

- Presione el botón programado **Mensaje de texto**. Continúe con [paso 3](#).

- Presione  para obtener acceso al menú.
- 

2 Presione ▲ o ▼ para ir a **Mensajes**. Presione



para realizar la selección.

---

3 Presione ▲ o ▼ para ir a **Borradores**. Presione



para realizar la selección.

---

4 Presione ▲ o ▼ para acceder al mensaje

requerido. Presione  para realizar la selección.

---

5

Presione  nuevamente mientras visualiza el mensaje.

---

6

Presione ▲ o ▼ para **Borrar**. Presione  para eliminar el mensaje de texto.

---

#### 5.7.21.2

### Mensajes de texto enviados

Una vez que el mensaje se haya enviado a otro radio, se guarda en la carpeta Enviados. El mensaje de texto enviado más recientemente siempre se agrega a la parte superior de la carpeta Enviados. Puede volver a enviar, transferir, editar o eliminar un mensaje de texto enviado.

La carpeta Enviados puede almacenar un máximo de 30 mensajes enviados últimamente. Si la carpeta está completa, el siguiente mensaje de texto enviado reemplaza automáticamente al mensaje de texto más antiguo de la carpeta.

Si sale de la pantalla de envío de mensaje mientras el mensaje se está enviando, el radio actualiza el estado del mensaje en la carpeta Enviados sin realizar ninguna indicación en la pantalla ni mediante ningún sonido.

Si el radio cambia de modo o se apaga antes de que se actualice el estado del mensaje en la carpeta Elementos enviados, no puede completar ningún mensaje en progreso y lo marca automáticamente con el ícono **Error de envío**.

El radio admite un máximo de cinco mensajes en progreso a la vez. Durante este período, el radio no puede enviar ningún mensaje nuevo y lo marca automáticamente con el ícono **Error de envío**.

Si presiona  de manera prolongada en cualquier momento, el radio regresa a la pantalla Inicio.



#### AVISO:

Si el tipo de canal, por ejemplo, un canal digital convencional o un canal de Capacity Plus, no coincide, solo puede editar, reenviar o eliminar un mensaje enviado.

#### 5.7.21.2.1

## Visualización de mensajes de texto enviados

1 Realice uno de los siguientes pasos:

- Presione el botón programado **Mensaje de texto**. Continúe con [paso 3](#).
- Presione  para obtener acceso al menú.

2 Presione  o  para ir a Mensajes. Presione



para realizar la selección.

3 Presione  o  para ir a Elementos enviados.

Presione  para realizar la selección.

Si la carpeta Enviados está vacía:

- La pantalla muestra **Lista vacía**.
- Suena un tono bajo si el tono del teclado está activado.

- 4 Presione ▲ o ▼ para acceder al mensaje requerido. Presione  para realizar la selección. La pantalla muestra una línea de asunto si se trata de un mensaje de una aplicación de correo electrónico.
- 

### 5.7.21.2.2

## Envío de mensajes de texto enviados

Cuando visualice un mensaje enviado:

- 1 Presione  .
- 
- 2 Presione ▲ o ▼ para ir a Volver a enviar. Presione  para realizar la selección. La pantalla muestra un miniaviso de transición que confirma que el mensaje se está enviando.
- 
- 3 Espere a que aparezca una confirmación. Si se realizó correctamente:

- Se emite un tono.
  - La pantalla muestra un miniaviso positivo. Si no lo es:
  - Se emite un tono.
  - La pantalla muestra un miniaviso negativo.
  - El radio continúa con la pantalla de la opción Volver a enviar. Consulte [Reenvío de mensajes de texto en la página 197](#) para obtener más información.
- 

### 5.7.21.2.3

## Eliminación de todos los mensajes de texto enviados de la carpeta Enviados

Siga el procedimiento para eliminar todos los mensajes de texto enviados de la carpeta Enviados en el radio.

- 1 Realice uno de los siguientes pasos:
- Presione el botón programado **Mensaje de texto**. Continúe con [paso 3](#).
  - Presione  para obtener acceso al menú.
-

- 2 Presione ▲ o ▼ para acceder a Mensajes.

Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para acceder a Elementos enviados. Presione  para realizar la selección.

Si la carpeta Enviados está vacía:

- La pantalla muestra Lista vacía.
- Se emite un tono.

- 4 Presione ▲ o ▼ para Borrar todo. Presione  para realizar la selección.

- 5 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para acceder a Sí. Presione  para realizar la selección.  
La pantalla muestra un miniaviso positivo.
- Presione ▲ o ▼ para No. Presione  para realizar la selección.

El radio regresa a la pantalla anterior.

### 5.7.21.3

## Mensajes de texto rápido

El radio admite un máximo de 50 mensajes de texto rápido, que es la configuración programada por el distribuidor.

Si bien los mensajes de texto rápido están predefinidos, puede editar cada mensaje antes de enviarlo.

### 5.7.21.3.1

## Envío de mensajes de texto rápidos

Siga el procedimiento para enviar mensajes de texto rápidos predefinidos en el radio a un alias predefinido.

- 1 Presione el botón programado **Acceso instantáneo**.

La pantalla muestra un miniaviso de transición que confirma que el mensaje se está enviando.

- 2 Espere a que aparezca una confirmación.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- La pantalla muestra un miniaviso positivo.

Si no lo es:

- Suena un tono indicador negativo.
- La pantalla muestra un miniaviso negativo.
- El radio continúa con la pantalla de la opción Volver a enviar. Consulte [Reenvío de mensajes de texto en la página 197](#) para obtener más información.

### 5.7.22

## Configuración de entrada de texto

El radio le permite configurar otro texto.

Puede configurar los siguientes ajustes de introducción de texto en el radio:

- Predicción de palabras
- Corrección de palabras
- Mayúscula al inicio de la oración
- Mis palabras

Su radio es compatible con los siguientes métodos de entrada de texto:

- Números

- Símbolos
- Predictivo o de pulsaciones múltiples
- Idioma (si está programado)



### AVISO:

Presione  en cualquier momento para volver a la pantalla anterior o mantenga presionado  para volver a la pantalla de inicio. El radio sale de la pantalla actual una vez que transcurre el tiempo de inactividad.

### 5.7.22.1

## Predicción de palabras

El radio puede aprender secuencias de palabras comunes que se ingresan a menudo. En ese caso, predice la siguiente palabra que el usuario podría utilizar después de haber escrito en el editor de texto la primera palabra de una secuencia común.

1

Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione



para realizar la selección.

- 3 Presione ▲ o ▼ para ir a Configuración del

radio. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para Entrada texto. Presione



para realizar la selección.

- 5 Presione ▲ o ▼ para Predicción de palabras.

Presione  para realizar la selección.

- 6 Realice uno de los siguientes pasos:

- Presione  para activar la Predicción de palabras. Si está activado, ✓ aparece al lado de Activado.
- Presione  para desactivar el Control de distorsión dinámico del micrófono. Si está

desactivado, ✓ desaparece de al lado de Activado.

### 5.7.22.2

## Mayúscula al inicio de la oración

Esta función se usa para habilitar automáticamente las mayúsculas en la primera letra de la primera palabra de cada nueva oración.

1

Presione  para obtener acceso al menú.

2

Presione ▲ o ▼ para ir a Utilidades. Presione



para realizar la selección.

3

Presione ▲ o ▼ para ir a Configuración del

radio. Presione  para realizar la selección.

4

Presione ▲ o ▼ para acceder a Entrada de



texto. Presione  para realizar la selección.



- 5 Presione ▲ o ▼ para Frase mayús.. Presione



para realizar la selección.

---

- 6 Realice uno de los siguientes pasos:

- Presione  para activar Mayúscula al inicio de la oración. Si está activado, ✓ aparece al lado de Activado.
  - Presione  para desactivar Mayúscula al inicio de la oración. Si está desactivado, ✓ desaparece de al lado de Activado.
- 

### 5.7.22.3

## Visualización de palabras personalizadas

Puede añadir sus propias palabras personalizadas en el diccionario integrado del radio. El radio almacena una lista que contiene estas palabras.

1



Presione para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione



para realizar la selección.

---

- 3 Presione ▲ o ▼ para ir a Configuración del

radio. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para acceder a Entrada de

texto. Presione  para realizar la selección.

---

- 5 Presione ▲ o ▼ para Mis palabras. Presione



para realizar la selección.

---

- 6 Presione ▲ o ▼ para Lista de palabras.

Presione  para realizar la selección.

La pantalla muestra la lista de palabras personalizadas.

---

## 5.7.22.4

**Edición de palabras personalizadas**

Puede editar las palabras personalizadas guardadas en el radio.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para Entrada texto. Presione  para realizar la selección.

---

- 5 Presione ▲ o ▼ para Mis palabras. Presione  para realizar la selección.

---

- 6 Presione ▲ o ▼ para Lista de palabras.

Presione  para realizar la selección.

La pantalla muestra la lista de palabras personalizadas.

- 
- 7 Presione ▲ o ▼ para acceder a la palabra requerida. Presione  para realizar la selección.

---

  - 8 Presione ▲ o ▼ para acceder a Editar. Presione  para realizar la selección.

---

  - 9 Utilice el teclado para editar la palabra personalizada.
    - Presione ◀ para moverse un espacio hacia la izquierda.
    - Presione la tecla ▶ para moverse un espacio hacia la derecha.
    - Presione la tecla  para eliminar los caracteres no deseados.

- Presione prolongadamente  para cambiar el método de entrada de texto.

10

Presione  una vez que se complete la personalización de la palabra.

La pantalla muestra un miniaviso de transición, lo cual confirma que la palabra personalizada se está guardando.

- Cuando la palabra personalizada se guarda, se escucha un tono y la pantalla muestra un miniaviso positivo.
- Si no se guarda la palabra personalizada, se emite un tono bajo y la pantalla muestra un miniaviso negativo.

### 5.7.22.5

## Adición de palabras personalizadas

Puede agregar palabras personalizadas al diccionario integrado en el radio.

1

Presione  para obtener acceso al menú.

2 Presione  o  para ir a Utilidades. Presione  para realizar la selección.

3 Presione  o  para ir a Configuración del radio. Presione  para realizar la selección.

4 Presione  o  para ir a Entrada de texto. Presione  para realizar la selección.

5 Presione  o  para ir a Mis palabras. Presione  para realizar la selección.

6 Presione  o  para ir a Agregar una palabra nueva. Presione  para realizar la selección.  
La pantalla muestra la lista de palabras personalizadas.

7 Utilice el teclado para editar la palabra personalizada.

- Presione  para moverse un espacio hacia la izquierda.
- Presione la tecla  para moverse un espacio hacia la derecha.
- Presione la tecla  para eliminar los caracteres no deseados.
- Presione prolongadamente  para cambiar el método de entrada de texto.

8

Presione  una vez que se complete la personalización de la palabra.

La pantalla muestra un miniaviso de transición, lo cual confirma que la palabra personalizada se está guardando.

- Cuando la palabra personalizada se guarda, se escucha un tono y la pantalla muestra un miniaviso positivo.
- Si no se guarda la palabra personalizada, se emite un tono bajo y la pantalla muestra un miniaviso negativo.

## 5.7.22.6

## Eliminación de palabras personalizadas

Puede eliminar las palabras personalizadas guardadas en el radio.

1

Presione  para obtener acceso al menú.

2

Presione  o  para ir a Utilidades. Presione  para realizar la selección.

3

Presione  o  para ir a Configuración del radio. Presione  para realizar la selección.

4

Presione  o  para ir a Entrada texto. Presione  para realizar la selección.

5

Presione  o  para ir a Mis palabras. Presione  para realizar la selección.

6 Presione ▲ o ▼ para acceder a la palabra requerida. Presione  para realizar la selección.

---

7 Presione ▲ o ▼ para Borrar. Presione  para realizar la selección.

---

8 Elija una opción de las siguientes:

- En ¿Eliminar entrada?, presione  para seleccionar Sí. La pantalla muestra Entrada eliminada.
  - Presione ▲ o ▼ para ir a No. Presione  para volver a la pantalla anterior.
- 

### 5.7.22.7

## Eliminación de todas las palabras personalizadas

Puede eliminar todas las palabras personalizadas del diccionario integrado del radio.

1 Presione  para obtener acceso al menú.

---

2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

4 Presione ▲ o ▼ para ir a Entrada texto. Presione  para realizar la selección.

---

5 Presione ▲ o ▼ para ir a Mis palabras. Presione  para realizar la selección.

---

6 Presione ▲ o ▼ para ir a Borrar todo. Presione  para realizar la selección.

---

7 Realice uno de los siguientes pasos:

- En ¿Eliminar entrada?, presione  para seleccionar Sí. La pantalla muestra Entrada eliminada.
- Presione  o  para ir a No y volver a la pantalla anterior. Presione  para realizar la selección.

### 5.7.23

## Privacidad

La función de privacidad lo ayudará a evitar el uso indebido por parte de usuarios no autorizados en un canal mediante una solución de codificación basada en software. Los fragmentos de señalización e identificación del usuario de una transmisión no están codificados.

Su radio debe tener la privacidad activada en el canal para enviar una transmisión con privacidad activada, aunque esto no sea un requisito necesario para recibir una transmisión. Mientras esté en un canal con privacidad activada, el radio todavía podrá recibir transmisiones decodificadas o claras.

Su radio admite la privacidad mejorada.

Para decodificar una transmisión de datos o una llamada con privacidad activada, el radio debe estar programado para tener el mismo valor de clave y e ID de clave para la privacidad que el radio transmisor.

Si el radio recibe una llamada codificada con un valor de clave y una ID de clave diferentes, no escuchará nada en privacidad mejorada.

En un canal con privacidad activada, el radio puede recibir transmisiones no encriptadas, según cómo esté programado el radio. Además, el radio puede reproducir un tono de advertencia o no, según cómo esté programado.



#### AVISO:

Esta función no se aplica a canales de la banda de ciudadanos que están en la misma frecuencia.

El LED se enciende en color verde mientras el radio transmite y parpadea dos veces cuando el radio recibe una transmisión continua con privacidad activada.



#### AVISO:

Es posible que algunos modelos de radio no ofrezcan esta función de privacidad, o que tengan una configuración diferente. Para obtener más información, consulte a su proveedor o administrador del sistema.

### 5.7.23.1

## Status Message

Esta función permite al usuario enviar mensajes de estado a otros radios.

La lista de estados rápidos se configura mediante el CPS-RM y consta de hasta un máximo de 99 estados.

La longitud máxima de cada mensaje de estado es 16 caracteres.



#### AVISO:

Cada estado tiene un valor digital correspondiente que va desde 0 a 99. Se puede especificar un alias para cada estado para facilitar la referencia.

### 5.7.23.1.1

## Envío de mensajes de estado

Siga el procedimiento a continuación para enviar un mensaje de estado.

- 1 Realice uno de los siguientes pasos:
  - Presione el botón programado **Acceso instantáneo**. Omita los pasos siguientes.

- Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para acceder a Estado. Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para acceder a Estado rápido. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para acceder al mensaje de estado requerido. Presione  para realizar la selección.

- 5 Presione ▲ o ▼ para acceder al alias o el ID del suscriptor, o al alias o el ID de grupo. Presione  para realizar la selección.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- El LED se apaga.

- En la pantalla aparece un miniaviso positivo momentáneamente antes de volver a la pantalla Estado rápido.
- En la pantalla aparece  junto al mensaje de estado enviado.

Si no lo es:

- Suena un tono indicador negativo.
- El LED se apaga.
- En la pantalla aparece el aviso de error momentáneamente antes de volver a la pantalla de Estado rápido.

#### 5.7.23.1.2

### Envío de un mensaje de estado mediante un botón programable

Siga el procedimiento para enviar un mensaje de estado mediante el botón programable.

- 1 Presione el botón programado **Mensaje de estado**.**

- 2 Presione  o  para acceder al mensaje de estado requerido. Presione  para realizar la selección. Aparece la lista de contactos.**

- 3 Presione  o  para acceder al alias o el ID del suscriptor, o al alias o el ID de grupo. Presione  para realizar la selección.**

Si se realizó correctamente:

- Suena un tono indicador positivo.
- El LED se apaga.
- La pantalla muestra un miniaviso positivo momentáneamente antes de volver a la pantalla Estado rápido.
- La pantalla muestra  junto al mensaje de estado enviado.

Si no se realiza correctamente:

- Suena un tono indicador negativo.
- El LED se apaga.



- La pantalla muestra el aviso de error momentáneamente antes de volver a la pantalla de Estado rápido.

### 5.7.23.1.3

## Envío de un mensaje de estado mediante la lista de contactos

Siga el procedimiento para enviar un mensaje de estado mediante la lista de contactos.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para acceder a Contactos.  
Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para acceder al alias o el ID del suscriptor, o al alias o el ID de grupo. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para acceder a Enviar estado.

Presione  para realizar la selección.

- 5 Presione ▲ o ▼ para acceder al mensaje de estado requerido. Presione  para realizar la selección.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- El LED se apaga.
- La pantalla muestra un miniaviso positivo momentáneamente antes de volver a la pantalla Estado rápido.
- La pantalla muestra ✓ junto al mensaje de estado enviado.

Si no se realiza correctamente:

- Suena un tono indicador negativo.
- El LED se apaga.
- La pantalla muestra el aviso de error momentáneamente antes de volver a la pantalla de Estado rápido.

## 5.7.23.1.4

**Envío de un mensaje de estado mediante marcación manual**

Siga el procedimiento para enviar un mensaje de estado mediante la marcación manual.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para acceder a **Contactos**.  
Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para acceder a **Marcación manual**. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para acceder a **Número del radio**. Presione  para realizar la selección.

---

- 5 Ingrese el ID o el alias del suscriptor, o el ID o el alias de grupo y presione  para continuar.

---

- 6 Presione ▲ o ▼ para acceder a **Enviar estado**.

Presione  para realizar la selección.

---

- 7 Presione ▲ o ▼ para acceder al mensaje de

estado requerido. Presione  para realizar la selección.

---

Si se realizó correctamente:

- Suena un tono indicador positivo.
- El LED se apaga.
- La pantalla muestra un miniaviso positivo momentáneamente antes de volver a la pantalla **Estado rápido**.
- La pantalla muestra  junto al mensaje de estado enviado.

Si no se realiza correctamente:

- Suena un tono indicador negativo.
- El LED se apaga.
- La pantalla muestra el aviso de error momentáneamente antes de volver a la pantalla de **Estado rápido**.

### 5.7.23.1.5

## Visualización de mensajes de estado

Siga el procedimiento para ver mensajes de estado.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para acceder a Estado. Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para acceder al Buzón. Presione  para realizar la selección.
- 4 Presione ▲ o ▼ para acceder al mensaje de estado requerido. Presione  para realizar la selección.  
El contenido del mensaje de estado se muestra al usuario del radio.

Los mensajes de estado recibidos también se pueden mediante el acceso a la Lista de notificaciones. Para

obtener más información, consulte [Lista de notificaciones en la página 227](#).

### 5.7.23.1.6

## Respuesta a mensajes de estado

Siga el procedimiento para responder a mensajes de estado.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para acceder a Estado. Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para Bandeja de entrada.  
Presione  para realizar la selección.
- 4 Presione ▲ o ▼ para acceder al mensaje de estado requerido. Presione  para realizar la selección.

- 5 Se muestra el contenido del estado. Presione  para realizar la selección.

- 6 Presione ▲ o ▼ para acceder a Responder.  
Presione  para realizar la selección.

- 7 Presione ▲ o ▼ para acceder al mensaje de estado requerido. Presione  para realizar la selección.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- El LED se apaga.
- La pantalla muestra un miniaviso positivo antes de volver a la pantalla Buzón.
- La pantalla muestra  junto al mensaje de estado enviado.

Si no se realiza correctamente:

- Suena un tono indicador negativo.
- El LED se apaga.

- La pantalla muestra el aviso de error momentáneamente antes de volver a la pantalla de Buzón.

#### 5.7.23.1.7

### Eliminación de un mensaje de estado

Siga el procedimiento para eliminar un mensaje de estado del radio.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para acceder a Estado. Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para Bandeja de entrada.  
Presione  para realizar la selección.
- 4 Presione ▲ o ▼ para acceder al mensaje de estado requerido. Presione  para realizar la selección.

5 Se muestra el contenido del estado. Presione  para realizar la selección.

---

6 Presione ▲ o ▼ para Borrar. Presione  para realizar la selección.

---

7 Presione ▲ o ▼ para acceder a Sí. Presione  para realizar la selección.

---

- La pantalla muestra un miniaviso positivo antes de volver a la pantalla Buzón.

### 5.7.23.1.8

## Eliminación de todos los mensajes de estado

Siga el procedimiento para eliminar todos los mensajes de estado del radio.

1 Presione  para obtener acceso al menú.

---

2 Presione ▲ o ▼ para acceder a Estado. Presione  para realizar la selección.

---

3 Presione ▲ o ▼ para Bandeja de entrada. Presione  para realizar la selección.

---

4 Presione ▲ o ▼ para Borrar todo. Presione  para realizar la selección.

---

5 Presione ▲ o ▼ para acceder a Sí. Presione  para realizar la selección.

---

- La pantalla muestra Lista vacía.

### 5.7.23.2

## Activación o desactivación de la privacidad

Siga el procedimiento para activar o desactivar la privacidad en el radio.

### 1 Realice uno de los siguientes pasos:

- Presione el botón programado **Privacidad**. Omita los siguientes pasos.

- Presione  para obtener acceso al menú.

### 2 Presione ▲ o ▼ para ir a Utilidades. Presione

 para realizar la selección.

### 3 Presione ▲ o ▼ para ir a Configuración del

radio. Presione  para realizar la selección.

### 4 Presione ▲ o ▼ para acceder a Privacidad.

Presione  para realizar la selección.

### 5 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para obtener acceso a Enc.

Presione  para realizar la selección. En la pantalla se muestra  junto a Encendido.

- Presione ▲ o ▼ para Apag.. Presione  para realizar la selección. En la pantalla se muestra  junto a Apagado.

#### 5.7.24

## Inhibición de respuesta

Esta función ayuda a evitar que el radio responda a cualquier transmisión entrante.



### AVISO:

Comuníquese con su proveedor para determinar cómo se programó el radio.

Si está activado, el radio no genera transmisiones salientes en respuesta a transmisiones entrantes, tales como verificación de radio, alerta de llamada, desactivar radio, monitor remoto, servicio de registro automático (ARS), respuesta a mensajes privados y envío de informes de ubicación GNSS.

El radio no puede recibir llamadas privadas confirmadas cuando esta función está activada. Sin embargo, puede enviar manualmente la transmisión.

5.7.24.1

## Activación/desactivación de Inhibición de respuesta

Siga el procedimiento para activar o desactivar Inhibición de respuesta en el radio.

Presione el botón programado **Inhibición de respuesta**.

---

Si se realizó correctamente:

- Suena un tono indicador positivo.
- En la pantalla aparece brevemente un miniaviso positivo.

Si no lo es:

- Suena un tono indicador negativo.
- En la pantalla aparece un miniaviso negativo momentáneo.

5.7.25

## Paralización/reactivación



Capacity Max

Esta función le permite activar o desactivar cualquier radio en el sistema. Por ejemplo, puede que el distribuidor o administrador del sistema quiera desactivar un radio robado para impedir que usuarios no autorizados lo utilicen, y activar ese radio una vez recuperado.

Un radio se puede desactivar (bloquearse automáticamente) o activar (reactivarse), ya sea a través de la consola o a través de un comando iniciado por otro radio.

Una vez que el radio se desactiva, suena un tono indicador negativo y en la pantalla de inicio aparece el mensaje **Canal denegado**.

Si un radio se bloquea, este no puede solicitar ni recibir ningún servicio iniciado por el usuario en el sistema que realizó el procedimiento de bloqueo. Sin embargo, el radio puede cambiar a otro sistema. El radio continúa enviando

informes de ubicación GNSS y se puede monitorear de forma remota cuando está bloqueado.



#### AVISO:

El distribuidor o administrador del sistema puede desactivar un radio de forma permanente. Consulte [Inhabilitación del radio en la página 223](#) para obtener más información.

#### 5.7.25.1

### Bloqueo automático de un radio

Siga el procedimiento para desactivar un radio.

1 Presione el botón programado **Desactivar radio**.

2 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección. La pantalla muestra Desactivar radio: <Alias o ID del suscriptor>. El LED verde parpadea.

3 Espere a que aparezca una confirmación. Si se realizó correctamente:

- Suena un tono indicador positivo.

- La pantalla muestra un miniaviso positivo.

Si no se realiza correctamente:

- Suena un tono indicador negativo.
- La pantalla muestra un miniaviso negativo.

#### 5.7.25.2

### Bloqueo automático de un radio mediante la lista de contactos

Siga el procedimiento para desactivar el radio mediante la lista de contactos.

1 Presione  para obtener acceso al menú.

2 Presione ▲ o ▼ para acceder a Contactos. Presione  para realizar la selección.

3 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.



- 4 Presione ▲ o ▼ para acceder a Desactivar radio. Presione  para realizar la selección. La pantalla muestra Desactivar radio: <Alias o ID del suscriptor>. El LED verde parpadea.
- 

- 5 Espere a que aparezca una confirmación. Si se realizó correctamente:
- Suena un tono indicador positivo.
  - La pantalla muestra un miniaviso positivo.
- Si no se realiza correctamente:
- Suena un tono indicador negativo.
  - La pantalla muestra un miniaviso negativo.
- 

### 5.7.25.3

## Bloqueo automático de un radio mediante la marcación manual

Siga el procedimiento para desactivar el radio mediante la marcación manual.

- 1 Presione  para obtener acceso al menú.
- 
- 2 Presione ▲ o ▼ para acceder a Contactos. Presione  para realizar la selección.
- 
- 3 Presione ▲ o ▼ para acceder a Marcación manual. Presione  para realizar la selección.
- 
- 4 Presione ▲ o ▼ para acceder a Número del radio. Presione  para realizar la selección. La primera línea de texto muestra Número del radio:.
- 
- 5 Ingrese el ID del suscriptor y presione  para continuar.
-

- 6 Presione ▲ o ▼ para acceder a Desactivar radio. Presione  para realizar la selección. La pantalla muestra un miniaviso de transición que indica que la solicitud está en curso. El LED verde parpadea.

- 7 Espere a que aparezca una confirmación.
- Si se realizó correctamente:
- Suena un tono indicador positivo.
  - La pantalla muestra un miniaviso positivo.
- Si no se realiza correctamente:
- Suena un tono indicador negativo.
  - La pantalla muestra un miniaviso negativo.

#### 5.7.25.4

### Reactivación de un radio

Siga el procedimiento para activar un radio.

- 1 Presione el botón programado **Activar radio**.

- 2 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección. La pantalla muestra Activar radio: <Alias o ID del suscriptor>. La luz LED verde se enciende.

- 3 Espere a que aparezca una confirmación.
- Si se realizó correctamente:
- Suena un tono indicador positivo.
  - La pantalla muestra un miniaviso positivo.
- Si no se realiza correctamente:
- Suena un tono indicador negativo.
  - La pantalla muestra un miniaviso negativo.

#### 5.7.25.5

### Reactivación de un radio mediante la lista de contactos

Siga el procedimiento para activar un radio mediante la lista de contactos.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para acceder a Contactos.  
Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para acceder a Activar radio.  
Presione  para realizar la selección.  
La pantalla muestra Activar radio: <Alias o ID del suscriptor>. La luz LED verde se enciende.

---

- 5 Espere a que aparezca una confirmación.  
Si se realizó correctamente:
  - Suena un tono indicador positivo.
  - La pantalla muestra un miniaviso positivo.
 Si no se realiza correctamente:
  - Suena un tono indicador negativo.

- La pantalla muestra un miniaviso negativo.

#### 5.7.25.6

### Reactivación de un radio mediante la marcación manual

Siga el procedimiento para activar un radio mediante la marcación manual.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para acceder a Contactos.  
Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para acceder a Marcación manual. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para acceder a Llamada

privada. Presione  para realizar la selección.

La primera línea de texto muestra Número del radio:.

- 5 Ingrese el ID del suscriptor y presione  para continuar.

- 6 Presione ▲ o ▼ para acceder a Activar radio.

Presione  para realizar la selección.

La pantalla muestra Activar radio: <Alias o ID del suscriptor>. La luz LED verde se enciende.

- 7 Espere a que aparezca una confirmación.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- La pantalla muestra un miniaviso positivo.

Si no se realiza correctamente:

- Suena un tono indicador negativo.

- La pantalla muestra un miniaviso negativo.

### 5.7.26

## Inhabilitación del radio

Esta función es una medida de seguridad mejorada para restringir el acceso no autorizado a un radio.

Si se inhabilita un radio, este deja de funcionar. Por ejemplo, puede que el proveedor desee inhabilitar un radio robado o extraviado para evitar el uso no autorizado de este.

Cuando se enciende, un radio deshabilitado muestra Radio deshabilitado en la pantalla momentáneamente para indicar el estado deshabilitado.



### AVISO:

Un radio inhabilitado no solo puede reactivarse en un centro de servicio de Motorola Solutions. Comuníquese con su distribuidor para solicitar más información.

### 5.7.27

## Trabajador solitario

Esta función hace que aparezca una emergencia si no hay actividad por parte del usuario, como la presión de un botón del radio o la activación del selector de canal, durante un tiempo predefinido.

Una vez transcurrida la duración programada sin detectar ninguna actividad por parte del usuario, el radio le avisa mediante un indicador de audio una vez que expira el temporizador de inactividad.

Si no confirma antes de que finalice el recordatorio predefinido del temporizador, el radio inicia una condición de emergencia tal y como el proveedor lo haya programado.

### 5.7.28

## Bloqueo de contraseña

Puede configurar una contraseña para restringir el acceso al radio. Cada vez que encienda el radio, se le pedirá ingresar la contraseña.

El radio es compatible con una contraseña de 4 dígitos.

El radio no puede recibir ninguna llamada mientras está en estado de bloqueo.

### 5.7.28.1

## Acceso al radio mediante contraseña

Encienda el radio.

- 1 Ingrese la contraseña de cuatro dígitos.
  - a Para editar el valor numérico de cada dígito, presione ▲ o ▼. Para ingresar y pasar al siguiente dígito, presione .

- 
- 2 Presione  para confirmar la contraseña.

Si ingresa la contraseña correctamente, el radio se enciende.

Si ingresa una contraseña incorrecta después del primer y el segundo intento, en el radio se mostrarán las siguientes indicaciones:

- Se emite un tono continuo.
- En la pantalla aparece el mensaje Contraseña incorrecta.

Repita [paso 1](#).

Si ingresa una contraseña incorrecta después del tercer intento, en el radio se mostrarán las siguientes indicaciones:

- Se emite un tono.
- El LED amarillo parpadea dos veces.
- En la pantalla, se muestra `Contraseña incorrecta y,` luego, `Radio bloqueado.`
- El radio ingresa al estado de bloqueo durante 15 minutos.



**AVISO:**

En estado bloqueado, el radio responde solo a las entradas de la **perilla de control de encendido/apagado/volumen** y del botón programado **Luz de fondo**.

Espera que finalice el temporizador de estado bloqueo de 15 minutos y, luego, repita [paso 1](#).



**AVISO:**

Si apaga y enciende el radio nuevamente, se reinicia el temporizador de 15 minutos.

## 5.7.28.2

## Activación o desactivación del bloqueo de la contraseña

Siga el procedimiento para activar o desactivar el bloqueo de la contraseña en el radio.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.
- 4 Presione ▲ o ▼ para acceder a Bloq. contras. Presione  para realizar la selección.
- 5 Ingrese su contraseña actual de cuatro dígitos.
  - Utilice un micrófono con teclado.

- Presione ▲ o ▼ para editar el valor numérico de cada dígito y presione  para ingresarlo y pasar al siguiente dígito. Se emite un tono indicador positivo para cada dígito que presione.

6

Presione  para ingresar la contraseña.

Si la contraseña no es correcta, en la pantalla se muestra **Contraseña incorrecta** y regresará automáticamente al menú anterior.

7 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para Encender. Presione



para realizar la selección.

La pantalla muestra ✓ junto a Encender.

- Presione ▲ o ▼ para Apagar. Presione  para realizar la selección.

La pantalla muestra ✓ junto a Apagar.

## Desbloqueo de radios en estado bloqueado

El radio no puede recibir ninguna llamada mientras está en estado de bloqueo. Siga el procedimiento para desbloquear el radio en estado bloqueado.

Realice uno de los siguientes pasos:

- Si el radio está encendido, espere 15 minutos y luego repita los pasos de [Acceso al radio mediante contraseña en la página 224](#) para acceder al radio.
- Si el radio está apagado, enciéndalo. El radio reinicia el temporizador de 15 minutos para el estado de bloqueo. Se emite un tono. El LED amarillo parpadea dos veces. En la pantalla aparece el mensaje **Radio bloqueado**.

Espera 15 minutos y luego repita los pasos de [Acceso al radio mediante contraseña en la página 224](#) para acceder al radio.

5.7.28.4

## Cambio de contraseñas

Siga el procedimiento para cambiar las contraseñas en el radio.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para acceder a Bloq. contras. Presione  para realizar la selección.

---

- 5 Ingrese la contraseña actual de cuatro dígitos y, a continuación, presione  para continuar.  
Si la contraseña no es correcta, en la pantalla se muestra Contraseña incorrecta y regresará automáticamente al menú anterior.

---

- 6 Presione ▲ o ▼ para acceder a Camb. contras. Presione  para realizar la selección.

---

- 7 Ingrese la contraseña nueva de cuatro dígitos y, a continuación, presione  para continuar.

---

- 8 Vuelva a ingresar la nueva contraseña de cuatro dígitos y, a continuación, presione  para continuar.  
Si es correcta, la pantalla muestra Contraseña cambiada.  
Si es incorrecta, la pantalla muestra Contraseñas no coinciden.  
La pantalla vuelve automáticamente al menú anterior.

---

### 5.7.29

## Lista de notificaciones

El radio tiene una lista de notificaciones en la que se recopilan todos los eventos “no leídos” del canal, como los mensajes de texto no leídos, los mensajes de telemetría, las llamadas perdidas y las alertas de llamada.

La pantalla muestra el ícono de **Notificación** si la lista de notificaciones tiene uno o más eventos.



La lista permite un máximo de 40 eventos sin leer. Cuando se llena, el siguiente evento reemplaza automáticamente al evento más antiguo. Una vez que se leen los eventos, se eliminan de la lista de notificaciones.

Para los eventos de alerta de llamada, llamadas perdidas o mensajes de texto, el número máximo de notificaciones es de 30 mensajes de texto y 10 alertas de llamada o llamadas perdidas. Este número máximo depende de la capacidad de lista de la función individual (alertas de llamada, llamadas perdidas, mensajes de texto o fichas de trabajo).

### 5.7.29.1

## Acceso a la lista de notificaciones

Siga el procedimiento para acceder a la lista de notificaciones en el radio.

- 1 Realice uno de los siguientes pasos:
  - Presione el botón programado **Notificación**. Omita los siguientes pasos.
  - Presione  para obtener acceso al menú.

- 2 Presione  para obtener acceso al menú.

- 3 Presione ▲ o ▼ para acceder a Notificación.  
Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para acceder al evento deseado.  
Presione  para realizar la selección.

Mantenga presionado  para regresar a la pantalla de inicio.

### 5.7.30

## Programación Over-the-Air (vía aire)

El distribuidor puede actualizar de forma remota el radio a través de la programación inalámbrica (OTAP), sin conexión física. Además, también se pueden ajustar algunas configuraciones mediante OTAP.

Cuando el radio se somete a OTAP, el LED verde parpadea.

Cuando el radio recibe datos de gran volumen:

- La pantalla muestra el ícono **Datos de gran volumen**.
- El canal queda ocupado.
- Suena un tono negativo si presiona el botón **PTT**.

Cuando finaliza la OTAP, según la configuración:

- Se emite un tono. En la pantalla se muestra *Actualizando y reiniciando*. El radio se reinicia cuando se lo apaga y se lo vuelve a encender.
- Puede seleccionar *Reiniciar ahora* o *Posponer*. Cuando se selecciona *Posponer*, el radio regresa a la pantalla anterior. La pantalla muestra el ícono **Cronómetro de retardo de OTAP** hasta que se realiza el reinicio automático.

Cuando el radio se enciende después de un reinicio automático:

- Si se realiza correctamente, la pantalla muestra *Actual. soft. finalizada*.
- Si la actualización del programa no se realiza correctamente, se emite un tono, el LED rojo parpadea una vez y en la pantalla se muestra *Actual. soft. fallida*.



#### **AVISO:**

Si la actualización de programación no se realiza correctamente, las indicaciones de actualización de software fallida aparecerán cada vez que encienda el radio. Comuníquese con el distribuidor para reprogramar el radio con el software más reciente a fin de eliminar las indicaciones de actualización de software fallida.

Consulte [Comprobación de la información sobre la actualización de software en la página 266](#) para obtener la versión de software actualizada.

#### **5.7.31**

### **Indicador de intensidad de señal recibida.**

Esta función le permite ver los valores del indicador de intensidad de la señal recibida (RSSI).

La pantalla muestra el ícono de **RSSI** en la esquina superior derecha. Consulte [Íconos de la pantalla](#) para obtener más información sobre el ícono de **RSSI**.

### 5.7.31.1

## Visualización de valores de RSSI

En la pantalla de inicio, presione  tres veces y presione inmediatamente , todo antes de 5 segundos.

La pantalla muestra los valores de RSSI actuales.

Para volver a la pantalla de inicio, mantenga presionado



### 5.7.32

## Programación del panel frontal

Puede personalizar determinados parámetros de funciones en la Programación del panel frontal (FPP) para mejorar el uso del radio.

Utilice los siguientes botones según sea necesario mientras navega a través de los parámetros de configuración.

### Botón de navegación hacia arriba/hacia abajo

Pulse para desplazarse por las opciones en sentido horizontal o vertical, así como para aumentar o disminuir los valores.

### Botón Menú/Aceptar

Pulse para seleccionar la opción o ingresar en un submenú.

### Botón Volver/Inicio

Presione brevemente para regresar al menú anterior o salir de la pantalla de selección.

Presione de manera prolongada en cualquier momento para volver a la pantalla Inicio.

### 5.7.32.1

## Ingreso al Modo de programación del panel frontal

1

Presione  para obtener acceso al menú.

2

Presione  o  para ir a Utilidades. Presione  para realizar la selección.

3 Presione ▲ o ▼ para ir a Programar radio.

Presione  para realizar la selección.

### 5.7.32.2

## Edición de los parámetros del modo FPP

Utilice los siguientes botones como sea necesario mientras navega a través de los parámetros de funciones.

- ▲ , ▼ : desplácese por las opciones, aumente o disminuya los valores, o desplácese en dirección vertical.
-  : seleccione la opción o ingrese a un submenú.
-  : realice una pulsación breve para regresar al menú anterior o para salir de la pantalla de selección. Presione de manera prolongada para regresar a la pantalla de inicio.

### 5.7.33

## Funcionamiento de Wi-Fi

Esta función le permite configurar una red Wi-Fi y conectarse a ella. Wi-Fi es compatible con actualizaciones de firmware, codeplug y recursos de radio, como paquetes de idioma y anuncio de voz.



### AVISO:

Esta función solo se aplica a DGP 5550e/DGP 8550e.

Wi-Fi® es una marca comercial registrada de Wi-Fi Alliance®.

El radio es compatible con redes Wi-Fi WPA/WPA2 empresariales y WEP/WPA/WPA2 personales.

### Red Wi-Fi WEP/WPA/WPA2 personal

Utiliza una clave (contraseña) precompartida basada en autenticación.

La clave precompartida se puede ingresar usando el menú o CPS/RM.

### Red Wi-Fi WPA/WPA2 empresarial

Utiliza autenticación basada en certificados.

El radio debe estar configurado previamente con un certificado.



### AVISO:

Consulte con su distribuidor o administrador del sistema para conectarse a una red Wi-Fi WPA/ WPA2 empresarial.

El distribuidor o administrador del sistema asignan el botón programado **Wi-Fi encendida o apagada**. Consulte al distribuidor o administrador del sistema para determinar de qué manera se programó el radio.

Los anuncios de voz para el botón programado **Wi-Fi encendida o apagada** se pueden personalizar a través del CPS según los requisitos del usuario. Para obtener más información, consulte a su proveedor o administrador del sistema.



### AVISO:

Puede activar o desactivar una conexión Wi-Fi de forma remota mediante un radio designado (consulte [Activación o desactivación de una conexión Wi-Fi de manera remota mediante un radio designado \(control individual\)](#) en la página 233 y [Activación o desactivación de una conexión Wi-Fi de manera remota mediante un radio designado \(control grupal\)](#) en la página 234 ). Para obtener más información, consulte a su proveedor o administrador del sistema.

#### 5.7.33.1

### Encendido o apagado de Wi-Fi

- 1 Presione el botón programado **encendido o apagado del Wi-Fi**. El anuncio de voz se emite cuando se enciende o apaga Wi-Fi.

---

- 2 Acceda a esta función a través del menú.
  - a Presione  para acceder al menú.
  - b Presione  o  para ir a **Wi-Fi** y presione  para seleccionar.

c Presione ▲ o ▼ para ir a Wi-Fi activado y presione  para seleccionar.

d Presione  para activar/desactivar Wi-Fi.

Si el Wi-Fi está activado, en la pantalla se muestra ✓ junto a Activado.

Si el Wi-Fi está desactivado, se dejará de mostrar ✓ junto a Activado.



#### AVISO:

Solo los radios con la configuración específica del CPS admiten esta función; consulte a su distribuidor o administrador del sistema para obtener más información.

1 Realice uno de los siguientes pasos:

- Mantenga presionado el botón programable. Use

el teclado para ingresar el ID y presione  para seleccionar. Continúe con [paso 4](#).

- Presione  para acceder al menú.

2 Presione ▲ o ▼ para ir a Contactos y presione

 para seleccionar.

3 Use uno de los pasos descritos a continuación para seleccionar el alias del suscriptor requerido:

- Seleccione el alias del suscriptor directamente.
  - Presione ▲ o ▼ para el alias o ID de suscriptor requerido.
- Use el menú de Marcado manual.

#### 5.7.33.2

### Activación o desactivación de una conexión Wi-Fi de manewra remota mediante un radio designado (control individual)

Puede activar o desactivar el Wi-Fi de manera remota en el control individual (uno a uno).

- Presione ▲ o ▼ para ir a Marcación manual y presione  para seleccionar.
- Seleccione el número de radio y utilice el teclado para ingresar el ID. Presione  para realizar la selección.

---

4 Presione ▲ o ▼ para ir a Control Wi-Fi y presione  para realizar la selección.

---

5 Presione ▲ o ▼ para seleccionar Activar o Desactivar.

---

6 Presione  para realizar la selección.

---

Si se realiza correctamente, en la pantalla aparece un miniaviso positivo.

Si no se realiza correctamente, en la pantalla aparece un miniaviso negativo.

### 5.7.33.3

## Activación o desactivación de una conexión Wi-Fi de manera remota mediante un radio designado (control grupal)

Puede activar o desactivar el Wi-Fi de manera remota en el control grupal (uno a varios).



### AVISO:

Solo los radios con la configuración específica del CPS admiten esta función; consulte a su distribuidor o administrador del sistema para obtener más información.

---

1 Presione  para acceder al menú.

---

2 Presione ▲ o ▼ para ir a Contactos y presione  para seleccionar.

---

3 Presione ▲ o ▼ para seleccionar el alias o ID de suscriptor requerido.

---

4 Presione ▲ o ▼ para ir a Control Wi-Fi y presione  para realizar la selección.

---

5 Presione ▲ o ▼ para seleccionar Activar o Desactivar.

---

6 Presione  para realizar la selección.

---

Si se realiza correctamente, en la pantalla aparecerá Enviado correctamente.

Si no se realiza correctamente, en la pantalla aparece un miniaviso negativo.

#### 5.7.33.4

### Conexión a un punto de acceso de red

Cuando se activa la red Wi-Fi, el radio busca y se conecta a un punto de acceso de red.



#### AVISO:

También puede conectarse a un punto de acceso de red a través del menú.

Los puntos de acceso de la red Wi-Fi WPA empresarial están previamente configurados. Consulte al distribuidor o administrador del sistema para determinar de qué manera se programó el radio.

1 Presione  para acceder al menú.

---

2 Presione ▲ o ▼ para Wi-Fi y presione  para seleccionar.

---

3 Presione ▲ o ▼ para Redes y presione  para seleccionar.

---



- 4 Presione ▲ o ▼ para obtener acceso a un punto de acceso a la red y presione  para seleccionar.



### AVISO:

En el caso de una red WPA empresarial, si un punto de acceso no está previamente configurado, la opción **Conectar** no estará disponible.

- 5 Presione ▲ o ▼ para obtener acceso a **Conectar** y presione  para seleccionar.

- 6 En el caso de una red Wi-Fi WPA personal, ingrese la contraseña y presione .

- 7 En el caso de una red Wi-Fi WPA empresarial, la contraseña se configura mediante RM.  
Si la contraseña preconfigurada es correcta, su radio se conecta automáticamente al punto de acceso de red seleccionado.

Si la contraseña preconfigurada es incorrecta, la pantalla muestra **Error de autenticación** y regresa automáticamente al menú anterior.

Si la conexión se realiza correctamente, el radio muestra un aviso y el punto de acceso de red se guarda en la lista de perfiles.

Si la conexión no se realiza correctamente, el radio muestra momentáneamente en pantalla el aviso de falla y regresa automáticamente al menú anterior.

### 5.7.33.5

## Comprobación del estado de la conexión Wi-Fi

Presione el botón programado **Consulta de estado de Wi-Fi** para ver el estado de la conexión mediante el anuncio de voz. El anuncio de voz suena cuando Wi-Fi está apagado, está encendido, pero no sin conexión o cuando está encendido con conexión.

- En la pantalla aparece el mensaje **Wi-Fi apagada** cuando la conexión Wi-Fi está desactivada.

- En la pantalla aparece el mensaje Wi-Fi encendida, conectado cuando el radio está conectado a una red.
- En la pantalla aparece el mensaje Wi-Fi encendida, desconectado cuando la conexión Wi-Fi está encendida, pero el radio no está conectado a ninguna red.

Los anuncios de voz para los resultados de la consulta de estado de Wi-Fi se pueden personalizar a través de CPS según los requisitos del usuario. Para obtener más información, consulte a su proveedor o administrador del sistema.



#### AVISO:

El distribuidor o el administrador del sistema asignan el botón programado **Consulta de estado de Wi-Fi**. Consulte al distribuidor o administrador del sistema para determinar de qué manera se programó el radio.

- Presione  para acceder al menú.
- Presione ▲ o ▼ para ir a Wi-Fi y presione  para seleccionar.
- Presione ▲ o ▼ para ir a Redes y presione  para seleccionar.

Cuando ingresa al menú Redes, el radio actualiza automáticamente la lista de redes.

- Si ya se encuentra en el menú Redes, realice la siguiente acción para actualizar la lista de redes.  
Presione ▲ o ▼ para ir a Actualizar y presione  para seleccionar.

El radio se actualiza y muestra la lista de redes más reciente.

### 5.7.33.6

## Actualizar la lista de redes

- Realice las siguientes acciones para actualizar la lista de redes a través del menú.

### 5.7.33.7

## Agregar una red



### AVISO:

Esta tarea no aplica a las redes Wi-Fi WPA empresariales.

Si una red preferida no está en la lista de redes disponibles, realice las siguientes acciones para agregar una red.

- 1 Presione  para acceder al menú.

---

- 2 Presione  o  para Wi-Fi y presione  para seleccionar.

---

- 3 Presione  o  para Redes y presione  para seleccionar.

---

- 4 Presione  o  hasta Agregar red y presione  para seleccionar.

---

- 5 Introduzca el identificador de red SSID y presione



- 6 Presione  o  para Abrir y presione  para seleccionar.

- 7 Ingrese la contraseña y presione  .  
El radio muestra un miniaviso positivo para indicar que la red se guardó correctamente.

### 5.7.33.8

## Visualizar los detalles de los puntos de acceso de red

Puede ver detalles de los puntos de acceso de red.

- 1 Presione  para acceder al menú.

2 Presione ▲ o ▼ para Wi-Fi y presione  para seleccionar.

---

3 Presione ▲ o ▼ para Redes y presione  para seleccionar.

---

4 Presione ▲ o ▼ para obtener acceso a un punto de acceso a la red y presione  para seleccionar.

---

5 Presione ▲ o ▼ para Ver detalles y presione  para seleccionar.



**AVISO:**

Las redes Wi-Fi WPA personales y WPA empresariales muestran detalles distintos de los puntos de acceso a la red.

**Wi-Fi WPA personal**

En el caso de un punto de acceso de red conectado, el radio muestra el identificador de red (SSID), el modo de seguridad, la dirección de control de acceso al medio (MAC) y la dirección de protocolo de Internet (IP).

En el caso de un punto de acceso de red no conectado, el radio muestra SSID y el modo de seguridad.

**Wi-Fi WPA empresarial**

En el caso de un punto de acceso de red conectado, el radio muestra SSID, el modo de seguridad, la identidad, el método EAP (Protocolo de autenticación extendida), la autenticación de fase 2, el nombre del certificado, la dirección MAC, la dirección IP, el gateway, y las direcciones DNS1 y DNS2.

En el caso de un punto de acceso de red no conectado, la radio muestra SSID, el modo de seguridad, la identidad, el método EAP, la autenticación de fase 2 y el nombre del certificado.

5.7.33.9

**Retirar los puntos de acceso de red**



**AVISO:**

Esta tarea no aplica a las redes Wi-Fi empresariales.

Realice las siguientes acciones para eliminar los puntos de acceso de red de la lista de perfiles.

- 1 Presione  para acceder al menú.
- 2 Presione ▲ o ▼ para Wi-Fi y presione  para seleccionar.
- 3 Presione ▲ o ▼ para Redes y presione  para seleccionar.
- 4 Presione ▲ o ▼ hasta el punto de acceso de red seleccionado y presione  para seleccionar.
- 5 Presione ▲ o ▼ hasta Eliminar y presione  para seleccionar.

- 6 Presione ▲ o ▼ hasta Sí y presione  para seleccionar.

El radio muestra un miniaviso positivo para indicar que el punto de acceso de red seleccionado se eliminó correctamente.

### 5.8

## Empresas de servicios públicos

En este capítulo se explican las operaciones de las funciones de las herramientas disponibles en el radio.

### 5.8.1

## Opciones de bloqueo del teclado

Con esta función, puede evitar presionar botones o cambiar canales accidentalmente cuando el radio no está en uso. Puede optar por bloquear el teclado, la perilla de selección de canales o ambos, según lo que necesite.

El proveedor puede utilizar CPS/RM para configurar una de las siguientes opciones:

- Bloquear teclado
- Bloquear perilla de selección de canales
- Bloquear el teclado y la perilla de selección de canales

Comuníquese con su proveedor para determinar cómo se programó el radio.

#### 5.8.1.1

### Cómo activar la opción de bloqueo de teclado

Los siguientes pasos se pueden aplicar a las opciones Bloquear teclado, Bloquear perilla de selección de canales o Bloquear teclado y perilla de selección de canales, según la configuración del radio.

- 1 Realice uno de los siguientes pasos:
  - Presione el botón programado **Bloqueo del teclado**. Omite los pasos siguientes.
  - Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para acceder al Bloqueo del teclado. Presione  para realizar la selección.

En la pantalla, se muestra Bloqueado.

#### 5.8.1.2

### Cómo desactivar la opción de bloqueo del teclado

Los siguientes pasos se pueden aplicar a las opciones Bloquear teclado, Bloquear perilla de selección de canales o Bloquear teclado y perilla de selección de canales, según la configuración del radio.

Realice uno de los siguientes pasos:

- Presione el botón programado **Bloqueo del teclado**.
- Cuando en la pantalla se muestre Menú y \*

Para desbloquear, presione  seguido de .

En la pantalla, se muestra Desbloqueado.

### 5.8.2

## Identificación del tipo de cable

Realice los siguientes pasos para seleccionar el tipo de cable que utiliza el radio.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para Tipo de cable. Presione  para realizar la selección.

- 5 Presione ▲ o ▼ para cambiar la opción seleccionada.

El tipo de cable actual se indica mediante ✓.

### 5.8.3

## Configuración del temporizador del menú

Puede establecer el tiempo que el radio permanece en el menú antes de cambiar automáticamente a la pantalla de inicio. Siga el procedimiento para configurar el temporizador del menú.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

4 Presione ▲ o ▼ para Pantalla. Presione  para realizar la selección.

---

5 Presione ▲ o ▼ para Temporizador de menú. Presione  para realizar la selección.

---

6 Presione ▲ o ▼ para acceder a la configuración deseada. Presione  para realizar la selección.

---

#### 5.8.4 Lector de textos

Solo el proveedor puede activar la función de texto a voz. Si la función de texto a voz está activada, el anuncio de voz se desactiva automáticamente. Si el anuncio de voz está activado, la función de texto a voz se desactiva automáticamente.

Esta función permite que el radio indique con un sonido las siguientes características:

- Canal actual
- Zona actual
- Activación o desactivación de la función del botón programado
- Contenido de los mensajes de texto recibidos
- Contenido de las fichas de trabajo recibidas

Este indicador de audio se puede personalizar según los requisitos del cliente. Esta función resulta muy útil cuando el usuario no puede leer claramente el contenido que se muestra en la pantalla.

#### 5.8.4.1 Configuración de la función Texto a voz

Siga el procedimiento para configurar la función de texto a voz.

1 Presione  para obtener acceso al menú.

---



- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.
- 

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.
- 

- 4 Presione ▲ o ▼ para obtener acceso a Anuncio de voz. Presione  para realizar la selección.
- 

- 5 Presione ▲ o ▼ para cualquiera de las siguientes funciones. Presione  para realizar la selección. Las funciones disponibles son las siguientes:

- Todos
- Mensajes
- Fichas de trabajo
- Canal
- Zona

- Botón de programa
  - ✓ aparece junto a la configuración seleccionada.
- 

### 5.8.5

## Activación o desactivación de la función del supresor de retroalimentación acústica

Esta función le permite reducir al mínimo la retroalimentación acústica en las llamadas recibidas.

- 1 Presione  para acceder al menú.
- 
- 2 Presione ▲ o ▼ para Herramientas y presione  para seleccionar.
- 
- 3 Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.
-

- 4 Presione ▲ o ▼ para Supresor de AF y presione  para seleccionar.

También puede utilizar los botones ◀ o ▶ para cambiar la opción seleccionada.

- 5 Realice cualquiera de lo siguiente.

- Presione  para activar el supresor de realimentación acústica. La pantalla muestra ✓ junto a **Habilitado**.
- Presione  para deshabilitar el supresor de realimentación acústica. El ✓ desaparece del lado de **Habilitado**.

### 5.8.6

## Activación o desactivación del Sistema satelital de navegación global

El Sistema satelital de navegación global (GNSS) es un sistema de navegación por satélite que determina la

ubicación exacta del radio. El GNSS incluye el sistema de posicionamiento global (GPS), el sistema de navegación satelital global (GLONASS) y el sistema de navegación por satélite BeiDou (BDS).



### AVISO:

Determinados modelos de radio pueden ofrecer GPS, GLONASS y BDS. La constelación de GNSS se configura a través del CPS. Consulte al distribuidor o administrador del sistema para determinar de qué manera se programó el radio.

### 1

- 2 Realice uno de estos pasos para activar o desactivar el GNSS en el radio.

- Presione el botón programado **GNSS**.

- Presione  para obtener acceso al menú. Luego proceda con el paso siguiente.

- 3 Presione ▲ o ▼ para ir a **Utilidades**. Presione  para realizar la selección.

4 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

5 Presione ▲ o ▼ para GNSS. Presione  para realizar la selección.

---

6 Presione  para activar o desactivar GNSS.  
Si está activado, ✓ aparece al lado de Activado.  
Si está desactivado, ✓ desaparece de al lado de Activado.

---

### 5.8.7

## Activación o desactivación de la pantalla de introducción

Puede activar y desactivar la pantalla de introducción siguiendo el procedimiento.

1 Presione  para obtener acceso al menú.

---

2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

4 Presione ▲ o ▼ para Pantalla. Presione  para realizar la selección.

---

5 Presione ▲ o ▼ para Pantalla inicial.  
Presione  para realizar la selección.

---

6 Presione  para activar o desactivar la pantalla de introducción.

La pantalla muestra uno de los siguientes resultados:

- Si está activado, ✓ aparece al lado de Activado.

- Si está desactivado, ✓ desaparece de al lado de Activado.

## 5.8.8

## Activación o desactivación de tonos y alertas del radio

Puede activar y desactivar todos los tonos y las alertas del radio, si es necesario, excepto los tonos de alerta de emergencia entrante. Siga el procedimiento para activar o desactivar las alertas y los tonos en el radio.

### 1 Realice uno de los siguientes pasos:

- Presione el botón programado **Tonos/alertas**. Omita los pasos siguientes.
- Presione  para obtener acceso al menú.

### 2 Presione ▲ o ▼ para ir a Utilidades. Presione para realizar la selección.

### 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione para realizar la selección.

### 4 Presione ▲ o ▼ para acceder a Tonos/Alertas. Presione para realizar la selección.

### 5 Presione ▲ o ▼ para obtener acceso a Todos los tonos. Presione para realizar la selección.

### 6 Presione para activar o desactivar todos los tonos y las alertas. La pantalla muestra uno de los siguientes resultados:

- Si está activado, ✓ aparece al lado de Activado.
- Si está desactivado, ✓ desaparece de al lado de Activado.

## 5.8.9

## Configuración de los niveles de diferencia del volumen de tonos y alertas

Esta función ajusta el volumen de los tonos o las alertas, y permite que sea más alto o más bajo que el volumen de voz. Siga el procedimiento para establecer los niveles de diferencia de volumen entre los tonos y las alertas en el radio.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para acceder a Tonos/alertas. Presione  para realizar la selección.

---

- 5 Presione ▲ o ▼ para acceder a Compensación

de volumen. Presione  para realizar la selección.

---

- 6 Presione ▲ o ▼ para acceder al nivel de compensación de volumen requerido.

Un tono de respuesta suena con cada nivel de diferencia de volumen correspondiente.

---

- 7 Realice uno de los siguientes pasos:

- Presione  para realizar la selección. Se guardó el nivel de compensación de volumen requerido.
  - Presione  para salir. Los cambios se descartan.
-

## 5.8.10

## Activación o desactivación del tono de permiso para hablar

Siga el procedimiento para activar o desactivar el tono de permiso para hablar en el radio.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para acceder a Tonos/Alertas. Presione  para realizar la selección.

---

- 5 Presione ▲ o ▼ para acceder a Permiso para hablar. Presione  para realizar la selección.

---

6

Presione  para activar o desactivar el tono de permiso para hablar.

La pantalla muestra uno de los siguientes resultados:

- Si está activado, ✓ aparece al lado de Activado.
- Si está desactivado, ✓ desaparece de al lado de Activado.

## 5.8.11

## Activación o desactivación del tono de encendido

Siga el procedimiento para activar o desactivar el tono de encendido en el radio.

1

Presione  para obtener acceso al menú.

2

Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

4 Presione ▲ o ▼ para acceder a Tonos/Alertas. Presione  para realizar la selección.

---

5 Presione ▲ o ▼ para acceder a Encendido. Presione  para realizar la selección.

---

6 Presione  para activar o desactivar el Tono de encendido. La pantalla muestra uno de los siguientes resultados:

- Si está activado, ✓ aparece al lado de Activado.
- Si está desactivado, ✓ desaparece de al lado de Activado.

#### 5.8.12

## Configuración de los tonos de alerta de los mensajes de texto

Puede personalizar el tono de alerta de los mensajes de texto para cada una de las entradas en la lista Contactos. Siga el procedimiento para configurar los tonos de alerta de los mensajes de texto en el radio.

1 Presione  para obtener acceso al menú.

---

2 Presione ▲ o ▼ para acceder a Contactos. Presione  para realizar la selección.

---

3 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.

---

4 Presione ▲ o ▼ para acceder a Alerta mensaje. Presione  para realizar la selección.

---

5 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para acceder a Momentáneo.

Presione  para realizar la selección.  
La pantalla muestra ✓ junto a Momentáneo.

- Presione ▲ o ▼ para acceder a Repetitivo.

Presione  para realizar la selección.  
La pantalla muestra ✓ junto a Repetitivo.

### 5.8.13

## Niveles de potencia

Puede personalizar la configuración de potencia del radio en Alto o Bajo para cada canal.

### Alto

Este ajuste permite comunicarse con radios que estén a una distancia considerable.

### Bajo

Este ajuste permite comunicarse con radios que estén más cerca.



### AVISO:

Esta función no se aplica a los canales de la Banda de ciudadanos que están en la misma frecuencia.

### 5.8.13.1

## Configuración de los niveles de potencia

Siga el procedimiento para configurar los niveles de potencia en el radio.

- 1 Realice uno de los siguientes pasos:

- Presione el botón programado **Nivel de potencia**. Omita los siguientes pasos.

- Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione

 para realizar la selección.

- 3 Presione ▲ o ▼ para ir a Configuración del

radio. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para acceder a Potencia.

Presione  para realizar la selección.



### 5 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para acceder a Alto.

Presione  para realizar la selección.  
La pantalla muestra ✓ junto a Alto.

- Presione ▲ o ▼ para acceder a Bajo.

Presione  para realizar la selección.  
La pantalla muestra ✓ junto a Bajo.

---

### 6

Mantenga presionado  para regresar a la pantalla de inicio.

---

#### 5.8.14

## Cambio de los modos de pantalla

Puede cambiar el modo de pantalla del radio entre Día o Noche, según sea necesario. Esta función afecta a la paleta de colores de la pantalla. Siga el procedimiento para cambiar el modo de pantalla del radio.

### 1 Realice uno de los siguientes pasos:

- Presione el botón programado **Modo de pantalla**. Omite los pasos siguientes.

- Presione  para obtener acceso al menú.
- 

### 2 Presione ▲ o ▼ para ir a Utilidades. Presione

 para realizar la selección.

---

### 3 Presione ▲ o ▼ para ir a Configuración del

radio. Presione  para realizar la selección.

---

### 4

Presione ▲ o ▼ para Pantalla. Presione  para realizar la selección.

La pantalla muestra Modo diurno y Modo nocturno.

---

### 5 Presione ▲ o ▼ para acceder a la configuración

deseada. Presione  para realizar la selección.

La pantalla muestra ✓ junto a la configuración seleccionada.

---

## 5.8.15

## Ajuste de brillo de la pantalla

Siga el procedimiento para ajustar el brillo de la pantalla del radio.

- 1 Realice uno de los siguientes pasos:
  - Presione el botón programado **Brillo**. Omita los pasos siguientes.
  - Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para acceder a Brillo. Presione  para realizar la selección.

La pantalla muestra la barra de progreso.

- 5 Presione ▲ o ▼ para reducir o aumentar el brillo

de la pantalla. Presione  para realizar la selección.

## 5.8.16

## Configuración del cronómetro de la luz de fondo de la pantalla

Puede ajustar el cronómetro de la luz de fondo de la pantalla del radio según sea necesario. La configuración también afecta los botones de navegación de menú y, por lo tanto, la luz de fondo del teclado. Siga el procedimiento para configurar el cronómetro de la luz de fondo en el radio.

- 1 Realice uno de los siguientes pasos:
  - Presione el botón programado **Luz de fondo**. Omita los pasos siguientes.
  - Presione  para obtener acceso al menú.

2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

4 Presione ▲ o ▼ para Pantalla. Presione  para realizar la selección.

---

5 Presione ▲ o ▼ para acceder a Temporizador de la luz de fondo. Presione  para realizar la selección.

---

La luz de fondo de la pantalla y la iluminación de fondo del teclado se apagan automáticamente si el indicador LED está desactivado. Para obtener más información, consulte [Activación o desactivación de los indicadores LED en la página 255](#).

5.8.17

## Activación o desactivación del encendido automático de la luz de fondo

Puede activar y desactivar la luz de fondo del radio para que se encienda automáticamente si es necesario. Si está activada, la luz de fondo se enciende cuando el radio recibe una llamada, un evento de la lista de notificaciones o una alarma de emergencia.

1 Presione  para obtener acceso al menú.

---

2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

4 Presione ▲ o ▼ para acceder a Luz de fondo automática.

---

- 5 Presione  para activar o desactivar la luz de fondo automática.

La pantalla muestra uno de los siguientes resultados:

- Si está activado, ✓ aparece al lado de Activado.
- Si está desactivado, ✓ desaparece de al lado de Activado.

#### 5.8.18

### Activación o desactivación de los indicadores LED

Siga el procedimiento para activar o desactivar los indicadores LED en el radio.

- 1 Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para acceder a Indicador LED. Presione  para realizar la selección.

- 5 Presione  para activar o desactivar el indicador LED.

La pantalla muestra uno de los siguientes resultados:

- Si está activado, ✓ aparece al lado de Activado.
- Si está desactivado, ✓ desaparece de al lado de Activado.

#### 5.8.19

### Configuración de idiomas

Siga el procedimiento para configurar los idiomas en el radio.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.
- 4 Presione ▲ o ▼ para Idiomas. Presione  para realizar la selección.
- 5 Presione ▲ o ▼ para acceder al idioma deseado. Presione  para realizar la selección. La pantalla muestra ✔ junto al idioma seleccionado.

#### 5.8.20

## Activación o desactivación de la tarjeta opcional

Las funciones de la tarjeta opcional dentro de cada canal se pueden asignar a botones programables. Siga el procedimiento para activar o desactivar la tarjeta opcional en el radio.

Presione el botón programado **Tarjeta opcional**.

#### 5.8.21

## Activación o desactivación de anuncios de voz

Esta función permite al radio indicar, de manera audible, el canal o la zona actuales que el usuario acaba de asignar o el botón programable que el usuario acaba de presionar.

Esto es muy útil cuando el usuario tiene dificultad para leer el contenido que se muestra en la pantalla.

Este indicador de audio puede personalizarse según las necesidades del cliente. Siga el procedimiento para activar o desactivar anuncios de voz en el radio.

- 1 Realice uno de los siguientes pasos:

- Presione el botón programado **Anuncio de voz**. Omita los pasos siguientes.

- Presione  para obtener acceso al menú.

- 
- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

- 
- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

- 
- 4 Presione ▲ o ▼ para obtener acceso a Anuncio de voz. Presione  para realizar la selección.

- 
- 5 Presione  para activar o desactivar el anuncio de voz.
- Si está activado, ✓ aparece al lado de Activado.
  - Si está desactivado, ✓ desaparece de al lado de Activado.
- 

### 5.8.22

## Activación o desactivación del AGC del micrófono digital

El control automático de ganancia (AGC) del micrófono digital controla la ganancia del radio automáticamente durante la transmisión en un sistema digital.

Esta función suprime los sonidos altos o mejora los sonidos bajos hasta un valor predefinido para brindar un nivel uniforme de audio. Siga el procedimiento para activar o desactivar el AGC del micrófono digital en el radio.

- 
- 1 Presione  para obtener acceso al menú.

- 
- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

- 
- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.
-

- 4 Presione ▲ o ▼ para acceder a Mic AGC-D.

Presione  para realizar la selección.

---

- 5 Presione  para activar o desactivar AGC de micrófono digital.

La pantalla muestra uno de los siguientes resultados:

- Si está activado, ✓ aparece al lado de Activado.
  - Si está desactivado, ✓ desaparece de al lado de Activado.
- 

### 5.8.23

## Cambio de ruta de audio entre el altavoz interno del radio y el accesorio cableado

Siga el procedimiento para cambiar la ruta de audio entre el altavoz interno del radio y el accesorio con cable.

Puede cambiar la ruta de audio entre el altavoz interno del radio y el altavoz del accesorio con cable siempre que:

- El accesorio con cable con altavoz esté conectado.
- El audio no se transfiera a un accesorio Bluetooth externo.

Presione el botón programado **Cambio de audio**.

---

Se emite un tono al cambiar la ruta de audio.

Si se apaga el radio o se quita el accesorio, se restablece la ruta de audio al altavoz interno del radio.

### 5.8.24

## Activación o desactivación del audio inteligente

El radio ajusta automáticamente el volumen del audio para superar el ruido de fondo actual del entorno, incluidas tanto las fuentes de ruido estacionario como no estacionario. Esta es una función de recepción únicamente y no afecta a la transmisión de audio. Siga el procedimiento para activar o desactivar el audio inteligente en el radio.



### AVISO:

Esta función no se aplica durante una sesión de Bluetooth.

1 Realice uno de los siguientes pasos:

- Presione el botón programado **Audio inteligente**. Omita los siguientes pasos.

- Presione  para obtener acceso al menú.

2 Presione ▲ o ▼ para ir a Utilidades. Presione



3 Presione ▲ o ▼ para ir a Configuración del

radio. Presione  para realizar la selección.

4 Presione ▲ o ▼ para obtener acceso a Audio

inteligente. Presione  para realizar la selección.

5 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para obtener acceso a Enc.

Presione  para realizar la selección. En la pantalla se muestra ✓ junto a Encendido.

- Presione ▲ o ▼ para Apag.. Presione  para realizar la selección. En la pantalla se muestra ✓ junto a Apagado.

### 5.8.25

## Activación y desactivación de la mejora de sonido

Puede activar esta función cuando esté hablando en un idioma que contenga muchas pronunciaciones con el sonido alveolar (“r” vibrante). Siga el procedimiento para activar o desactivar la mejora de sonido en el radio.

1 Realice uno de los siguientes pasos:

- Presione el botón programado **Mejora de la vibración**. Omita los siguientes pasos.

- Presione  para obtener acceso al menú.

2 Presione ▲ o ▼ para ir a Utilidades. Presione





3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

4 Presione ▲ o ▼ para obtener acceso a Mejora de la vibración. Presione  para realizar la selección.

---

5 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para obtener acceso a Enc.

Presione  para realizar la selección. En la pantalla se muestra ✓ junto a Encendido.

- Presione ▲ o ▼ para Apag.. Presione  para realizar la selección. En la pantalla se muestra ✓ junto a Apagado.
- 

## 5.8.26

## Activar o desactivar la función de Control de distorsión dinámico del micrófono

Esta función le permite activar el radio para monitorear automáticamente la entrada del micrófono, y ajustar el valor de ganancia del micrófono para evitar cortes de audio.

1 Presione  para obtener acceso al menú.

---

2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

4 Presione ▲ o ▼ para acceder a Distorsión del micrófono. Presione  para realizar la selección.

---

5 Realice uno de los siguientes pasos:

- Presione  para activar el Control de distorsión dinámico del micrófono. Si está activado, ✓ aparece al lado de Activado.
- Presione  para desactivar el Control de distorsión dinámico del micrófono. Si está desactivado, ✓ desaparece de al lado de Activado.

## 5.8.27

## Configuración del entorno de audio

Siga el procedimiento para configurar el entorno de audio del radio según su entorno.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para acceder a Entorno audio. Presione  para realizar la selección.

- 5 Presione ▲ o ▼ para acceder a la configuración deseada. Presione  para realizar la selección.

Las configuraciones son las siguientes.

- Seleccione Predeterminado para los valores predeterminados de fábrica.
- Seleccione Alto para subir el volumen del altavoz cuando se utiliza en ambientes ruidosos.
- Seleccione Grupo de trabajo para reducir la retroalimentación acústica cuando se utiliza con un grupo de radios que están cerca entre sí.

La pantalla muestra ✓ junto a la configuración seleccionada.

## 5.8.28

## Configuración de perfiles de audio

Siga el procedimiento para establecer perfiles de audio en el radio.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para acceder a Perfiles audio. Presione  para realizar la selección.

---

- 5 Presione ▲ o ▼ para acceder a la configuración deseada. Presione  para realizar la selección. Las configuraciones son las siguientes.

- Seleccione Predeterminado para desactivar el perfil de audio previamente seleccionado y volver a la configuración predeterminada de fábrica.
- Seleccione Nivel 1, Nivel 2 o Nivel 3 para perfiles de audio destinados a compensar la pérdida de audición provocada por ruido habitual en los adultos mayores de 40 años.
- Seleccione Aumento de agudos, medios o graves para perfiles de audio que se alinean con la preferencia para sonidos más metálicos, más nasales o más profundos.

La pantalla muestra ✓ junto a la configuración seleccionada.

## 5.8.29

## Información general sobre el radio

El radio contiene información sobre varios parámetros generales.

La información general del radio es la siguiente:

- Información sobre la batería.
- Alias e ID del radio.
- Versiones de firmware y codeplug.

- Actualización de software.
- Información del GNSS.
- Información del sitio.
- Indicador de intensidad de la señal recibida.

**AVISO:**

Presione  para regresar a la pantalla anterior.

Mantenga presionado  para regresar a la pantalla de inicio. El radio sale de la pantalla actual una vez que transcurre el tiempo de inactividad.

**5.8.29.1****Acceso a la información de la batería**

Muestra información de la batería del radio.

1

Presione  para obtener acceso al menú.

2

Presione  o  para ir a Utilidades. Presione  para realizar la selección.

3 Presione  o  para Info. del

radio. Presione  para realizar la selección.

4 Presione  o  para Info. de la

batería. Presione  para realizar la selección.

**AVISO:**

Para baterías **IMPRES** únicamente: La pantalla muestra **Reacondicionar batería** si la batería requiere reacondicionamiento en un cargador IMPRES. Luego del proceso de reacondicionamiento, la pantalla muestra la información de la batería.

Aparece en la pantalla la información de la batería.

**AVISO:**

En el caso de las baterías no compatibles, en la pantalla aparece el mensaje **Batería desconocida**.

### 5.8.29.2

## Verificación del alias y el ID del radio

1 Realice uno de los siguientes pasos:

- Presione el botón programado **Alias e ID del radio**. Omite los pasos siguientes. Suena un tono indicador positivo.

También puede presionar el botón programado **Alias e ID del radio** para volver a la pantalla anterior.

- Presione  para obtener acceso al menú.

2 Presione ▲ o ▼ para ir a *Utilidades*. Presione  para realizar la selección.

3 Presione ▲ o ▼ para ir a *Info. del radio*.  
Presione  para realizar la selección.

4

Presione ▲ o ▼ para ir a *Mi ID*. Presione  para realizar la selección.

La primera línea de texto muestra el alias del radio.  
La segunda línea de texto muestra el ID del radio.

### 5.8.29.3

## Verificación de las versiones de firmware y codeplug

1

Presione  para obtener acceso al menú.

2 Presione ▲ o ▼ para ir a *Utilidades*. Presione  para realizar la selección.

3 Presione ▲ o ▼ para ir a *Info. del radio*.  
Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para acceder a Versiones.

Presione  para realizar la selección.

La pantalla muestra las versiones actuales de codeplug y firmware.

#### 5.8.29.4

### Verificación de la información de GNSS

Muestra la información de GNSS en el radio, como los valores de:

- Latitud
- Longitud
- Altitud
- Dirección
- Velocidad
- Dilución horizontal de precisión (HDOP)
- Satélites

- Versión

1

Presione  para obtener acceso al menú.

2

Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

3

Presione ▲ o ▼ para Info. del radio. Presione  para realizar la selección.

4

Presione ▲ o ▼ para Información de GNSS. Presione  para realizar la selección.

5

Presione ▲ o ▼ para el elemento requerido. Presione  para realizar la selección. La información de GNSS deseada aparece en la pantalla.

## 5.8.29.5

## Comprobación de la información sobre la actualización de software

Esta función muestra la fecha y la hora de la última actualización de software llevada a cabo mediante OTAP o Wi-Fi. Siga el procedimiento para comprobar la información sobre la actualización de software en el radio.

- 1 Presione  para obtener acceso al menú.

---

  - 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

  - 3 Presione ▲ o ▼ para ir a Info. del radio. Presione  para realizar la selección.

---

  - 4 Presione ▲ o ▼ para ir a Actualizar SW. Presione  para realizar la selección.
- La pantalla muestra la fecha y la hora de la última actualización de software.

El menú de actualización del software solo está disponible tras al menos una sesión de OTAP o de Wi-Fi correcta. Consulte [Programación Over-the-Air \(vía aire\)](#) en la [página 593](#) para obtener más información.

## 5.8.29.6

## Visualización de la información del sitio

Siga el procedimiento para ver el nombre del sitio actual en el que se encuentra el radio.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para acceder a Info. del radio. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para acceder a Info. Sitio.

Presione  para realizar la selección.

La pantalla muestra el nombre del sitio actual.

### 5.8.30

## Visualización de detalles de certificado de Wi-Fi empresarial

Puede ver los detalles del certificado de la red Wi-Fi empresarial seleccionada.

- 1 Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

- 3 Presione ▲ o ▼ hasta Menú de certificado.  
Presione  para realizar la selección.  
✓ aparece junto a los certificados listos.

- 4 Presione ▲ o ▼ hasta el certificado requerido.

Presione  para realizar la selección.

El radio muestra los detalles completos del certificado.



### AVISO:

En el caso de los certificados que no están listos, la pantalla solo muestra el estado.



## Connect Plus

---

Connect Plus es una solución de troncalización completa basada en la tecnología DMR. Connect Plus utiliza un canal de control dedicado para solicitudes y asignaciones de canal.

### 6.1

## Controles del radio adicionales en modo Connect Plus

---

En este capítulo se explican los controles del radio adicionales disponibles para el usuario del radio a través de medios preprogramados, tales como botones programables y funciones de radio asignables.

### 6.1.1

## Botón Push-to-Talk (PTT)

El botón **PTT** ubicado en el lateral del radio se utiliza para dos funciones básicas:

- Durante una llamada, el botón **PTT** permite al radio transmitir a los demás radios que participan en la llamada.

Para hablar, mantenga oprimido el botón **PTT**. Suelte el botón **PTT** para escuchar.

El micrófono se activa cuando se presiona el botón **PTT**.

- Si no hay ninguna llamada en curso, el botón **PTT** se utiliza para realizar una llamada nueva (consulte [Realización de una Llamada de radio en la página 288](#) ).

Si el tono de permiso para hablar (consulte [Activación o desactivación del Tono de permiso para hablar en la página 392](#) ) está habilitado, espere hasta que el tono de alerta breve finalice antes de hablar.

### 6.1.2

## Botones programables

El distribuidor puede programar los botones programables como accesos directos a las funciones del radio según la duración de la presión de los botones:

### Presión breve

Oprimir y soltar con rapidez.

**Presión prolongada**

Mantener presionado durante el tiempo programado.

**AVISO:**

La duración programada de la presión de un botón se aplica a todas las configuraciones o funciones del radio/la herramienta asignables. Consulte [Operación de emergencia en la página 330](#) para obtener más información acerca de la duración programada del botón de *emergencia*.

## 6.1.2.1

**Funciones asignables del radio****Baliza encendida/apagada**

Activa o desactiva la función de baliza. Requiere la compra de la función de hombre caído de Connect Plus.

**Restablecer baliza**

Restablece (cancela) el tono de la baliza, pero no desactiva la función de la baliza. Requiere la compra de la función de hombre caído de Connect Plus.

**Switch de audio Bluetooth®**

Alterna el enrutamiento del audio entre el altavoz interno del radio y el accesorio externo compatible con Bluetooth.

**Conexión de Bluetooth**

Inicia una operación de búsqueda y conexión con Bluetooth.

**Desconexión de Bluetooth**

Finaliza todas las conexiones de Bluetooth existentes entre el radio y cualquier dispositivo compatible con Bluetooth.

**Detección de Bluetooth**

Permite que el radio ingrese a un modo de detección de Bluetooth.

**Cancelación de cola de ocupado**

Sale del modo ocupado cuando se inicia una llamada que no es de emergencia en la fila de espera. Una vez que se aceptan las llamadas de emergencia en la cola de espera, no se pueden cancelar.

**Registro de llamada**

Selecciona la lista del registro de llamadas.

**Anuncio de canal**

Reproduce mensajes de voz de anuncios de zona y canal para el canal actual.

**Contactos**

Proporciona acceso directo a la lista de contactos.

### **Activación/desactivación de emergencia**

Según la programación, inicia o cancela una emergencia.

### **Ubicación en áreas interiores**

Activa o desactiva las áreas interiores.

### **Intelligent Audio**

Activa o desactiva el audio inteligente.

### **Activar/desactivar alarmas de hombre caído**

Activa o desactiva todas las alarmas de hombre caído configuradas. Requiere la compra de la función de hombre caído de Connect Plus.

### **Restablecer las alarmas de hombre caído**

Si se presiona durante la reproducción del tono de alerta de la función de hombre caído, se cancela el tono y se restablecen los temporizadores de la función, pero no se desactivan las alarmas de hombre caído. Requiere la compra de la función Hombre caído.

### **Marcación manual**

Según la programación, inicia una llamada telefónica o privada cuando se ingresa un ID del suscriptor o un número de teléfono.

### **Acceso instantáneo**

Inicia directamente una llamada privada, una alerta de llamada, un mensaje de texto rápido o un retorno a inicio predefinidos.

### **Privacidad**

Activa o desactiva la privacidad.

### **Verificar radio**

Determina si un radio está activo en un sistema.

### **Habilitación del radio**

Permite activar el radio de destino de manera remota.

### **Deshabilitar radio**

Permite desactivar el radio de destino de manera remota.

### **Monitor Remoto**

Enciende el micrófono del radio de destino sin proporcionar ningún indicador.

### **Restablecer canal de inicio**

Configura un nuevo canal de inicio.

### **Tipo de alerta de tono**

Permite acceder directamente a la configuración del Tono de alerta.

### **Solicitud de itinerancia**

Solicita la búsqueda de un sitio distinto.

**Rastreo**

Activa o desactiva el rastreo.

**Silenciar recordatorio del canal de inicio**

Silencia el recordatorio de canal de inicio.

**Activar/Desactivar bloqueo del sitio**

Cuando está activado, el radio solo busca en el sitio actual. Si se desactiva, busca en otros sitios además del sitio actual.

**Mensaje de texto**

Selecciona el menú Mensaje de texto.

**Estilo de vibración**

Configura el estilo de vibración.

**Activar/desactivar anuncio de voz**

Activa o desactiva el anuncio de voz.

**Wi-Fi**

Activa o desactiva Wi-Fi.

**Zona**

Permite seleccionar desde una lista de zonas.

**6.1.2.2****Opciones de configuración asignables o funciones de herramientas****Supresor de AF**

Activa o desactiva la función del supresor de retroalimentación acústica.

**Todos los tonos/alertas**

Enciende y apaga todos los tonos y las alertas.

**Luz de fondo**

Activa o desactiva la luz de fondo de la pantalla.

**Brillo de luz de fondo**

Ajusta el nivel de brillo.

**Modo de pantalla**

Enciende o apaga el modo de pantalla diurna/nocturna.

**Sistema de navegación satelital global (GNSS)**

Enciende o apaga el sistema de navegación por satélite.

**Bloqueo del teclado**

Bloquea y desbloquea el teclado.

**Nivel de potencia**

Alterna el nivel de potencia de transmisión entre alto y bajo.

## No asignado

Indica que aun no se ha asignado la función del botón.

### 6.1.3

## Interpretación de los indicadores de estado en modo Connect Plus

La pantalla de cristal líquido (LCD) de 132 x 90 píxeles y 256 colores del radio muestra el estado del radio, las entradas de texto y las entradas de menú.

### 6.1.3.1

## Íconos de la pantalla

Estos íconos se muestran en la pantalla del radio. Los íconos se muestran en la barra de estado, dispuestos hacia la izquierda, en orden de aparición/uso y son específicos de los canales.



### Indicador de intensidad de la señal recibida (RSSI)

La cantidad de barras que se muestran representa la intensidad de la señal de radio. Cuatro barras indican la señal de

mayor intensidad. Este ícono se muestra solamente durante la recepción.



### Bluetooth no conectado

La función Bluetooth está habilitada, pero no hay un dispositivo Bluetooth remoto conectado.



### Bluetooth conectado

La función Bluetooth está activada. El ícono permanece encendido cuando hay un dispositivo Bluetooth remoto conectado.



### Datos de alto volumen

El radio está recibiendo datos de gran volumen y el canal está ocupado.



### Ubicación en áreas interiores disponible<sup>4</sup>

El estado de ubicación en áreas interiores está activado y disponible.



### Ubicación en áreas interiores no disponible<sup>4</sup>

|                                                                                   |                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                   | El estado de ubicación en áreas interiores está activado, pero no está disponible debido a que Bluetooth está desactivado o el rastreo de señal periódica fue suspendido por Bluetooth. |
|  | <b>Modo de silencio</b><br>El modo de silenciado está activado y el altavoz está silenciado.                                                                                            |
|  | <b>Notificación</b><br>La Lista de notificaciones contiene elementos que deben revisarse.                                                                                               |
|  | <b>Nivel de potencia</b><br>El radio está configurado en Baja potencia o en Alta potencia.                                                                                              |
|  | <b>Desactivación de tonos</b><br>Los tonos están desactivados.                                                                                                                          |
|  | <b>Tarjeta opcional</b><br>El panel de opciones está activado.                                                                                                                          |
|  | <b>Tarjeta opcional sin funcionamiento</b><br>El panel de opciones está desactivado.                                                                                                    |
|  | <b>GNSS disponible</b><br>La función GPS/GNSS está activada. El ícono permanece encendido cuando hay una posición fija disponible.                                                      |
|  | <b>GNSS no disponible/fuera de alcance</b><br>La función GPS/GNSS está activada, pero no recibe datos del satélite.                                                                     |
|  | <b>Rastreo</b><br>La función de rastreo está activada.                                                                                                                                  |
|  | <b>Emergencia</b><br>El radio está en modo de emergencia.                                                                                                                               |
|  | <b>Seguro</b><br>La función de privacidad está activada.                                                                                                                                |
|  | <b>No seguro</b><br>La función de privacidad está desactivada.                                                                                                                          |

<sup>4</sup> Solo se aplica a los modelos con la última versión de software y hardware

|                                                                                                                                                                                                                                                              |                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>Roaming de sitio</b><br/>La función de roaming de sitio está activada.</p>                                                                                           |  <p><b>Timbre silencioso</b><br/>El modo de timbre silencioso está habilitado.</p>     |
|  <p><b>Batería</b><br/>La cantidad de barras (0 – 4) que se muestran indica la carga restante de la batería. Cuando la carga de la batería es baja, este ícono parpadea.</p> |  <p><b>Vibración</b><br/>El modo de vibración está habilitado.</p>                     |
|  <p><b>Contacto</b><br/>El contacto de radio está disponible.</p>                                                                                                           |  <p><b>Vibrar y timbrar</b><br/>Los modos de vibración y timbre están habilitados.</p> |
|  <p><b>Registro de llamada</b><br/>Registro de llamada de radio.</p>                                                                                                        |  <p><b>Señal Wi-Fi excelente</b> <sup>5</sup><br/>La señal Wi-Fi es excelente.</p>     |
|  <p><b>Mensaje</b><br/>Mensaje entrante.</p>                                                                                                                                |  <p><b>Señal Wi-Fi buena</b> <sup>5</sup><br/>La señal Wi-Fi es buena.</p>             |
|  <p><b>Solo timbre</b><br/>El modo de timbre está habilitado.</p>                                                                                                           |  <p><b>Señal Wi-Fi promedio</b> <sup>5</sup><br/>La señal Wi-Fi es de valor medio.</p> |
|                                                                                                                                                                                                                                                              |  <p><b>Señal Wi-Fi deficiente</b> <sup>5</sup><br/>La señal Wi-Fi es deficiente.</p>   |

**Señal Wi-Fi no disponible <sup>5</sup>**

La señal Wi-Fi no está disponible.

## 6.1.3.2

**Íconos de llamada**

Los siguientes íconos aparecen en la pantalla del radio durante una llamada. Los siguientes íconos también aparecen durante las llamadas y en la lista Contactos para indicar el tipo de ID.

**Llamadas privadas**

Indica que una llamada privada se encuentra en curso. En la lista Contactos, indica un alias del suscriptor (nombre) o una ID (número).

**Llamada de grupo/Site All Call**

Indica que una llamada de grupo o una Site All Call está en curso. En la lista Contactos, se indica un alias (nombre) o ID (número) de grupo.

**Llamada telefónica como Llamada privada**

Indica una llamada telefónica como llamada privada en curso.

**Llamada de PC Bluetooth**

Indica una llamada de PC Bluetooth en curso.

En la lista Contactos, se indica un alias (nombre) o ID (número) de llamada de PC Bluetooth.

**Llamada de despacho**

El tipo de contacto de llamada de despacho se utiliza para enviar un mensaje de texto a una computadora despachadora a través de un servidor de mensajes de texto de terceros.

**Llamada individual de tarjeta opcional**

Indica que hay una llamada individual de tarjeta opcional en curso.

<sup>5</sup> Solo se aplica a DGP 5550e/DGP 8550e





### Llamada de grupo de tarjeta opcional

Indica que hay una llamada de grupo de tarjeta opcional en curso.

#### 6.1.3.3

### Íconos de menú avanzados

Los íconos siguientes aparecen junto a los elementos del menú que ofrecen una alternativa entre dos opciones o como indicación de que el submenú ofrece dos opciones.



#### Casilla de verificación (vacía)

Indica que la opción no está seleccionada.



#### Casilla de verificación (seleccionada)

Indica que la opción está seleccionada.



#### Cuadro negro relleno

Indica la opción seleccionada del elemento de menú con un submenú.

#### 6.1.3.4

### Íconos de la carpeta Enviados

Los siguientes íconos aparecen en la esquina superior derecha de la pantalla del radio en la carpeta Elementos enviados.



#### Enviado correctamente

El mensaje de texto se envió correctamente.



#### En curso

- El mensaje de texto a un alias o ID de grupo está pendiente de transmisión.
- El mensaje de texto a un alias o ID del suscriptor está pendiente de transmisión y en espera de confirmación.

|                                                                                   |                                                                                       |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  | <b>Mensaje individual o de grupo leído.</b><br>Se ha leído el mensaje de texto.       |
|  |                                                                                       |
|  | <b>Mensaje individual o de grupo no leído.</b><br>No se ha leído el mensaje de texto. |
|  |                                                                                       |
|  | <b>Error en el envío</b><br>No se ha enviado el mensaje de texto.                     |
|  |                                                                                       |

## 6.1.3.5

**Íconos del dispositivo Bluetooth**

Es posible que aparezcan los íconos siguientes junto a los elementos de la lista de dispositivos compatibles con Bluetooth disponibles para indicar el tipo de dispositivo.

|                                                                                   |                                                                                                                            |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
|  | <b>Dispositivo de datos con Bluetooth</b><br>Dispositivo de datos compatible con Bluetooth, como un lector.                |
|  | <b>Dispositivo de audio con Bluetooth</b><br>Dispositivo de audio compatible con Bluetooth, como auriculares.              |
|  | <b>Dispositivo PTT con Bluetooth</b><br>Dispositivo PTT compatible con Bluetooth, como un dispositivo solo para PTT (POD). |
|  | <b>Dispositivo sensor con Bluetooth</b><br>Dispositivo sensor con Bluetooth, como un sensor de gas.                        |

## 6.1.3.6

**Indicador LED**

El indicador LED muestra el estado de funcionamiento del radio.

|                          |                                                                          |
|--------------------------|--------------------------------------------------------------------------|
| <b>Rojo intermitente</b> | La batería no es compatible o el radio transmite con un bajo nivel de la |
|--------------------------|--------------------------------------------------------------------------|

|                                      |                                                                                                                                                                                                                                                                     |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                      | batería, recibe una transmisión de emergencia, no se ha podido realizar el autodiagnóstico del encendido o se movió fuera del rango si el radio se configuró con el sistema transpondedor de rango automático. El modo de silenciado está activado.                 |
| <b>Rojo intermitente rápido</b>      | El radio está recibiendo una transferencia de archivos por aire (archivo de firmware de la tarjeta opcional, archivo de frecuencia de la red o archivo de codeplug de la tarjeta opcional) o está actualizando un nuevo archivo de firmware de la tarjeta opcional. |
| <b>Verde y amarillo intermitente</b> | El radio está recibiendo una alerta de llamada, recibió un mensaje de texto o el rastreo está habilitado y está recibiendo actividad.                                                                                                                               |
| <b>Amarillo fijo</b>                 | El radio está en modo de detección de Bluetooth.                                                                                                                                                                                                                    |
| <b>Amarillo intermitente doble</b>   | El radio está buscando activamente un nuevo sitio.                                                                                                                                                                                                                  |

|                                 |                                                                                                                                                     |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Amarillo intermitente</b>    | El radio está recibiendo una alerta de llamada o el rastreo está habilitado y está inactivo (el radio seguirá silenciado para cualquier actividad). |
| <b>Verde fijo</b>               | El radio está encendiéndose o transmitiendo.                                                                                                        |
| <b>Verde intermitente</b>       | El radio está encendiendo, recibiendo una llamada o datos.                                                                                          |
| <b>Verde intermitente doble</b> | El radio está recibiendo una llamada con privacidad activada.                                                                                       |

#### 6.1.3.7

### Tonos indicadores

Los siguientes tonos son los que suenan a través del altavoz del radio.

Tono agudo



Tono grave



Los tonos indicadores proporcionan indicaciones sonoras del estado después de realizar una acción para generar una tarea.

|                                                                                   |                         |
|-----------------------------------------------------------------------------------|-------------------------|
|  | Tono indicador positivo |
|  | Tono indicador negativo |

#### 6.1.3.8

### Tonos de alerta

Los tonos de alerta le brindan indicaciones sonoras sobre el estado del radio o la respuesta del radio a los datos recibidos.

|                                                                                                            |                                                                                                                 |
|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Tono continuo</b><br>  | Sonido monocorde.<br>Suena continuamente hasta la finalización.                                                 |
| <b>Tono periódico</b><br> | Suena periódicamente, según la duración establecida por el radio.<br>El tono se inicia, se detiene y se repite. |

#### Tono repetitivo



Un tono único que se repite hasta que el usuario lo detiene.

#### Tono momentáneo



Suena solo una vez durante un período breve definido por el radio.

#### 6.1.4

### Alternar entre los modos Connect Plus y que no son de Connect Plus

Para cambiar a un modo que no es de Connect Plus, debe cambiar a otra zona, si el distribuidor o el administrador del sistema la programaron. Consulte al distribuidor o al administrador del sistema para averiguar si el radio se programó con zonas que no son de Connect Plus y qué funciones están disponibles al funcionar en las zonas que no son de Connect Plus.

## 6.2

# Realización y recepción de llamadas en modo Connect Plus

---

En esta sección, se explican las operaciones del radio y las funciones de llamada generales que están disponibles en el radio.

### 6.2.1

## Selección de un sitio

Un sitio proporciona cobertura para un área específica. Un sitio Connect Plus tiene un controlador del sitio y un máximo de 15 repetidores. En una red multisitio, el radio Connect Plus buscará automáticamente un nuevo sitio cuando el nivel de la señal del sitio actual se reduzca a un nivel inaceptable.

#### 6.2.1.1

## Solicitud de itinerancia

Una solicitud de itinerancia indica al radio que busque un sitio diferente, incluso si la señal del sitio actual es aceptable.

Si no hay sitios disponibles:

- El radio muestra **Buscando** y **Alias de canal seleccionado** y continúa buscando a través de la lista de sitios.
- el radio regresa al sitio anterior, si este aún está disponible.



### **AVISO:**

Esto lo programa el distribuidor.

Presione el botón programado **Solicitud de itinerancia**.

Se escucha un tono, que indica que el radio cambió a un nuevo sitio. En la pantalla se muestra ID del sitio <Número del sitio>.

---

## 6.2.1.2

**Activar/desactivar bloqueo del sitio**

Cuando está activado, el radio solo busca en el sitio actual. Si se desactiva, busca en otros sitios además del sitio actual.

Presione el botón programado **Bloqueo del sitio**.

Si la función **Bloqueo del sitio** está activada:

- Se oye un tono indicador positivo, que indica que el radio está bloqueado en el sitio actual.
- La pantalla muestra `Sitio bloqueado`.

Si la función **Bloqueo del sitio** está desactivada:

- Se oye un tono indicador negativo, que indica que el radio está desbloqueado.
- La pantalla muestra `Sitio desbloqueado`.

## 6.2.1.3

**Restricción de sitios**

El administrador del sistema de radio Connect Plus tiene la capacidad para decidir qué sitios de red puede y no puede utilizar el radio. No es necesario volver a programar el

radio para cambiar la lista de los sitios permitidos y no permitidos. Si el radio intenta registrarse en un sitio no permitido, verá un mensaje breve que indica: El sitio <número determinado> no está permitido. Luego el radio busca un sitio de red diferente.

## 6.2.2

**Selección de una zona**

El radio se puede programar con un máximo de 16 zonas Connect Plus y cada zona Connect Plus contiene un máximo de 16 posiciones asignables en la perilla selectora de canal.

Cada posición asignable de la perilla se puede utilizar para iniciar uno de los siguientes tipos de llamada de voz:

- Llamada de grupo
- Llamada de multigrupo
- Todas las llamadas del sitio
- Llamadas privadas

1 Acceda a la función de zona realizando lo siguiente:

| Controles del radio                       | Pasos                                                                                                                                                                                                                                                                                    |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Botón programado Selección de zona</b> | Presione el botón programado <b>Selección de zona</b> .                                                                                                                                                                                                                                  |
| <b>Menú del radio</b>                     | <p><b>a</b> Presione  para acceder al menú.</p> <p><b>b</b> Presione ▲ o ▼ para Zona y presione  para seleccionar.</p> |

Se muestra la zona actual y se indica mediante un .

- 2 Seleccione la zona requerida.

| Control del radio | Pasos                                            |
|-------------------|--------------------------------------------------|
| ▲ o ▼             | Presione ▲ o ▼ y desplácese a la zona requerida. |

3

Presione  para realizar la selección.

En la pantalla se muestra <Zona> Seleccionada momentáneamente y permite regresar a la pantalla de la zona seleccionada.

### 6.2.3

## Uso de múltiples redes

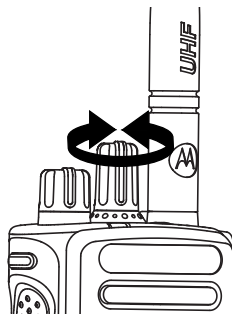
Si el radio ha sido programado para utilizar varias redes Connect Plus, puede seleccionar una red diferente al cambiarse a una zona Connect Plus que se asigna a la red deseada. Estas asignaciones de red a zona se configuran con el distribuidor a través de la programación de radio.

## 6.2.4

## Seleccionar un tipo de llamada

Use la perilla selectora de canales para seleccionar el tipo de llamada. Esta puede ser una llamada de grupo, llamada de multigrupo, llamadas a todo el sitio o una llamada privada, según cómo esté programado el radio. Si cambia la perilla selectora de canales a una posición distinta (que tenga asignada un tipo de llamada), hará que el radio vuelva a registrarse en el sitio de Connect Plus. El radio se registra con la ID de registro del grupo que se programó para el nuevo tipo de llamada de la posición de la perilla selectora de canales.

Si selecciona una posición que no tiene asignada ningún tipo de llamada, el radio emite un tono continuo y la pantalla muestra **No programado**. El radio no funciona cuando selecciona un canal no programado; utilice la perilla selectora de canales para seleccionar un canal programado en su lugar.



Una vez que la zona requerida se muestra (en caso de tener varias zonas en el radio), gire la perilla selectora de canales programados para seleccionar el tipo de llamada.

## 6.2.5

## Recepción y respuesta de una llamada de radio

Una vez que se muestran el canal, el ID del suscriptor o el tipo de llamada, puede proceder para recibir y responder llamadas.



Se enciende el LED de color verde mientras el radio transmite y parpadea dos veces en verde mientras el radio recibe una transmisión.

**AVISO:**

El LED se ilumina en verde mientras el radio transmite y parpadea en verde dos veces cuando el radio está recibiendo una llamada con privacidad activada. Para decodificar una llamada con privacidad habilitada, el radio debe tener la misma clave de privacidad O el mismo valor de clave o ID de clave (programado por el representante) que el radio que realiza la transmisión (el radio de la que se recibe la llamada).

Para obtener más información, consulte [Privacidad en la página 361](#).

### 6.2.5.1

## Recepción y respuesta de una llamada de grupo

Para recibir una llamada proveniente de un grupo de usuarios, el radio debe estar configurado como parte de ese grupo.

Cuando se recibe una llamada grupal (mientras se encuentra en la pantalla Inicio), el LED parpadea en

verde. El ícono de llamada grupal aparece en la esquina superior derecha. En la primera línea de texto se muestra el alias de la persona que llama. La segunda línea de texto muestra el alias de la llamada grupal. Se activa el sonido de la radio y la llamada entrante se oye a través del altavoz.

- 1 Sostenga el radio en posición vertical de 2,5 a 5 cm (1 a 2 pulgadas) de distancia de la boca.

El LED se ilumina en color verde fijo.

- 
- 2 Espere hasta que uno de los tonos de Permiso para hablar deje de sonar (si está activado) y hable claramente al micrófono.

- 
- 3 Suelte el botón **PTT** para escuchar.

Si no hay actividad de voz durante un período predeterminado, la llamada finalizará.

**AVISO:**

Consulte [Realización de una llamada de grupo en la página 289](#) para obtener detalles sobre cómo realizar una llamada de grupo.

## 6.2.5.2

## Recepción y respuesta de una llamada privada

Una Llamada privada es una llamada que realiza un radio individual a otro radio individual.

Cuando recibe una Llamada privada, el LED parpadea en verde. El ícono Llamada privada aparece en la esquina superior derecha. En la primera línea de texto se muestra el alias de la persona que llama. Se activa el sonido del radio y la llamada entrante se emite a través del altavoz del radio.

- 1 Sostenga el radio en posición vertical de 2,5 a 5 cm (1 a 2 pulgadas) de distancia de la boca.

---

- 2 Presione el botón **PTT** para responder a la llamada. El LED se ilumina en color verde fijo.

---

- 3 Espere a que el tono de Permiso para hablar deje de sonar (si está activado), y hable claramente al micrófono.

---

- 4 Suelte el botón **PTT** para escuchar.

---

Si no hay actividad de voz durante un período predeterminado, la llamada finalizará.

Escuchará un tono breve. La pantalla muestra Llamada finalizada.

Consulte [Realización de una llamada privada en la página 290](#) para obtener detalles sobre cómo realizar una llamada privada.

## 6.2.5.3

## Recibir todas las llamadas del sitio

Una llamada general en el sitio es una llamada desde un radio individual a todos los radios del sitio. Se usa para realizar anuncios importantes que requieren la atención completa del usuario.

Cuando recibe una Site All Call, se emite un tono y el LED parpadea en verde.

El ícono Llamada grupal aparece en la esquina superior derecha. En la primera línea de texto se muestra el alias de la persona que llama. La segunda línea de texto muestra **All Call en sitio**. Se activa el sonido de la radio y la llamada entrante se oye a través del altavoz.

Una vez que finalizan todas las llamadas del sitio, el radio vuelve a la pantalla en la que se encontraba antes de

recibir la llamada. Una llamada general en el sitio no espera un período de tiempo predeterminado para finalizar.

No puede responder a todas las llamadas del sitio.



### AVISO:

Consulte [Realizar Todas las llamadas del sitio en la página 291](#) para obtener detalles sobre cómo realizar una llamada a todos en el sitio.

El radio deja de recibir la llamada general en el sitio, si se pasa a un canal diferente mientras se recibe la llamada. Durante una llamada a todo el sitio, no podrá usar ninguna de las funciones de los botones programados hasta que finalice la llamada.

#### 6.2.5.4

### Recepción de una llamada telefónica privada entrante

Cuando recibe una llamada telefónica privada entrante, el ícono de llamada telefónica como llamada privada aparece en la esquina superior derecha. La primera línea de texto muestra Llmda. telef..

- 1 Para responder y hablar, mantenga presionado el botón **PTT**. Suelte el botón **PTT** para escuchar.

2

Mantenga presionado  para terminar la llamada.

En la primera línea de la pantalla se muestra Finalizando. En la segunda línea de la pantalla se muestra Llamada telefónica... Se vuelve a la pantalla Llamada telefónica. La pantalla muestra Llamada telefónica finalizada.

#### 6.2.5.4.1

### Realización de una sobremarcación con búfer en una llamada telefónica privada entrante

Durante la llamada, en la esquina superior derecha aparece el ícono de llamada telefónica como llamada privada. La primera línea de la pantalla muestra Llmda. telef..

- 1 Utilice el teclado para ingresar los dígitos y pulse el botón .

Presione  seguido de  en menos de dos segundos para insertar una pausa. La P sustituye a \* y # en la pantalla.

El ícono de llamada telefónica como llamada privada aparece en la esquina superior derecha. La primera línea de la pantalla muestra los dígitos ingresados:.

2

Presione  prolongadamente para finalizar la llamada.

En la primera línea de la pantalla se muestra Finalizando. En la segunda línea de la pantalla se muestra Llmda. telef.... Se vuelve a la pantalla Llamada telefónica.

La pantalla muestra Llamada telefónica finalizada.

## Realización de una sobremarcación en directo en una llamada telefónica privada entrante

Durante la llamada, en la esquina superior derecha aparece el ícono de llamada telefónica como llamada privada. La primera línea de la pantalla muestra Llmda. telef..

1 Presione el botón **PTT** y utilice el teclado para ingresar los dígitos.

El ícono de llamada telefónica como llamada privada aparece en la esquina superior derecha. La primera línea de la pantalla muestra los dígitos de marcación en vivo.

2

Presione  prolongadamente para finalizar la llamada.

En la primera línea de la pantalla se muestra Finalizando. En la segunda línea de la pantalla se muestra Llamada telefónica... Se vuelve a la pantalla Llamada telefónica.

La pantalla muestra Llamada telefónica finalizada.

---

### 6.2.5.5

## Recepción de una llamada de grupo de conversación telefónica entrante

Cuando recibe una llamada de grupo de conversación telefónica entrante, el ícono de llamada de grupo aparece en la esquina superior derecha. En la primera línea de texto se muestra Llamada 1.

Presione el botón **PTT** para hablar y suéltelo para escuchar.

---

### 6.2.5.6

## Llamadas telefónicas entrantes a multigrupo

Cuando recibe una llamada telefónica entrante de multigrupo, el ícono de llamada grupal aparece en la esquina superior derecha. En la primera línea de texto se muestra Llamada multigrupo. Se activa el sonido del

radio y se oye la llamada entrante de multigrupo a través del altavoz del radio.

### 6.2.6

## Realización de una Llamada de radio

Después de seleccionar un canal, puede seleccionar un alias o una ID del suscriptor o un alias o una ID de grupo mediante:

- La perilla selectora de canal
- Un botón programado de **acceso instantáneo**: la función de Acceso instantáneo le permite realizar una llamada privada a una ID predefinida con facilidad. Esta función puede asignarse a una pulsación breve o prolongada de un botón programable. Solo puede asignar una ID a un botón **Acceso instantáneo**. El radio puede tener varios botones programados **Acceso instantáneo**.
- La lista de contactos (consulte [Configuración de contactos en la página 315](#) ).
- Marcación manual: este método se usa solo para las llamadas privadas y se realiza con el teclado (consulte [Realización de una llamada privada desde contactos en](#)

la página 316 y [Realización de una llamada con el botón programable Marcd. manual en la página 293](#) ).



#### **AVISO:**

Su radio debe tener la función de privacidad activada en el canal para enviar una transmisión con la privacidad activada. Solo los radios de destino con el mismo valor de clave e ID de clave que su radio podrán descifrar la transmisión.

Para obtener más información, consulte [Privacidad en la página 361](#) .

#### **6.2.6.1**

### **Realización de una llamada con la perilla selectora de canales**

Esta función permite que los usuarios del radio realicen diferentes tipos de llamada: Llamada grupal, llamada privada, All Call en sitio, llamada a multigrupo.

#### **6.2.6.1.1**

### **Realización de una llamada de grupo**

Para llamar a un grupo de usuarios, el radio debe estar configurado como parte de ese grupo.

- 1 Seleccione el canal con el alias o la ID de grupo activos. Consulte [Seleccionar un tipo de llamada en la página 283](#) .

---

- 2 Sostenga el radio en posición vertical de 2,5 a 5 cm (1 a 2 pulgadas) de distancia de la boca.

---

- 3 Presione el botón **PTT** para realizar la llamada.  
El LED se ilumina con una luz verde estable. El ícono de llamada de grupo aparece en la esquina superior derecha. En la primera línea de texto se muestra el alias de la llamada grupal.

---

- 4 Espere a que el tono de Permiso para hablar deje de sonar (si está activado), y hable claramente al micrófono.

---

- 5 Suelte el botón **PTT** para escuchar.  
Cuando el radio de destino responde, el LED parpadea en verde, se activa el sonido del radio y la respuesta se oye a través del altavoz del radio. Verá en la pantalla el ícono de llamada de grupo, el alias o la ID de grupo, y el alias o la ID del radio transmisor.

Si no hay actividad de voz durante un período predeterminado, la llamada finalizará. El radio regresa a la pantalla en la que se encontraba antes de iniciar la llamada.

---

### 6.2.6.1.2

## Realización de una llamada privada

Si bien puede recibir y responder una llamada privada iniciada por un radio individual autorizado, el radio debe estar programado para poder iniciar una llamada privada.

Escuchará un tono indicador negativo si realiza una llamada privada mediante el botón de Lista de contactos, Registro de llamadas, **Acceso instantáneo**, la perilla selectora de canal si esta función no está activada.

Use las funciones de de texto rápidos o de alerta de llamada para comunicarse con un radio en particular. Para obtener más información, consulte [Mensajes de texto en la página 188](#) o [Operación de alerta de llamada en la página 325](#).

- 1 Realice uno de los siguientes pasos:
  - Seleccione el canal con el alias del suscriptor o la ID activo. Consulte [Seleccionar un tipo de llamada en la página 283](#).

- Presione el botón programado **Acceso instantáneo**.
- 

- 2 Sostenga el radio en posición vertical de 2,5 a 5 cm (1 a 2 pulgadas) de distancia de la boca.
- 
- 3 Presione el botón **PTT** para realizar la llamada.  
El LED se ilumina en color verde. El ícono de llamada privada aparece en la esquina superior derecha. La primera línea de texto muestra el alias del suscriptor de destino. La segunda línea de texto muestra el estado de la llamada.
- 
- 4 Espere a que el tono de Permiso para hablar deje de sonar (si está activado), y hable claramente al micrófono.
- 
- 5 Suelte el botón **PTT** para escuchar.  
Cuando el radio de destino responde, el LED parpadea en verde.  
Si no hay actividad de voz durante un período predeterminado, la llamada finalizará. Escuchará un tono breve. La pantalla muestra **Llamada finalizada**.
-

Puede programar el radio para realizar una comprobación de presencia del radio antes de configurar la llamada privada. Si el radio de destino no está disponible, se escucha un tono breve y se ve un miniaviso negativo en la pantalla.

#### 6.2.6.1.3

### Realizar Todas las Llamadas del sitio

Esta función le permite transmitir a todos los usuarios que están en el sitio y que en ese momento no están participando en otra llamada. El radio debe estar programado para poder utilizar esta función.

Los usuarios del canal no pueden responder a una Site All Call.

- 1 Seleccione el canal con el alias de grupo de Site All Call. Consulte [Seleccionar un tipo de llamada en la página 283](#).

- 2 Sostenga el radio en posición vertical de 2,5 a 5 cm (1 a 2 pulgadas) de distancia de la boca.

- 3 Presione el botón **PTT** para realizar la llamada.  
El LED se ilumina en color verde fijo. El ícono de llamada de grupo aparece en la esquina superior

derecha. La primera línea de texto muestra **Llamada a todos en el sitio**.

- 4 Espere a que el tono de Permiso para hablar deje de sonar (si está activado), y hable claramente al micrófono.

#### 6.2.6.1.4

### Realización de una llamada de multigrupo

Esta función le permite transmitir a todos los usuarios de varios grupos. El radio debe estar programado para poder utilizar esta función.



#### AVISO:

Los usuarios de los grupos no pueden responder a una llamada de multigrupo.

- 1 Gire la perilla selectora de canal para seleccionar el alias o la ID de grupo.

- 2 Presione el botón **PTT** para realizar la llamada.  
El LED se ilumina en verde fijo. La pantalla muestra el alias o la ID de multigrupo.



Espere a que el tono de permiso para hablar deje de sonar (si está activado) y hable claramente al micrófono.

---

### 6.2.6.1.5

## Realizar una llamada privada con el botón One Touch Call (Llamada instantánea)



### AVISO:

La pulsación de los botones programables se debe iniciar desde la pantalla de inicio.

La función de llamada instantánea le permite realizar fácilmente una llamada privada a un alias o ID de llamada privada predefinido. Esta función puede asignarse a una pulsación breve o prolongada de un botón programable.

SOLO puede asignar un alias o ID a un botón de One Touch Call (Llamada instantánea). El radio puede tener varios botones programados One Touch Call (Llamada instantánea).

- 1 Presione el botón de **Llamada instantánea** para efectuar una llamada privada al alias o ID de llamada privada predefinido.
- 

- 2 Sostenga el radio en posición vertical de 2,5 a 5 cm (1 a 2 pulgadas) de distancia de la boca.
- 

- 3 Presione el botón **PTT** para realizar la llamada.

El LED se ilumina en color verde fijo.

La pantalla muestra el alias o ID de la llamada privada.

---

- 4 Espere a que el tono de permiso para hablar deje de sonar (si está activado) y hable claramente al micrófono.
- 

- 5 Suelte el botón **PTT** para escuchar.

Cuando el radio de destino responda, el LED parpadeará en verde.

Si no hay actividad de voz durante un período predeterminado, la llamada finalizará.

---

## 6.2.6.2

## Realización de una llamada con el botón programable Marcdo. manual

Esta función permite que los usuarios del radio realicen llamadas privadas mediante el uso del botón programable de marcación manual.

## 6.2.6.2.1

### Realización de una llamada privada

- 1 Presione el botón programado **Marcación manual** para ingresar en la pantalla Marcación manual.

La pantalla muestra Número:.

- 2 Use el teclado para ingresar un alias o una ID privados.
- 3 Sostenga el radio en posición vertical de 2,5 a 5 cm (1 a 2 pulgadas) de distancia de la boca.
- 4 Presione el botón **PTT** para realizar la llamada.  
El LED se ilumina en color verde fijo. El ícono Llamada privada aparece en la esquina superior

derecha. La primera línea de texto muestra el alias del suscriptor. La segunda línea de texto muestra el estado de la llamada.

- 5 Espere a que el tono de permiso para hablar deje de sonar (si está activado) y hable claramente al micrófono.

- 6 Suelte el botón **PTT** para escuchar.

Cuando el radio de destino responda, el LED parpadeará en verde.

Si no hay actividad de voz durante un período predeterminado, la llamada finalizará. Escuchará un tono breve. La pantalla muestra Llamada finalizada.

### 6.2.6.3

## Realización de una llamada telefónica privada entrante con el botón programable Marcdo. manual

- 1 Presione el botón programado **Marcación manual** para ingresar en la pantalla Marcación manual.

La pantalla muestra Número:.

- 2 Utilice el teclado para ingresar un número de

teléfono y presione  para realizar una llamada al número ingresado.

Presione  para eliminar los caracteres no deseados. Presione  seguido de  en menos de dos segundos para insertar una pausa. La P sustituye a \* y # en la pantalla.

Si se realiza correctamente, la primera línea de la pantalla muestra Llamada telefónica. La segunda línea de la pantalla muestra el número de teléfono marcado.

Si se selecciona un número de teléfono no válido, la pantalla muestra un miniaviso negativo, Llamada telefónica fallida, Recurso no disponible o Permisos no válidos.

Si se presiona  sin haber introducido un número de teléfono, el radio emite un tono indicador positivo y, a continuación, un tono indicador negativo. La pantalla permanece igual.

### 3

Presione  prolongadamente para finalizar la llamada.

En la primera línea de la pantalla se muestra Finalizando. En la segunda línea de la pantalla se muestra Llamada telefónica...

La pantalla muestra Llamada telefónica finalizada.

## 6.2.6.4

## Realización de una llamada telefónica privada saliente a través del menú del teléfono

- 1 Presione  para acceder al menú.

---

- 2 Presione  o  para Teléfono y presione  para seleccionar.

---

- 3 Presione  para seleccionar Marcado. manual.  
La primera línea de la pantalla muestra Número; la segunda línea de la pantalla muestra un cursor intermitente.

---

- 4 Utilice el teclado para ingresar un número de teléfono y presione  para realizar una llamada al número ingresado.

Presione  para eliminar los caracteres no deseados. Presione  seguido de  en menos de dos segundos para insertar una pausa. La P sustituye a \* y # en la pantalla.

Si se realiza correctamente, la primera línea de la pantalla muestra Llamada telefónica. La segunda línea de la pantalla muestra el número de teléfono marcado.

Si se selecciona un número de teléfono no válido, la pantalla muestra un miniaviso negativo, Llamada telefónica fallida, Recurso no disponible o Permisos no válidos.

Si se presiona  sin haber introducido un número de teléfono, el radio emite un tono indicador positivo y, a continuación, un tono indicador negativo. La pantalla permanece igual.

5

Presione  prolongadamente para finalizar la llamada.

En la primera línea de la pantalla se muestra Finalizando. En la segunda línea de la pantalla se muestra Llamada telefónica...

La pantalla muestra Llamada telefónica finalizada.

#### 6.2.6.5

### Realización de una llamada telefónica privada saliente desde Contactos



#### AVISO:

Si la marcación manual del teléfono está desactivada en MOTOTRBO Connect Plus Option Board CPS, el elemento Número telefónico **no** se mostrará en el menú.

1

Presione  para acceder al menú.

2

Presione  o  para Contactos y presione  para seleccionar.

3

Presione  o  para Marcación manual y presione  para seleccionar.

4

Presione  o  para Número telefónico y presione  para seleccionar.

La primera línea de la pantalla muestra Número; la segunda línea de la pantalla muestra un cursor intermitente.

5

Utilice el teclado para ingresar un número de teléfono y presione  para realizar una llamada al número ingresado.

Si se presiona el botón **PTT**, la pantalla muestra un miniaviso negativo, Presione OK para enviar y vuelve a la pantalla anterior.

Presione  para eliminar los caracteres no deseados. Presione  seguido de  en menos de dos segundos para insertar una pausa. La P sustituye a \* y # en la pantalla.

Si se realiza correctamente, la primera línea de la pantalla muestra Llamada telefónica. La segunda línea de la pantalla muestra el número de teléfono marcado.

Si se presiona  sin haber introducido un número de teléfono, el radio emite un tono indicador positivo y, a continuación, un tono indicador negativo. La pantalla permanece igual.

6

Presione  prolongadamente para finalizar la llamada.

En la primera línea de la pantalla se muestra Finalizando. En la segunda línea de la pantalla se muestra Llamada telefónica...

La pantalla muestra Llamada telefónica finalizada.

## 6.2.6.6

## Espera para que el canal otorgue una llamada telefónica privada saliente

Al realizar una llamada telefónica privada, la primera línea de la pantalla muestra Llmada. telef.. La segunda línea de la pantalla muestra el número de teléfono marcado.

Cuando se conecta la llamada, en la esquina superior derecha aparece el ícono de llamada telefónica como llamada privada. La primera línea de la pantalla muestra el número telefónico.

Si no se realiza correctamente, la pantalla muestra un miniaviso negativo, LLamada tel. fallida, Recurso no disponible o Permisos no válidos.

Presione  prolongadamente para finalizar la llamada.

La pantalla vuelve a la pantalla anterior.

## 6.2.6.7

## Realización de una sobremarcación con búfer en una llamada telefónica saliente conectada

Durante la llamada, en la esquina superior derecha aparece el ícono de llamada telefónica como llamada privada. En la primera línea de texto de la pantalla se muestra el número telefónico.

- 1 Utilice el teclado para ingresar los dígitos.

Presione  para eliminar los caracteres no deseados. Presione  seguido de  en menos de dos segundos para insertar una pausa. La P sustituye a \* y # en la pantalla.

La primera línea de texto de la pantalla muestra Dígitos extra, la segunda línea de texto de la pantalla se muestra los dígitos extra ingresados.

- 2 Presione el botón .

Si se presiona el botón **PTT**, la pantalla muestra un miniaviso negativo, Presione OK para enviar y vuelve a la pantalla anterior.

El ícono de llamada telefónica como llamada privada aparece en la esquina superior derecha. La primera línea de texto de la pantalla muestra el número de teléfono con los dígitos de sobremarcación adjuntos.

- 3 Realice uno de los siguientes pasos:

- Presione  para volver a la pantalla Llamada telefónica.
- Presione  prolongadamente para finalizar la llamada.

## 6.2.6.8

## Realización de una sobremarcación en vivo en una llamada telefónica saliente conectada

Durante la llamada, en la esquina superior derecha aparece el ícono de llamada telefónica como llamada

privada. En la primera línea de texto de la pantalla se muestra el número telefónico.

- 1 Presione el botón **PTT** y utilice el teclado para ingresar los dígitos.

El ícono de llamada telefónica como llamada privada aparece en la esquina superior derecha. La primera línea de texto de la pantalla muestra el número de teléfono con los dígitos de sobremarcación adjuntos.

- 2 Presione  prolongadamente para finalizar la llamada.

En la primera línea de la pantalla se muestra Finalizando. En la segunda línea de la pantalla se muestra Llamada telefónica...

La pantalla muestra Llamada telefónica finalizada.

## 6.3

# Funciones avanzadas en el modo Connect Plus

En este capítulo, se explican las operaciones de las funciones disponibles en el radio.

## 6.3.1

## Recordatorio del canal de inicio

Esta función proporciona un recordatorio cuando el radio no está configurado en el canal de inicio durante un período.

Si esta función se activa a través del CPS, suenan periódicamente el tono y el anuncio del recordatorio del canal principal, la primera línea de la pantalla muestra Sin y la segunda muestra Canal principal en forma periódica cuando el radio no está en este canal durante un período.

Puede responder al recordatorio a través de una de las acciones siguientes:

- Regresar al canal de inicio.
- Silencie temporalmente el recordatorio a través del botón programable.



- Configure un nuevo canal principal a través del botón programable.

### 6.3.1.1

## Silenciar el Recordatorio del canal de inicio

Cuando se emite el Recordatorio del canal de inicio, puede silenciarlo temporalmente por medio de la siguiente acción.

Presione el botón programable **Silenciar recordatorio del canal principal**.

La primera línea de la pantalla muestra HCR y la segunda muestra Silenciado.

---

### 6.3.1.2

## Configuración de un nuevo canal de inicio

Cuando se produce el recordatorio de canal principal, puede establecer un nuevo canal principal realizando una de las siguientes acciones:

- Presione el botón programable **Restablecer canal principal**.

La primera línea de la pantalla muestra el alias del canal y la segunda muestra Nuevo canal principal.

- Configure un nuevo canal de inicio mediante el menú:
  - a. Presione  para acceder al menú.
  - b. Presione ▲ o ▼ para Utilidades y presione  para seleccionar.
  - c. Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.

- d. Presione ▲ o ▼ para Canal principal y presione  para seleccionar.
- e. Seleccione de la lista de canales válidos.  
La pantalla muestra ✓ al lado del alias del canal principal.

### 6.3.2

## Repliegue automático

El repliegue automático es una función del sistema que le permite realizar y recibir llamadas que no sean de emergencia en el grupo de contacto seleccionado, en caso de que ocurran ciertos tipos de fallas en el sistema Connect Plus.

Si ocurre alguna de estas fallas, el radio intenta hacer roaming a un sitio Connect Plus diferente. Este proceso de búsqueda puede dar lugar a que el radio encuentre un sitio de Connect Plus operable o que encuentre un canal de repliegue (si el radio tiene activada la función de repliegue automático).

Un canal de repliegue es un repetidor que normalmente es parte de un sitio de Connect Plus operable, pero que no puede comunicarse con el controlador de sitio o la red de

Connect Plus en ese momento. En modo de repliegue, el repetidor funciona como un repetidor digital único. El modo de repliegue automático admite solo llamadas de grupo que no sean de emergencia. Ningún otro tipo de llamada se admite en el modo de repliegue.

### 6.3.2.1

## Indicaciones del modo de repliegue automático

Cuando el radio usa un canal de repliegue, puede escuchar el tono de repliegue intermitente aproximadamente una vez cada 15 segundos (excepto durante una transmisión). En la pantalla, se muestra periódicamente el mensaje breve, *Canal de repliegue*. El radio solo permite el PTT en el contacto de grupo seleccionado (llamada de grupo, llamada de multigrupo o Site All Call). No le permite realizar otros tipos de llamadas.

## Realización y recepción de llamadas en modo de repliegue

**AVISO:**

Solo los radios que se controlan en el mismo canal de repliegue y se seleccionan en el mismo grupo logran oír las llamadas. Las llamadas no están conectados en red con otros sitios o repetidores. Las llamadas de voz de emergencia o las alertas de emergencia no están disponibles en el modo de repliegue. Si presiona el botón de emergencia en el modo de repliegue, el radio proporcionará un tono de pulsación de tecla no válido. Los radios con pantalla también mostrarán el mensaje, "Función no disponible".

Las llamadas privadas (radio a radio) y telefónicas no están disponibles en el modo de repliegue. Si intenta realizar una llamada a un contacto privado, recibirá un tono de rechazo. En este punto, deberá seleccionar un contacto de grupo que desee. Otras llamadas no compatibles incluyen monitor remoto, alerta de llamada, verificación de radio, habilitación de radio, inhabilitación de radio, mensajería de texto, actualizaciones de posición y datos en paquete.

El acceso mejorado al canal de tráfico (ETCA) no es compatible con el modo de repliegue automático. Si dos o más usuarios de radio presionan **PTT** al mismo tiempo (o a casi al mismo tiempo), es posible que ambos radios transmitan hasta que se libere el botón **PTT**. En este caso, es posible que los radios receptores no entiendan ninguna de las transmisiones.

Realizar llamadas en el modo de repliegue es similar al funcionamiento normal. Solo seleccione el contacto de grupo que desea utilizar (mediante el método de selección de canales normal del radio) y luego presione **PTT** para iniciar la llamada. Es posible que el canal ya lo esté utilizando otro grupo. Si el canal está en uso, recibirá un tono de ocupado y la pantalla mostrará "Canal ocupado". Es posible que seleccione los contactos Grupo, Multigrupo o Llamada a todos en el sitio mediante el método de selección de canales normal del radio. Mientras el radio funciona en el canal de repliegue, el multigrupo funciona al igual que otros grupos. Solo se escucha en los radios que actualmente están seleccionados en el mismo multigrupo.

### 6.3.2.3

## Regreso al funcionamiento normal

Si el sitio vuelve al funcionamiento de troncalización normal mientras está en el rango del Repetidor de repliegue, el radio saldrá automáticamente del modo de Repliegue automático. Se oye un "pitido" de registro cuando el radio se registra correctamente. Si está en el rango de un sitio operable (que no está en modo de repliegue), presione el botón Roam Request (Solicitud de itinerancia) (si está programado en el radio) para forzar a que el radio busque y se registre en un sitio disponible. Si ningún otro sitio está disponible, el radio vuelve al modo de Repliegue automático tras realizar la búsqueda. Si conduce fuera de la cobertura del Repetidor de repliegue, el radio entra en el modo de Búsqueda (en la pantalla se muestra *Buscando*).

### 6.3.3

## Verificación de radio

Si esta función está activada, permite determinar si hay otro radio activo en un sistema, sin molestar al usuario de ese radio. No aparecen notificaciones de sonido ni visuales en el radio de destino.

Esta función se aplica solo a los ID de los suscriptores.

## 6.3.3.1

## Envío de una verificación de radio

- 1 Acceder a la función Verif. de radio.

| Control del radio                       | Pasos                                                                                                                                                                                                                                                                                         |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Botón programado Verif. de radio</b> | <p><b>a</b> Presione el botón programado <b>Verif. de radio</b>.</p> <p><b>b</b> Presione ▲ o ▼ para el alias o ID del suscriptor requerido y presione  para seleccionar.</p>                                |
| <b>Menú</b>                             | <p><b>a</b> Presione  para acceder al menú.</p> <p><b>b</b> Presione ▲ o ▼ para Contactos y presione  para seleccionar.</p> |

| Control del radio | Pasos                                                                                                                                                                                                                                                                                                                                                            |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | <p><b>c</b> Presione ▲ o ▼ para el alias o ID del suscriptor requerido y presione  para seleccionar.</p> <p><b>d</b> Presione ▲ o ▼ para Verificar radio y presione  para seleccionar.</p> |

La pantalla muestra el alias de destino, lo cual indica que la solicitud está en curso. El LED se ilumina en color verde fijo.

- 2 Espere una confirmación.

Si el radio de destino está activo en el sistema, emite un tono y la pantalla muestra brevemente Radio objetivo disponible.

Si el radio de destino no está activo en el sistema, emite un tono y la pantalla muestra brevemente Radio objetivo no disponible.

El radio regresa a la pantalla del alias o la ID del suscriptor cuando se inicia a través del menú.

El radio regresa a la pantalla Inicio cuando se inicia a través del botón programable.

#### 6.3.4

### Monitor remoto

Use la función de Monitor remoto para encender el micrófono de un radio de destino (solo alias o ID del suscriptor). El LED verde parpadeará una vez en el suscriptor de destino. Puede utilizar esta función para monitorear, de manera remota, cualquier actividad sonora que rodea al radio de destino.

El radio debe estar programado para poder utilizar esta función.

#### 6.3.4.1

## Inicio del monitor remoto



### AVISO:

El monitor remoto se detiene automáticamente después de una duración programada, o cuando se produce cualquier intento de iniciar la transmisión, cambiar de canal o apagar el radio.

- 1 Acceda a la función Monitor remoto.

| Control del radio                      | Pasos                                                                                                                                                                                                                                                           |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Botón programado Monitor remoto</b> | <p><b>a</b> Presione el botón programado <b>Monitor remoto</b>.</p> <p><b>b</b> Presione ▲ o ▼ para el alias o ID del suscriptor requerido y presione  para seleccionar.</p> |
| <b>Menú</b>                            | <p><b>a</b> Presione  para acceder al menú.</p>                                                                                                                              |

| Control del radio | Pasos                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | <p><b>b</b> Presione ▲ o ▼ para Contactos y presione  para seleccionar.</p> <p><b>c</b> Presione ▲ o ▼ para el alias o ID del suscriptor requerido y presione  para seleccionar.</p> <p><b>d</b> Presione ▲ o ▼ para Marcación manual y presione  para seleccionar.</p> <p><b>e</b> Presione ▲ o ▼ para Monitor rem. y presione  para seleccionar.</p> |

La primera línea de texto muestra Monitor remoto. La segunda línea de texto muestra el alias de

destino, lo que indica que la solicitud está en curso. Las luces LED se iluminan en verde intermitente.

## 2 Espere una confirmación.

Si se realiza correctamente, suena un tono indicador positivo y la pantalla muestra momentáneamente Monitor remot.. El radio comienza a reproducir el audio enviado por el radio monitoreado durante un tiempo programado y la pantalla muestra Monitor remot., seguido de un alias de destino. Una vez que finaliza el recuento del temporizador, el radio emite un tono de alerta y el LED se apaga.

Si no se realiza correctamente, suena un tono indicador negativo y la pantalla muestra Error mon. remot..

### 6.3.5

## Rastreo

Esta característica le permite al radio supervisar y unirse a llamadas de grupos definidos por el usuario en una lista de rastreo preprogramada. Cuando el rastreo está activado, aparece el ícono de rastreo en la barra de estado y el indicador LED parpadea en verde cuando está inactivo.

## 6.3.5.1

## Inicio e interrupción del rastreo

**AVISO:**

Este procedimiento activa y desactiva la función de rastreo para todas las zonas Connect Plus con la misma ID de red que la zona actualmente seleccionada. Es importante tener en cuenta que incluso cuando la función de rastreo se activa a través de este procedimiento, aun se puede desactivar el rastreo para algunos (o todos) grupos de la lista de rastreo. Para obtener más información, consulte [Modificación de la lista de rastreo en la página 309](#).

Para iniciar y detener el rastreo, presione el botón programado **Rastreo O** siga el procedimiento descrito a continuación.

1

Presione  para acceder al menú.

2

Presione  o  para acceder a Rastreo y presione  para seleccionar.

3 Presione  o  para Encender o Apagar y

presione  para seleccionar.

- La pantalla muestra **Rastreo activado** si el rastreo está activado.
- El menú Rastrear muestra **Apagado** si el rastreo está activado.
- La pantalla muestra **Rastreo desactivado** si el rastreo está desactivado.
- El menú Rastrear muestra **Encendido** si el rastreo está desactivado.

## 6.3.5.2

## Respuesta a una Transmisión durante un rastreo

Durante el rastreo, el radio se detiene en un grupo en el que se detecta actividad. El radio continuamente recibe a



cualquier miembro en la lista de rastreo, cuando está inactivo en el canal de control.

- 1 Sostenga el radio en posición vertical de 2,5 a 5 cm (1 a 2 pulgadas) de distancia de la boca.
- 2 Presione el botón **PTT** durante el tiempo de espera.  
El LED se ilumina en color verde fijo.
- 3 Espere a que el tono de Permiso para hablar deje de sonar (si está activado), y hable claramente al micrófono.
- 4 Suelte el botón **PTT** para escuchar.  
Si no responde dentro del tiempo de espera, el radio vuelve al rastreo de otros grupos.

a nivel de red) que esté actualmente asignado a una posición del selector de canal en una zona Connect Plus con la misma ID de red que la zona seleccionada actualmente. El alias del grupo de conversación no debe coincidir con ningún grupo de conversación que se haya incluido en la lista de rastreo actual de la zona.

El rastreo se puede activar o desactivar en el menú o al presionar el botón programado **Rastreo activado/desactivado**.

Esta función solo opera cuando el radio no está actualmente en una llamada. Si actualmente está escuchando una llamada, el radio no puede buscar otras llamadas de grupo, y por lo tanto no sabe si están en curso. Cuando finalice la llamada, el radio vuelve a la franja de tiempo del canal de control y puede buscar grupos que están en la lista de rastreo.

### 6.3.6

## Rastreo configurado por el usuario

Si el menú Editar lista está activado, el usuario puede Agregar o Eliminar los miembros de la búsqueda desde el menú Agregar miembro. Un miembro de lista de rastreo debe ser un contacto de grupo regular (por ejemplo, no llamada de multigrupo o llamada a todos en el sitio/llamada

## 6.3.7

## Modificación de la lista de rastreo

**AVISO:**

Si la entrada de la lista de rastreo resulta ser el grupo actualmente seleccionado, el radio busca actividad en el grupo, independiente de si la entrada de la lista muestra una marca de verificación o no. Cada vez que un radio no está en una llamada, el radio busca actividad en el grupo seleccionado, multigrupo, llamada general en el sitio y su grupo de reversión de emergencia predeterminado (si hay una configuración para ello). Esta operación no se puede desactivar. Si se activa la exploración, el radio también escuchará actividad de los miembros de la lista de rastreo de la zona activada.

La lista de rastreo determina qué grupos se pueden explorar. La lista se crea cuando programa el radio. Si su radio se programó para permitirle editar la lista de rastreo, puede:

- Activar/desactivar el rastreo para grupos individuales de la lista.
- Agregar y eliminar los miembros del rastreo desde el menú Agregar miembro. Consulte [Adición o eliminación](#)

de un grupo mediante el menú Agregar miembros en la página 310 .

**AVISO:**

Un miembro de lista de rastreo debe ser un contacto de grupo regular (no llamada de multigrupo o llamada a todos en el sitio/llamada a nivel de red) que está actualmente asignado a una posición del selector de canal en una zona Connect Plus con la misma ID de red que la zona seleccionada.

El alias del grupo de conversación no debe coincidir con ningún grupo de conversación que se haya incluido en la lista de rastreo actual de la zona.

1

Presione  para acceder al menú.

2

Presione ▲ o ▼ para acceder a Ver/editar lista y presione  para seleccionar.

3

Presione ▲ o ▼ hasta el nombre de grupo que desee.

Si una marca de verificación precede al nombre del Grupo, el rastreo está actualmente activado para este Grupo.

Si no hay ninguna marca de verificación antes del nombre del Grupo, el rastreo está desactivado para este Grupo.

4



para seleccionar el grupo deseado.

La pantalla muestra **Activar** si el rastreo se encuentra desactivado para el grupo.

La pantalla muestra **Desactivar** si el rastreo se encuentra activado para el grupo.

5 Seleccione la opción mostrada (**Activar** o

**Desactivar**) y presione  para seleccionar.

En función de la opción que se ha seleccionado, el radio muestra en forma momentánea **Scan Enabled** (Rastreo habilitado) o **Scan Disabled** (Rastreo deshabilitado) como confirmación.

El radio muestra la lista de Rastreo de la zona nuevamente. Si el rastreo estaba habilitado para el Grupo, la marca de verificación se muestra antes del nombre del

Grupo. Si el rastreo estaba deshabilitado para el Grupo, la marca de verificación no se muestra antes del nombre del Grupo.

### 6.3.8

## Adición o eliminación de un grupo mediante el menú **Agregar miembros**

El radio Connect Plus no permite que un número de grupo duplicado o un alias de grupo duplicado se ubiquen en una lista de rastreo de zona (o que aparezca como "candidato de rastreo"). Por lo tanto, la lista de "candidatos de rastreo", descrita en [paso 6](#) y [paso 7](#), a veces cambia después de agregar o eliminar un grupo de la lista de rastreo de zona.

Si el radio se programó para permitirle editar la lista de rastreo, puede utilizar el menú **Añadir miembro** para agregar un grupo a la lista de rastreo de la zona actualmente seleccionada, o para eliminar un grupo de la lista de rastreo de la zona actualmente seleccionada.

1



Presione  para acceder al menú.

- 2 Presione ▲ o ▼ para la opción Rastreo y

presione  para seleccionar.

---

- 3 Presione ▲ o ▼ para <Agregar miembros> y

presione  para seleccionar.

En la pantalla se muestra Agregar miembros desde la zona n (n = el número de zona Connect Plus de la primera zona Connect Plus en el radio con la misma ID de red que la zona actualmente seleccionada).

---

- 4 Realice uno de los siguientes pasos:

- Si el grupo que desea agregar a la lista de rastreo se asigna a una posición de selector de canal en esa zona, vaya a [paso 6](#).
  - Si el grupo que desea agregar a la lista de rastreo se asigna a una posición de selector de canal en una zona Connect Plus diferente, vaya a [paso 5](#).
- 

- 5 Presione ▲ o ▼ para desplazarse por una lista de zonas Connect Plus que tienen el mismo ID de red que la zona actualmente seleccionada.
- 

- 6 Después de localizar la zona Connect Plus donde el grupo deseado se asigna a una posición de selector

de canal, presione  para seleccionar.

El radio muestra la primera entrada en una lista de grupos asignados a una posición del canal en esa zona. Los grupos de la lista se denominan "candidatos de rastreo", porque se pueden agregar a la lista de rastreo de la zona actualmente seleccionada (o ya se encuentran en la lista de rastreo de la zona).

Si la zona no tiene ningún grupo que se pueda agregar a la lista de rastreo, el radio muestra No Candidates (No hay candidatos).

---

- 7 Presione ▲ o ▼ para desplazarse por la lista de grupos de candidatos.

Si aparece un signo más (+) inmediatamente antes del alias de grupo, significa que el grupo se encuentra actualmente en la lista de scan de la zona seleccionada.

Si no aparece el signo más (+) inmediatamente antes del alias, el grupo no está actualmente en la lista de scan, pero se puede agregar.

8

Presione  cuando se muestre el alias de grupo deseado.

Si este grupo no está actualmente en la lista de rastreo de la zona actualmente seleccionada, aparece el mensaje **Agregar** (alias de grupo).

Si este grupo está actualmente en la lista de scan de la zona actualmente seleccionada, aparece el mensaje **Eliminar** (alias de grupo).

9

Presione  para aceptar el mensaje mostrado (**Agregar** o **Eliminar**).

Si eliminará un grupo de la lista, sabrá que la operación fue exitosa porque el signo más (+) ya no se verá inmediatamente antes del alias.

Si agregará un grupo a la lista, sabrá que la operación fue exitosa porque el signo más (+) se verá antes del alias.

Si intenta agregar un grupo y la lista ya está llena, el radio muestra **Lista llena**. Si esto ocurriera, será necesario eliminar un grupo de la lista de rastreo antes de agregar uno nuevo.

10

Cuando haya terminado, presione  tantas veces como sea necesario para volver al menú deseado.

### 6.3.9

## Conocimiento del funcionamiento del rastreo



### AVISO:

Si el radio se une a una llamada para un miembro de la lista de rastreo de la zona desde una zona distinta y se agotan los Hang Timers de la llamada, antes de poder responder, debe navegar a la zona y el canal del miembro de la lista de rastreo e iniciar una nueva llamada.

Hay algunas circunstancias en las que puede perder llamadas de los grupos que están en la lista de rastreo. Cuando pierde una llamada por una de las siguientes razones, esto no indica un problema con el radio. Esto es

parte del funcionamiento normal de rastreo de Connect Plus.

- La función de rastreo no está activada (compruebe si el ícono de rastreo está en la pantalla).
- Miembro de lista de rastreo se deshabilitó mediante el menú (consulte [Modificación de la lista de rastreo en la página 309](#)).
- Ya está participando en una llamada.
- Ningún miembro del grupo rastreado está registrado en el sitio (solo sistemas multisitios).

### 6.3.10

## Rastrear de llamada de vuelta

Si el radio rastrea una llamada de la lista de rastreo de grupo seleccionable, y si se presiona el botón **PTT** durante la llamada rastreada, el funcionamiento del radio depende de si el rastreo de la llamada de muestra estaba activado o desactivado durante la programación del radio.

### Rastreo de llamada de vuelta desactivado

El radio sale de la llamada rastreada e intenta transmitir el contacto para la posición del canal seleccionado en ese momento. Después de que caduca el tiempo de espera de la llamada en el contacto seleccionado en

ese momento, el radio vuelve al canal inicial y se inicia el temporizador para el tiempo de espera de rastreo. El radio reanudará el rastreo del grupo después de que caduque el temporizador para tiempo de espera de rastreo.

### Rastreo de llamada de vuelta activado

Si se presiona el botón **PTT** durante el tiempo de espera de grupo de la llamada rastreada, el radio intenta transmitir al grupo rastreado.



### AVISO:

Si rastrea una llamada de un grupo que no está asignado a una posición del canal de la zona seleccionada en ese momento y no alcanza el tiempo de espera de la llamada, cambie a la zona adecuada y luego seleccione la posición del canal del grupo para volver a hablar con ese grupo.

### 6.3.11

## Edición de la prioridad de un grupo de conversación

La característica Monitor de prioridad permite que el radio reciba automáticamente la transmisión del grupo con más alta prioridad cuando está en otra llamada. Se emite un

tono cuando el radio cambia a la llamada con mayor prioridad.

Existen dos niveles de prioridad para los grupos de conversación: P1 y P2. P1 tiene mayor prioridad que P2.



### AVISO:

Si el ID de grupo de reversión de emergencia predeterminado está configurado en MOTOTRBO Connect Plus Option Board CPS, existen tres niveles de prioridad para los grupos de conversación: P0, P1 y P2. P0 es la ID de Emergency Revert Group permanente y la de mayor prioridad. Para obtener más información, comuníquese con el distribuidor o administrador del sistema.

1

Presione  para acceder al menú.

---

2

Presione ▲ o ▼ para acceder a Rastreo y presione  para seleccionar.

---

3

Presione ▲ o ▼ para acceder a Ver/editar lista y presione  para seleccionar.

---

4 Presione ▲ o ▼ para el grupo de conversación requerido y presione  para seleccionar.

---

5 Presione ▲ o ▼ para Editar prioridad y presione  para seleccionar.

---

6 Presione ▲ o ▼ para el nivel de prioridad requerido y presione  para seleccionar.

La pantalla muestra un miniaviso positivo antes de volver a la pantalla anterior. El icono de prioridad aparece a la izquierda del grupo de conversación.

---

## 6.3.12

## Configuración de contactos



### AVISO:

Puede agregar o editar la ID del suscriptor para la lista de contactos Connect Plus. La eliminación de ID de los suscriptores solo puede ser realizada por su distribuidor.

Si la función de privacidad está activada en un canal, puede realizar una llamada de voz con privacidad activada en ese canal. Solo los radios de destino con la misma clave de privacidad o con el mismo valor de clave e ID de clave que el radio podrán decodificar la transmisión.

El acceso a las listas de contactos depende de la configuración de zonas:

- Si solo se configuró una zona en el radio, la lista de contactos directamente muestra la lista de la zona actual seleccionada.
- Si existen varias zonas configuradas en el radio, la carpeta Contactos de zona muestra todas las zonas con los mismos ID de red de la zona actual seleccionada. El usuario puede acceder a la lista de contactos en estas zonas.

Esta función proporciona capacidades de “directorio telefónico” en el radio. Cada entrada corresponde a un alias o ID que se utiliza para iniciar una llamada.

Cada zona proporciona una lista de contactos con hasta 100 contactos. Los siguientes tipos de contacto están disponibles:

- Llamadas privadas
- Llamada de grupo
- Llamada multigrupo
- Mensaje de voz a todos en el sitio
- Mensaje de texto a todos en el sitio
- Llamada de despacho

El tipo de contacto de llamada de despacho se utiliza para enviar un mensaje de texto a una computadora despachadora a través de un servidor de mensajes de texto de terceros.



### 6.3.12.1

## Realización de una llamada privada desde contactos

- 1 Presione  para acceder al menú.

---

- 2 Presione ▲ o ▼ para Contactos y presione  para seleccionar.  
Las entradas están ordenadas alfabéticamente.

---

- 3 Use uno de los pasos descritos a continuación para seleccionar el alias del suscriptor requerido.
  - Seleccione el alias del suscriptor directamente.
    - Presione ▲ o ▼ para el alias o ID de suscriptor requerido.
  - Use el menú de Marcado manual
    - Presione ▲ o ▼ para Marcación manual y presione  para seleccionar.
    - Si hay un alias o una ID que se marcó anteriormente, el alias o la ID aparecerán

junto a un cursor intermitente. Use el teclado para editar/ingresar la ID. Presione  para realizar la selección.

- 
- 4 Sostenga el radio en posición vertical de 2,5 a 5 cm (1 a 2 pulgadas) de distancia de la boca.

---

  - 5 Presione el botón **PTT** para realizar la llamada.  
El LED se ilumina en color verde fijo. La pantalla muestra el alias del destino.

---

  - 6 Espere a que el tono de Permiso para hablar deje de sonar (si está activado), y hable claramente al micrófono.

---

  - 7 Suelte el botón **PTT** para escuchar.  
Cuando el radio de destino responde, el LED parpadea en verde y la pantalla muestra el ID del usuario que realiza la transmisión.  
Si no hay actividad de voz durante un período predeterminado, la llamada finalizará.

Escuchará un tono breve. La pantalla muestra  
Llamada finalizada.

### 6.3.12.2

## Realización de una llamada por búsqueda de alias

También puede realizar una búsqueda por alias o alfanumérica para recuperar el alias del suscriptor deseado.

Esta característica solo puede aplicarse mientras está en Contactos.

- 1 Presione  para acceder al menú.

- 2 Presione  o  para Contactos y presione  para seleccionar.  
Las entradas están ordenadas alfabéticamente.

- 3 Escriba el primer carácter del alias requerido y, a continuación, presione el botón  o  para buscar el alias requerido.

- 4 Sostenga el radio en posición vertical de 2,5 a 5 cm (1 a 2 pulgadas) de distancia de la boca.

- 5 Presione el botón **PTT** para realizar la llamada.  
El LED se ilumina en color verde fijo. La pantalla muestra el alias del destino.

- 6 Espere a que el tono de Permiso para hablar deje de sonar (si está activado), y hable claramente al micrófono.

- 7 Suelte el botón **PTT** para escuchar.

Cuando el radio de destino responda, el LED parpadeará en verde.

Si no hay actividad de voz durante un período predeterminado, la llamada finalizará.

La pantalla muestra Llamada finalizada.

### 6.3.12.3

## Añadir un contacto nuevo

- 1 Presione  para acceder al menú.

---

- 2 Presione ▲ o ▼ para Contactos y presione  para seleccionar.

---

- 3 Presione ▲ o ▼ para Nuevo contacto y presione  para seleccionar.

---

- 4 Utilice el teclado para ingresar el número de contacto y presione  para confirmar.

---

- 5 Utilice el teclado para ingresar el nombre del contacto y presione  para confirmar.

---

- 6 Si desea agregar un contacto de radio, presione ▲ o ▼ para el tipo de timbre requerido y presione

 para seleccionar.

El radio emite un tono indicador positivo y la pantalla muestra *Contacto guardado*.

---

### 6.3.13

## Configuración del indicador de llamadas

Esta función permite que los usuarios del radio configuren los tonos de timbre de llamada o mensaje de texto.

### 6.3.13.1

## Activación y desactivación de timbres de llamada para alertas de llamada

Puede seleccionar, activar o desactivar los tonos de timbre para una alerta de llamada recibida.

- 1 Presione  para acceder al menú.

---

- 2 Presione ▲ o ▼ para Utilidades y presione



para seleccionar.

- 3 Presione ▲ o ▼ para Configuración del

radio y presione  para seleccionar.

- 4 Presione ▲ o ▼ para Tonos/Alertas y presione



para seleccionar.

- 5 Presione ▲ o ▼ para Timbres de llamada y

presione  para seleccionar.

- 6 Presione ▲ o ▼ para Alerta de llamada y

presione  para seleccionar.

El tono actual se indica mediante ✓.

- 7 Presione ▲ o ▼ para el tono requerido y presione



para seleccionar.

✓ aparece junto al tono seleccionado.

### 6.3.13.2

## Activación y desactivación de timbres de llamadas para llamadas privadas

Puede activar o desactivar los tonos para una llamada privada.

1

Presione  para acceder al menú.

2

Presione ▲ o ▼ para Utilidades y presione



para seleccionar.

3

Presione ▲ o ▼ para Configuración del

radio y presione  para seleccionar.

4

Presione ▲ o ▼ para Tonos/alertas y presione



para seleccionar.

5 Presione ▲ o ▼ para Timbres de llamada y presione  para seleccionar.

---

6 Presione ▲ o ▼ para Llamada privada y presione  para seleccionar.

---

### 6.3.13.3

## Activación y desactivación de tonos de llamada para mensajes de texto

Puede seleccionar, activar o desactivar los tonos para un mensaje de texto recibido.

1 Presione  para acceder al menú.

---

2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

---

3 Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.

---

4 Presione ▲ o ▼ para Tonos/alertas y presione  para seleccionar.

---

5 Presione ▲ o ▼ para Timbres de llamada y presione  para seleccionar.

---

6 Presione ▲ o ▼ para Mensaje de texto y presione  para seleccionar.  
El tono actual se indica mediante ✓.

---

7 Presione ▲ o ▼ para el tono requerido y presione  para seleccionar.  
✓ aparece junto al tono seleccionado.

---

## 6.3.13.4

## Selección de un tipo de alerta de timbre



### AVISO:

El distribuidor o el administrador del sistema asigna el botón programado **Tipo de timbre de alerta**. Consulte al distribuidor o administrador del sistema para determinar de qué manera se programó el radio.

Puede programar las llamadas de radio a una llamada con vibración predeterminada. Si el estado Todos los tonos está deshabilitado, el radio muestra el ícono de silencio de todos los tonos. Si el estado Todos los tonos está habilitado, se muestra el tipo de alerta de tono relacionado.

El radio vibra una vez si es un estilo de tono momentáneo. El radio vibra repetidamente si se trata de un estilo de tono repetitivo. Cuando se ajusta en Tono y vibración, el radio emite un tono específico si hay alguna transacción de radio entrante (por ejemplo, una alerta de llamada o un mensaje). Suena como un tono indicador positivo o de llamada perdida.

En el caso de radios con baterías que son compatibles con la función de vibración y que se conectan a un clip para cinturón vibratorio, las opciones disponibles de tono de

alerta son las siguientes: Silencio, Tono, Vibración y Tono y vibración.

En el caso de radios con baterías que no son compatibles con la función de vibración y que no se conectan a un clip para cinturón vibratorio, el tono de alerta se establece de forma automática en Tono. Las opciones de Tipo de alerta de timbre disponibles son Silencioso y Tono.

Para seleccionar un tono de alerta, realice una de las siguientes acciones.

- Presione el botón programado **Tipo de alerta de timbre** para acceder al menú Tipo de alerta de timbre.
  - a. Presione ▲ o ▼ para Tono, Vibración, Tono y vibración o Silencio y presione  para seleccionar.
- Acceda a esta función a través del menú.
  - a. Presione  para acceder al menú.
  - b. Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

- c. Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.
- d. Presione ▲ o ▼ para Tonos/Alertas y presione  para seleccionar.
- e. Presione ▲ o ▼ para Tipo de alerta de timbre y presione  para seleccionar.
- f. Presione ▲ o ▼ para Tono, Vibración, Tono y vibración o Silencio y presione  para seleccionar.

### 6.3.13.5

## Configurar el estilo de vibración



#### AVISO:

El distribuidor o el administrador del sistema asignan el botón programado **Estilo de vibración**. Consulte al distribuidor o administrador del sistema para determinar de qué manera se programó el radio.

Estilo de vibración se activa cuando el clip para cinturón vibratorio se conecta al radio con una batería compatible con la función de vibración.

Para configurar el estilo de vibración, realice una de las siguientes acciones.

- Presione el botón programado **Estilo de vibración** para acceder al menú Estilo de vibración.
  - a. Presione ▲ o ▼ hasta Corta, Media o Larga, y presione  para seleccionar.
- Obtenga acceso a esta función a través del menú.
  - a. Presione  para acceder al menú.
  - b. Presione ▲ o ▼ para Utilidades y presione  para seleccionar.
  - c. Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.
  - d. Presione ▲ o ▼ para Tonos/Alertas y presione  para seleccionar.

- e. Presione ▲ o ▼ para Estilo de vibración y presione  para seleccionar.
- f. Presione ▲ o ▼ hasta Corta, Media o Larga, y presione  para seleccionar.

## 6.3.13.6

## Volumen del tono de alarma en aumento

Puede programar el radio para emitir continuamente una alerta cuando hay una llamada de radio que permanece sin responder. Para esto, el volumen del tono de alarma aumenta automáticamente con el transcurso del tiempo. Esta función se denomina Escalart.

## 6.3.14

## Registro de llamadas

El radio conserva un registro de todas las llamadas privadas salientes, respondidas y perdidas recientes. Utilice la función del registro de llamadas para ver y administrar las llamadas recientes.

Puede realizar las siguientes tareas en cada una de las listas de llamadas:

- Eliminar
- Ver detalles

## 6.3.14.1

## Visualización de Llamadas recientes

Las listas son Perdidos, Respondidos y Salientes.

1

Presione  para acceder al menú.

2

Presione ▲ o ▼ para Registro de llamadas y presione  para seleccionar.

3

Presione ▲ o ▼ para lista preferida y presione  para seleccionar.

La pantalla muestra la entrada más reciente en la parte superior de la lista.

4

Presione ▲ o ▼ para ver la lista.



Presione el botón **PTT** para iniciar una llamada privada con el alias o el ID actuales seleccionados.

---

### 6.3.14.2

## Eliminación de llamadas de una lista de llamadas

- 1 Presione  para acceder al menú.
- 2 Presione ▲ o ▼ para Registro de llamadas y presione  para seleccionar.
- 3 Presione ▲ o ▼ para la lista requerida y presione  para seleccionar.

Cuando selecciona una lista de llamadas que no contiene ninguna entrada, la pantalla muestra **Lista vacía**, y se emite un tono bajo si los tonos del teclado están activados.

---

- 4 Presione ▲ o ▼ para el alias o ID requerido y presione  para seleccionar.
- 

- 5 Presione ▲ o ▼ para Eliminar y presione  para seleccionar.
- 

- 6 Realice uno de los siguientes pasos:

- Presione  para seleccionar **Sí** para eliminar la entrada. La pantalla muestra **Entrada eliminada**.
  - Presione ▲ o ▼ para **No** y presione el botón  para volver a la pantalla anterior.
- 

### 6.3.14.3

## Visualización de detalles desde una lista de llamadas

- 1 Presione  para acceder al menú.
-

2 Presione ▲ o ▼ para Registro de llamadas y presione  para seleccionar.

3 Presione ▲ o ▼ para la lista requerida y presione  para seleccionar.

4 Presione ▲ o ▼ para el alias o ID requerido y presione  para seleccionar.

5 Presione ▲ o ▼ para Ver detalles y presione  para seleccionar.

La pantalla muestra detalles de la lista de llamadas.

### 6.3.15

## Operación de alerta de llamada

El aviso de alerta de llamada le permite enviar una alerta a un usuario de radio específico, para que este le devuelva la llamada cuando pueda.

Se accede a esta función a través del menú mediante Contactos, marcación manual o un botón programado **Acceso instantáneo**.

### 6.3.15.1

## Respuesta a alertas de llamada

Cuando reciba una alerta de llamada:

- Suena un tono repetitivo.
- El indicador LED parpadea en color amarillo.
- La pantalla muestra la lista de notificaciones donde aparece una alerta de llamada con el alias o ID del radio que realiza la llamada.

Según la configuración de su distribuidor o del administrador del sistema, puede responder a una alerta de llamada mediante una de las siguientes acciones:

- Presione el botón **PTT** y responda con una llamada privada directamente a la persona que llama.
- Presione el botón **PTT** para continuar normalmente la comunicación con un grupo de conversación.

La alerta de llamada se desplaza a la opción Llamada perdida en el menú Registro de llamadas. Podrá responder a la persona que llama desde el registro de llamadas perdidas.

---

Para obtener más información, consulte [Lista de notificaciones en la página 227](#) y [Funciones del registro de llamadas en la página 168](#).

### 6.3.15.2

## Realización de una alerta de llamada desde la lista de contactos

- 1 Presione  para acceder al menú.

---

- 2 Presione  o  para Contactos y presione  para seleccionar.

---

- 3 Utilice uno de los pasos que se describe a continuación para seleccionar el alias o la ID del suscriptor requeridos:
  - seleccione el alias del suscriptor directamente

- Presione  o  para el alias o ID de suscriptor requerido y presione  para seleccionar.
  - use el menú Marcación manual
    - Presione  o  para Marcación manual y presione  para seleccionar.
    - Se mostrará la pantalla de entrada de texto Marcación manual. Ingrese el ID del suscriptor y presione 
- 

- 4 Presione  o  para Alerta de llamada y presione  para seleccionar.

La pantalla muestra Alerta de llamada: <Alias o ID del suscriptor>Alerta llamd. y el alias o ID del suscriptor, lo que indica que se envió la alerta de llamada.

Cuando el radio está enviando la alerta de llamada, el LED se enciende de color verde.

Si se recibe la confirmación de la alerta de llamada, la pantalla muestra Alerta de llamada correcta.

Si no se recibe la confirmación de la alerta de llamada, la pantalla muestra Alerta de llamada fallida.

Si no se recibe la confirmación de la alerta de llamada, en la pantalla se muestra Error alerta llamada.

### 6.3.15.3

## Realización de una alerta de llamada con el botón "One touch access (Acceso con un toque)

Presione el botón programado **One Touch Access (Acceso instantáneo)** para enviar una alerta de llamada a un alias predefinido.

En la pantalla se muestra Alerta llamada y el alias o la ID del suscriptor, que indica que se ha enviado la alerta de llamada.

Cuando el radio está enviando la alerta de llamada, el LED se enciende de color verde.

Si se recibe la confirmación de la alerta de llamada, en la pantalla se muestra Alerta llamada correcta.

### 6.3.16

## Modo de silenciado

El modo de silenciado proporciona una opción para silenciar todos los indicadores de audio en el radio.

Cuando se inicia el modo de silenciado, todos los indicadores de audio se cierran, excepto las funciones de mayor prioridad como el funcionamiento de emergencia.

Cuando se sale del modo de silenciado, el radio reanuda la reproducción de tonos continuos y las transmisiones de audio.



### IMPORTANTE:

Solo puede activar la función de Boca abajo o Hombre caído una a la vez. Ambas funciones no se pueden activar de forma simultánea.

Esta función se aplica solo a DGP 5550e/DGP 8550e, DGP 5050e/DGP 8050e.

### 6.3.16.1

## Activación del modo de silenciado

Siga el procedimiento para activar el modo de silenciado.

Realice uno de los siguientes pasos:

- Acceda a esta función con el botón programado **Modo de silenciado**.
- Para acceder a esta función, coloque el radio boca abajo momentáneamente.

Según el modelo de radio, la función Boca abajo se puede activar a través del menú del radio o puede hacerlo el administrador del sistema. Para obtener más información, consulte a su proveedor o administrador del sistema.



### IMPORTANTE:

El usuario solo puede activar la función de Hombre caído o la de Boca abajo a la vez. Ambas funciones no se pueden activar de forma simultánea.



### AVISO:

La función Boca abajo solo se aplica a DGP 5550e/DGP 8550e .

Se produce lo siguiente cuando se activa el modo de silenciado:

- Se emite un tono indicador positivo.
- En la pantalla aparece el mensaje **Modo de silenciado activado**.
- El LED rojo empieza a parpadear y sigue parpadeando hasta que se sale del modo de silenciado.
- En la pantalla aparece el ícono **Modo de silenciado** en la pantalla de inicio.
- El radio se cierra.
- El temporizador del modo de silenciado comienza a contar de forma regresiva el tiempo que se configuró.

### 6.3.16.2

## Configuración del temporizador de modo de silenciado

La función modo de silenciado se puede activar para un período de tiempo establecido previamente mediante la configuración del temporizador del modo de silenciado. La

duración del temporizador se configura en el menú del radio y puede variar entre 0,5 a 6 horas. Se sale del modo de silenciado una vez que caduca el temporizador.

Si el temporizador se deja en 0, el radio permanece en el modo de silenciado durante un período indefinido hasta que el radio se mueve a la posición boca arriba o se presiona el botón programado **Modo de silenciado**.

**AVISO:**

La función Boca abajo se aplica solo a DGP 5550e/DGP 8550e.

1

Presione  para obtener acceso al menú.

2

Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

3

Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

4

Presione ▲ o ▼ para acceder al Temp. silenc.. Presione  para realizar la selección.

5 Presione ▲ o ▼ para editar el valor numérico de cada dígito y presione .

## 6.3.16.3

**Salida del modo de silenciado**

Es posible salir automáticamente de esta función cuando el temporizador del modo de silenciado caduca.

Realice una de las siguientes acciones para salir del modo de silenciado manualmente:

- Presione el botón programado **Modo de silenciado**.
- Presione el botón **PTT** en cualquier entrada.
- Coloque el radio en una posición boca arriba por un momento.

**AVISO:**

La función Boca abajo se aplica solo a DGP 5550e/DGP 8550e.

Se produce lo siguiente cuando se desactiva el modo de silenciado:

- Se emite un tono indicador negativo.
- En la pantalla aparece el mensaje Modo de silencio desactivado.
- El LED rojo intermitente se apaga.
- El ícono de **Modo de silencio** desaparece de la pantalla de inicio.
- El radio vuelve a activar el sonido y el estado del altavoz se restaura.
- Si el temporizador no ha expirado, el temporizador del modo de silencio se detiene.



### AVISO:

También se puede salir del modo de silencio si el usuario transmite voz o se cambia a un canal sin programar.

### 6.3.17

## Operación de emergencia



### AVISO:

Si el radio está programado para el inicio de emergencia en Silencio o Silencio con voz, en la mayoría de los casos, sale automáticamente del funcionamiento silencioso después de que termine la llamada de emergencia o la alerta de emergencia. La excepción a esta regla se presenta cuando la Alerta de emergencia es el modo de emergencia configurado y el tipo emergencia configurado es Silencio. Si el radio está programado de este modo, el funcionamiento silencioso continúa hasta que cancele el funcionamiento silencioso presionando el botón **PTT** o el botón configurado para Desactivar emergencia.

Las llamadas de voz de emergencia y las alertas de emergencia no son compatibles al utilizar el modo de repliegue automático de Connect Plus. Para obtener más información, consulte [Repliegue automático en la página 301](#).

Se utiliza una llamada de emergencia para indicar una situación crítica. Puede iniciar una emergencia en cualquier momento, en cualquier pantalla, incluso si hay actividad en el canal actual. Al presionar el botón de **Emergencia** se inicia el modo de emergencia programado.

El modo de emergencia programado también se puede iniciar al activar la función opcional Hombre caído. La función Emergencia puede estar desactivada en el radio.

El distribuidor puede establecer la duración de la presión del botón programado **Emergencia**, excepto para la presión prolongada, que es similar en todos los botones:

#### **Presión breve**

Entre 0,05 segundos y 0,75 segundos.

#### **Presión prolongada**

Entre 1 y 3,75 segundos.

El botón **Emergencia** se asigna con la función Emergencia activada/desactivada. Consulte al distribuidor acerca del uso asignado del botón **Emergencia**.

- Si la presión breve del botón **Emergencia** se ha asignado para activar el modo de emergencia, entonces la presión prolongada del botón **Emergencia** se asigna para salir del modo de emergencia.
- Si la presión prolongada del botón **Emergencia** se ha asignado para activar el modo de emergencia, entonces la presión breve del botón **Emergencia** se asigna para salir del modo de emergencia.

Cuando se selecciona el radio en una zona de Connect Plus, admite tres modos de emergencia:

#### **Llamada de emergencia**

Debe presionar el botón **PTT** para hablar por la ranura de tiempo de emergencia asignada.

#### **Llamada de emergencia seguida por voz**

Para la primera transmisión en la ranura de tiempo de emergencia asignada, el micrófono se activa automáticamente y puede hablar sin presionar el botón **PTT**. El micrófono permanece "activo" de esta forma durante el período programado en el radio. En las siguientes transmisiones en la misma llamada de emergencia, debe presionar el botón **PTT**.

#### **Alerta de emergencia**

Una alerta de emergencia no es una llamada de voz. Es una notificación de emergencia que se envía a los radios que están configurados para recibir estas alertas. El radio envía una alerta de emergencia a través del canal de control del sitio registrado actualmente. La alerta de emergencia la reciben los radios de la red Connect Plus que están programados para recibirlas (independientemente del sitio de la red en el que están registrados).

Solo se puede asignar uno de los modos de emergencia al botón de emergencia por zona. Además, cada modo de emergencia tiene los siguientes tipos:



### Normal

El radio transmite una señal de emergencia y muestra indicadores visuales o de audio.

### Silencioso

El radio transmite una señal de emergencia sin indicadores visuales o de audio. El radio suprime todas las indicaciones de audio o visuales de la emergencia hasta que presione el botón **PTT** para iniciar una transmisión de voz.

### Silencioso con voz

Igual que el funcionamiento silencioso, excepto que el radio también se activa para algunas transmisiones de voz.

#### 6.3.17.1

### Recepción de una emergencia entrante

El radio puede estar programado para que emita un tono de alerta y que además muestre información sobre la alerta de Emergencia entrante. Si así fue programado, al recibir una alerta de Emergencia, la pantalla muestra la pantalla Detalles de emergencia con el ícono de emergencia, el Alias o la ID del radio que solicitó la Emergencia, el Grupo de contacto usado para la Emergencia y una línea de información adicional. La

información adicional es el nombre de la zona que contiene el Contacto del grupo.

En la actualidad, el radio solo muestra la Emergencia decodificada más reciente. Si se recibe una nueva emergencia antes de que se elimine la Emergencia, los detalles de la nueva Emergencia reemplazan los detalles de la Emergencia anterior.

Según la programación del radio, la pantalla Detalles de la emergencia (o Lista de alarmas) permanecerá en la pantalla del radio, incluso después de que finalice la emergencia. Puede guardar los detalles de la emergencia en la Lista de alarmas o bien puede eliminar los detalles de la emergencia, tal como se describe en las siguientes secciones.

## 6.3.17.2

## Guardar los Detalles de la emergencia en la Lista de alarmas

Al guardar los detalles de la emergencia en la Lista de alarmas podrá ver los detalles más tarde; para ello, deben seleccionar Lista de alarmas en el menú principal.

- 1 Mientras se muestra la pantalla Detalles de la emergencia (o Lista de alarmas), presione .  
Se muestra la pantalla **Salir lista alarmas**.

- 2 Realice una de las siguientes acciones:
  - Seleccione **Sí** y presione  para guardar los detalles de la emergencia en la Lista de alarmas y para salir de la pantalla Detalles de la emergencia (o Lista de alarmas).
  - Seleccione **No** y presione  para regresar a la pantalla Detalles de la emergencia (o Lista de alarmas).

## 6.3.17.3

## Eliminar los detalles de la emergencia

- 1 Mientras se muestra la pantalla Detalles de la emergencia, presione .  
Se muestra la pantalla **Eliminar**.

- 2 Realice una de las siguientes acciones:
  - Seleccione **Sí** y presione  para eliminar los detalles de la emergencia.
  - Seleccione **No** y presione  para volver a la pantalla Detalles de la emergencia.

#### 6.3.17.4

### Responder a una llamada de emergencia



#### AVISO:

Si no responde a la llamada de emergencia en el tiempo asignado para el tiempo de espera de la llamada de emergencia, esta finalizará. Si desea hablar con el grupo después de que se agote el tiempo de espera de la llamada de emergencia, en primer lugar, debe seleccionar la posición del canal asignado al grupo (si no está seleccionada). A continuación, presione **PTT** para iniciar una llamada que no sea de emergencia al grupo.

- 1 Al recibir una Llamada de emergencia, presione cualquier botón para detener todos los indicadores de Llamadas de emergencia recibidos.

- 2 Presione el botón **PTT** para iniciar una transmisión de voz en el grupo de emergencia.

Todos los radios que están monitoreando este grupo oyen su transmisión.

- 3 Espere a que el tono de permiso para hablar deje de sonar (si está activado) y hable claramente al micrófono.

El LED se ilumina en verde.

- 4 Suelte el botón **PTT** para escuchar.

Cuando el radio de inicio de la emergencia responde, el LED parpadea en verde. Verá en la pantalla el ícono de llamada de grupo, el ID de grupo y el ID del radio que inició la transmisión.

#### 6.3.17.5

### Responder a una alerta de emergencia



#### AVISO:

El Contacto de grupo usado para la Alerta de emergencia no se debe usar para la comunicación por voz. Esto podría impedir que otros radios envíen y reciban Alertas de emergencia en el mismo grupo.

Una alerta de emergencia desde un radio indica que el usuario se encuentra en una situación urgente. Puede responder a la alerta al iniciar una llamada privada al radio que declaró la emergencia, iniciar una llamada de grupo a

su grupo de conversación, enviar una Alerta de llamada al radio, iniciar una Monitorización remota del radio, etc. La organización y la situación individual determinan la respuesta adecuada.

#### 6.3.17.6

### Ignorar llamada de reversión de emergencia

Esta mejora de función brinda una opción para que el radio ignore una llamada de reversión de emergencia activa.

Para activar la función Ignorar llamada de reversión de emergencia, se debe configurar el radio con el Software de programación para el cliente Connect Plus (CPCPS).

Cuando la función está activada, el radio no muestra las indicaciones de la llamada de emergencia y no recibe el audio en el ID de grupo de la reversión de emergencia predeterminada.

Comuníquese con su proveedor para solicitar más información.

#### 6.3.17.7

## Iniciar una llamada de emergencia



### AVISO:

Si el radio está configurado en Silencioso, no muestra ningún indicador de audio ni visual durante el modo de emergencia hasta que presione el botón **PTT** para iniciar una transmisión de voz.

Si el radio está configurado en Silencio con voz, inicialmente no muestra ningún indicador de audio ni visual de que el radio está en modo de emergencia. Sin embargo, el radio activa el sonido para las transmisiones de los radios que responden a la emergencia. Los indicadores de emergencia solo aparecen una vez que se presione el botón **PTT** para iniciar una transmisión de voz desde el radio.

Tanto para "Silencio" como "Silencio con voz", el radio sale automáticamente del funcionamiento silencioso después de que finalice la llamada de emergencia.

- 1 Presione el botón programado **Emergencia**.
- 2 Presione el botón **PTT** para iniciar una transmisión de voz en el grupo de emergencia.

Cuando suelta el botón **PTT**, la llamada de emergencia continúa durante el tiempo asignado al tiempo de desconexión de la llamada de emergencia.

Si presiona el botón **PTT** durante este tiempo, la llamada de emergencia continúa.

---

### 6.3.17.8

## Iniciar una llamada de emergencia con voz para seguir

El radio se debe programar para este tipo de funcionamiento.

Cuando este tipo de funcionamiento está activado, al presionar el botón programado **Emergencia** y cuando el radio recibe la asignación de la ranura de tiempo, el micrófono se activa de manera automática sin tener que presionar el botón **PTT**. El estado de micrófono activado también se conoce como "micrófono activo". El "micrófono activo" se aplica a la primera transmisión de voz del radio durante la llamada de emergencia. En las siguientes

transmisiones en la misma llamada de emergencia, debe presionar el botón **PTT**.

---

**1** Presione el botón programado **Emergencia**.

**2** El micrófono permanece activo durante el tiempo especificado en la programación del codeplug del radio.

Durante este tiempo, el LED se enciende en verde.

---

**3** Mantenga presionado el botón **PTT** para hablar por más tiempo que la duración programada.

---

## 6.3.17.9

## Iniciar una alerta de emergencia



### AVISO:

Si el radio se programó en "Silencio" o "Silencio con voz", no se proporcionará ninguna indicación visual ni de audio sobre el envío de una alerta de emergencia. Si se programó en "Silencio", el funcionamiento silencioso continúa indefinidamente hasta que presione el botón PTT o el botón configurado para "Emergencia desactivada". Si se programó en "Silencio con voz", el radio cancela automáticamente el funcionamiento silencioso cuando el controlador del sitio transmite la alerta de emergencia.

Presione el botón de **emergencia** de color naranja.

Tras la transmisión de la alerta de emergencia al controlador del sitio, en la pantalla del radio se muestra el ícono de Emergencia, el contacto del grupo de la alerta de emergencia y la **Alarma TX**.

Una vez que la alerta de emergencia se envía correctamente y se transmite a otros radios para que se escuche, se emite un tono indicador positivo y en la pantalla del radio se muestra **Alarma enviada**. Si la alerta

de emergencia no se realiza correctamente, se emite un tono indicador negativo y en el radio se muestra **Alarma fallida**.

## 6.3.17.10

## Salida del modo de emergencia



### AVISO:

Si la llamada de emergencia finaliza debido a que se agotó el tiempo de desconexión de la llamada de emergencia, pero la condición de emergencia no ha terminado, presione el botón de **Emergencia** nuevamente para volver a iniciar el proceso.

Si inicia la alerta de emergencia presionando el botón **Emergencia** programado, el radio sale automáticamente del modo de emergencia después de recibir una respuesta del sistema Connect Plus.

Si inicia una llamada de emergencia al presionar el botón programado de **Emergencia**, se le asignará automáticamente un canal al radio cuando haya uno disponible. Una vez que el radio transmita un mensaje indicando la emergencia, no puede cancelar la llamada de emergencia. Sin embargo, si presionó el botón por accidente o la emergencia ya no existe, tal vez desee informarlo a través de la canal asignado. Cuando suelte el botón **PTT**, la llamada de emergencia se interrumpirá

después de que se agote el tiempo de desconexión de la llamada de emergencia.

Si el radio se configuró para emergencia seguida por voz, utilice el período del “micrófono activo” para explicar el error, luego presione y suelte el botón **PTT** para interrumpir la transmisión. La llamada de emergencia se interrumpirá después de que se agote el tiempo de espera de la llamada de emergencia.

### 6.3.18

## Alarmas de Man Down



#### **AVISO:**

Esta función se aplica solo a DGP 5550e/DGP 8550e.

No se admiten las alarmas de hombre caído cuando se funciona en el modo de repliegue. Para obtener más información, consulte [Repliegue automático en la página 301](#).

Esta sección describe la función hombre caído de Connect Plus. Esta es una función que se puede adquirir y que tal vez se aplique al radio.

El radio portátil Connect Plus se puede activar y programar para una o más alarmas de hombre caído. El distribuidor o el administrador del sistema de radio le indicarán si esto se

aplica al radio y qué alarmas específicas de hombre caído se activaron y programaron.

Si el radio se programó para una o más de las siguientes alarmas de hombre caído, es importante que comprenda como funciona la alarma de hombre caído, qué indicación (tonos) proporciona el radio y la acción que debe realizar.

El objetivo de las alarmas de hombre caído es alertar a otras personas cuando pueda estar en peligro. Esto se consigue al programar el radio para que detecte cierto ángulo de inclinación, la falta de movimiento o el movimiento, según las alarmas de hombre caído que estén activadas. Si el radio detecta un tipo de movimiento no permitido y si la condición no se corrige un determinado espacio de tiempo, el radio comienza a reproducir un tono de alerta (si está programado). En este punto, debe adoptar inmediatamente una o más de las acciones correctivas que se indican a continuación, según que alarmas de hombre caído se activaron en el radio. Si no realiza las acciones correctivas en un período de tiempo determinado, el radio iniciará automáticamente una emergencia (una llamada de emergencia o una alerta de emergencia).

- **Alarma de inclinación:** cuando el radio se inclina hasta o más allá de un ángulo especificado durante un período de tiempo determinado, reproduce un tono de

alerta (si está programado). Para evitar que el radio inicie automáticamente una llamada de emergencia o una alerta de emergencia, restaure el radio inmediatamente a la posición vertical.

- **Alarma antimovimiento:** cuando el radio está sin movimiento durante un período de tiempo determinado, reproduce un tono de alerta (si está programado). Para evitar que el radio inicie automáticamente una llamada de emergencia o una alerta de emergencia, mueva el radio inmediatamente.
- **Alarma de movimiento:** cuando el radio está en movimiento durante un período de tiempo determinado, reproduce un tono de alerta (si está programado). Para evitar que el radio inicie automáticamente una llamada de emergencia o una alerta de emergencia, detenga inmediatamente el movimiento del radio.

El distribuidor o el administrador del sistema de radio puede indicarle cuál de las anteriores alarmas (si hay alguna) se activaron a través de la programación del radio. Es posible activar las alarmas de inclinación y antimovimiento. En este caso, el tono de alerta se reproduce cuando el radio detecta la primera infracción al movimiento.

En vez de tomar las acciones correctivas descritas anteriormente, también puede evitar que el radio inicie la

llamada de emergencia o la alerta de emergencia mediante un botón programable, si el radio se configuró de este modo. Esto se trata en las siguientes dos secciones.

#### 6.3.18.1

### Activar y desactivar las alarmas de hombre caído



#### AVISO:

Tanto el botón programable de **Hombre caído** como la configuración de este se configuran a través del CPS. Consulte al distribuidor o administrador del sistema para determinar de qué manera se programó el radio.

Si activa Man Down en el máximo nivel de sensibilidad y configura el estilo de vibración en alto, el radio restringe automáticamente el estilo de vibración en medio. Esta función evita que el estilo de vibración alto inicie la función de emergencia Man Down.

El procedimiento para activar y desactivar las alarmas de hombre caído depende de cómo está programado el radio. Si se programó con un botón para activar o desactivar las alarmas de hombre caído, utilícelo para activarlas o



desactivarlas. Esto se aplica a todas las alarmas de hombre caído que están activadas en el radio.

Cuando se utiliza el botón programable para activar las alarmas de hombre caído, el radio reproduce un tono que aumenta en intensidad y muestra un mensaje de confirmación breve.

Para escuchar los tonos descritos anteriormente al activar y desactivar las alarmas de hombre caído, el radio MOTOTRBO y la tarjeta opcional Connect Plus deben estar activadas para los tonos del teclado.

Si el radio se programó para activar o desactivar las alarmas de hombre caído a través del menú, realice el siguiente procedimiento.

- 1 Presione  para acceder al menú.
- 2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.
- 3 Presione ▲ o ▼ para Connect Plus y presione  para seleccionar.

- 4 Presione ▲ o ▼ para Alar. hmb. caído y presione  para seleccionar.

Si la alarma de hombre caído actualmente está desactivada, se muestra la opción Activar.

Si la alarma de hombre caído actualmente está activada, se muestra la opción Desactivar.

- 5 Presione ▲ o ▼ para Activar o Desactivar y presione  para seleccionar.

### 6.3.18.2

## Restablecer las alarmas de hombre caído

Si el radio se programó con el botón Restablecer las alarmas de hombre caído o la opción del menú Alarmas de hombre caído, es posible restablecer las alarmas de hombre caído sin activarlas o desactivarlas. Este se detiene cualquier tono de alerta de hombre caído que se está reproduciendo y también se restablece los temporizadores de la alarma. Sin embargo, es necesario corregir la infracción al movimiento adoptando la acción

correctiva adecuada que se describe en la sección de alarmas de hombre caído. Si la infracción al movimiento no se corrige dentro de un período, el tono de alerta comienza a reproducirse nuevamente.

El procedimiento para restablecer las alarmas de hombre caído depende de cómo está programado el radio. Si se programó con el botón para restablecer las alarmas de hombre caído, utilice el botón para restablecer las alarmas de hombre caído. Esto se aplica a todas las alarmas de hombre caído que están activadas en el radio.

Cuando se utiliza el botón programable para restablecer las alarmas de hombre caído, el radio muestra un mensaje de confirmación breve.

Si el radio se programó para restablecer las alarmas de hombre caído a través del menú, realice el siguiente procedimiento.

- 1 Presione  para acceder al menú.

---

- 2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

---

- 3 Presione ▲ o ▼ para Connect Plus y presione  para seleccionar.

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- 4 Presione ▲ o ▼ para Alar. hmb. caído y presione  para seleccionar.

---

- 5 Presione ▲ o ▼ para Reiniciar y presione  para seleccionar.  
El radio muestra un breve mensaje de confirmación.

---

### 6.3.19

## Función de señal periódica

La función de la señal periódica forma parte de Man Down de Connect Plus, una función que se puede adquirir. El distribuidor o el administrador del sistema de radio le pueden indicar si la función de la señal periódica se aplica al radio.

Si el radio se activó y programó para una o más de las alarmas de Man Down, también se puede activar la función de la señal periódica.

Si el radio inicia automáticamente una llamada de emergencia o Emergency Alert debido a una de las alarmas de Man Down y si el radio tiene activada la función de la señal periódica, el radio comienza a emitir periódicamente un tono agudo aproximadamente una vez cada diez segundos. El intervalo puede variar si está hablando en el radio. El objetivo del tono de la señal periódica es ayudar a localizarlo a quienes lo buscan. Si el radio también tiene activada la “Señal periódica visual”, se enciende la luz de fondo del radio durante unos pocos segundos cada vez se reproduce el tono de la señal periódica.

Puede detener la reproducción del tono de la señal periódica en el radio mediante un botón programable, si el radio se configuró de este modo. Esto se trata en las siguientes dos secciones. Si el radio no tiene el botón programable o una opción del menú, puede detener el tono de la señal periódica apagando y encendiendo el radio o cambiando a una zona distinta (si el radio está programado para más de una zona).

### 6.3.19.1

## Encender y apagar la baliza

El procedimiento para activar y desactivar la señal periódica depende de cómo está programado el radio. Si

se programó con un botón Activar/desactivar señal periódica, utilice el botón para activar o desactivar la señal periódica.

- Cuando se utiliza el botón programable para activar la señal periódica, el radio reproduce un tono que aumenta en intensidad y muestra un mensaje breve de confirmación.
- Cuando se utiliza el botón programable para desactivar la señal periódica, el radio reproduce un tono que disminuye en intensidad y muestra un mensaje breve de confirmación.

Para escuchar los tonos descritos anteriormente al activar y desactivar la señal periódica, el radio MOTOTRBO y la tarjeta opcional Connect Plus deben estar activadas para los tonos del teclado. Si el radio se programó para activar o desactivar la señal periódica a través del menú, realice el siguiente procedimiento.

1

Presione  para acceder al menú.

2

Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

- 3 Presione ▲ o ▼ para **Connect Plus** y presione  para seleccionar.
- 

- 4 Presione ▲ o ▼ para **Señal periódica** y presione  para seleccionar.
- Si Señ. periód. actualmente está desactivado, se muestra la opción **Activar**.
- Si Señ. periód. actualmente está **Activado**, se muestra la opción **Desactivar**.
- 

- 5 Presione ▲ o ▼ para **Activar o Desactivar** y presione  para seleccionar.
- El radio muestra un breve mensaje para confirmar que la señal periódica de hombre caído estaba activada (o desactivada).
- 

restablecer la señal periódica. Esto detiene el tono de la señal periódica (y también la señal periódica visual) sin necesidad de desactivar la función de la señal periódica. El procedimiento para restablecer la señal periódica depende de cómo está programado el radio. Si se programó un botón para restablecer la señal periódica, utilice el botón para restablecer la señal periódica. Cuando se utiliza el botón programable para restablecer las alarmas de hombre caído, el radio muestra un mensaje breve de confirmación. Si el radio se programó de modo que se puede restablecer la señal periódica a través del menú, realice el siguiente procedimiento.

- 1 Presione  para acceder al menú.

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- 2 Presione ▲ o ▼ para **Utilidades** y presione  para seleccionar.

---

- 3 Presione ▲ o ▼ para **Connect Plus** y presione  para seleccionar.

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### 6.3.19.2

## Restablecer la señal periódica

Si el radio se programó con el botón **Restablecer señal periódica** o la opción del menú **Señal periódica**, es posible

- 4 Presione ▲ o ▼ para Señal periódica y presione  para seleccionar.

- 5 Presione ▲ o ▼ para Reiniciar y presione  para seleccionar.  
El radio muestra un breve mensaje de confirmación.

### 6.3.20

## Mensajes de texto

El radio puede recibir datos, por ejemplo un mensaje de texto, desde otro radio o desde una aplicación de mensaje de texto.

Existen dos tipos de mensajes de texto: mensajes de texto cortos de radio móvil digital (DMR) y mensajes de texto. La extensión máxima de un mensaje de texto corto de DMR es de 23 caracteres. La extensión máxima de un mensaje de texto es de 280 caracteres, incluida la línea de asunto. La línea de asunto solo aparece cuando recibe mensajes desde aplicaciones de correo electrónico.



### AVISO:

La extensión máxima de caracteres se aplica solo a los modelos con la última versión de software y hardware. Para modelos de radio con versiones antiguas de software y hardware, la extensión máxima de un mensaje de texto es de 140 caracteres. Comuníquese con su distribuidor para solicitar más información.

### 6.3.20.1

## Redacción y envío de un Mensaje de texto

- 1 Acceso a la función **Mensaje de texto**.

| Controles del radio           | Pasos                                                  |
|-------------------------------|--------------------------------------------------------|
| Botón programado Mensaje txt. | Presione el botón programado <b>Mensaje de texto</b> . |

| Controles del radio | Pasos                                                                                                                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Menú                | <p>a Presione  para acceder al menú.</p> <p>b Presione ▲ o ▼ para Mensajes y presione  para seleccionar.</p> |

- 2 Presione ▲ o ▼ para Redactar y presione  para seleccionar.  
Aparece un cursor intermitente.

- 3 Use el teclado para escribir el mensaje.

Presione ◀ para moverse un espacio hacia la izquierda. Presione ▶ o la tecla  para moverse un espacio hacia la derecha. Presione la tecla  para eliminar los caracteres no deseados. Presione

prolongadamente  para cambiar el método de entrada de texto.

- 4 Presione  una vez que haya redactado el mensaje.
- 5 Si envía el mensaje, seleccione el destinatario mediante
- Presione ▲ o ▼ para el alias requerido y presione  para seleccionar.
  - Presione ▲ o ▼ para Marcación manual y presione  para seleccionar La primera línea de la pantalla muestra Número: . En la segunda línea de la pantalla se muestra un cursor que parpadea. Escriba el alias o el ID del suscriptor y presione .

La pantalla muestra Enviando mensaje para confirmar que el mensaje está en proceso de envío.

Si el mensaje se envía correctamente, suena un tono y la pantalla muestra Mensaje enviado.

Si no se puede enviar el mensaje, suena un tono bajo y la pantalla muestra **Falló el envío del mensaje**.

Si falla el envío del mensaje de texto, el radio regresa a la pantalla de la opción **Reenviar** (consulte [Administración de Mensajes de texto con error de envío en la página 350](#) ).

### 6.3.20.2

## Envío de un mensaje de texto rápido

El radio permite un máximo de 10 mensajes de texto rápidos, según lo programe su distribuidor.

Si bien los mensajes de texto rápido están predefinidos, puede editar cada mensaje antes de enviarlo.

Si desea enviar el mensaje, haga lo siguiente para seleccionar un destinatario:

- Presione  o  para el alias requerido y presione  para seleccionar.

- Presione  o  para **Marcación manual** y presione  para seleccionar **La primera línea** de la pantalla muestra **Número:**. En la segunda línea de la pantalla se muestra un cursor que parpadea. Escriba el alias o el ID del suscriptor y presione .

La pantalla muestra **Enviando mensaje** para confirmar que el mensaje está en proceso de envío.

Si el mensaje se envía correctamente, suena un tono y la pantalla muestra **Mensaje enviado**.

Si no se puede enviar el mensaje, suena un tono bajo y la pantalla muestra **Falló el envío del mensaje**.

Si falla el envío del mensaje de texto, el radio regresa a la pantalla de la opción **Reenviar** (consulte [Administración de Mensajes de texto con error de envío en la página 350](#) ).

## 6.3.20.3

## Envío de mensajes de texto rápidos con el botón de acceso instantáneo

Para enviar un mensaje de texto rápido predefinido a un alias predeterminado, presione el botón programado **Acceso instantáneo**.

La pantalla muestra Enviando mensaje.

Si el mensaje se envía correctamente, en el radio se mostrarán las siguientes indicaciones:

- Se emite un tono positivo.
- La pantalla muestra Mensaje enviado.

Si el mensaje no se envía, en el radio se mostrarán las siguientes indicaciones:

- Suena un tono negativo.
- En la pantalla, se muestra Envío de mensaje fallido.

Si falla el envío del mensaje de texto, el radio regresa a la pantalla de opción Reenviar.

Consulte [Administración de Mensajes de texto con error de envío en la página 350](#).

## 6.3.20.4

## Acceso a la carpeta de borradores

Puede guardar un mensaje de texto y enviarlo más tarde.

Si al presionar el botón **PTT** o cambiar de modo el radio sale de la pantalla de escritura o edición de mensajes de texto mientras está escribiendo o editando un mensaje de texto, el mensaje de texto actual se guarda automáticamente en la carpeta Borradores.

El mensaje de texto guardado más recientemente siempre se agrega al inicio de la lista Borrador.

La carpeta Borrador almacena un máximo de diez (10) mensajes guardados. Si la carpeta está completa, el siguiente mensaje de texto guardado reemplaza automáticamente al mensaje de texto más antiguo de la carpeta.



### AVISO:

Presione de manera prolongada  en cualquier momento para volver a la pantalla Inicio.



## 6.3.20.4.1

## Visualización de un mensaje de texto guardado

- 1 Acceso a la función **Mensaje de texto**.

| Controles del radio                  | Pasos                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Botón programado Mensaje txt.</b> | Presione el botón programado <b>Mensaje de texto</b> .                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Menú</b>                          | <p>a Presione  para acceder al menú.</p> <p>b Presione  o  para Mensajes y presione  para seleccionar.</p> |

- 2 Presione  o  para Borradores y presione  para seleccionar.

- 3 Presione  o  para el mensaje requerido y presione  para seleccionar.

## 6.3.20.4.2

## Edición y envío de un mensaje de texto guardado

- 1 Presione  nuevamente mientras visualiza el mensaje.

- 2 Presione  o  para Editar y presione  para seleccionar.  
Aparece un cursor intermitente.

- 3 Use el teclado para escribir el mensaje.

Presione  para moverse un espacio hacia la izquierda. Presione  o la tecla  para moverse un espacio hacia la derecha. Presione la tecla  para eliminar los caracteres no deseados. Presione

prolongadamente  para cambiar el método de entrada de texto.

- 4 Presione  una vez que haya redactado el mensaje.

5 Seleccione el destinatario del mensaje mediante:

- Presione ▲ o ▼ para el alias requerido y presione  para seleccionar.
- Presione ▲ o ▼ para Marcación manual y presione  para seleccionar La primera línea de la pantalla muestra Número: . En la segunda línea de la pantalla se muestra un cursor que parpadea. Escriba el alias o el ID del suscriptor y presione .

La pantalla muestra Enviando mensaje para confirmar que el mensaje está en proceso de envío.

Si el mensaje se envía correctamente, suena un tono y la pantalla muestra Mensaje enviado.

Si no se puede enviar el mensaje, suena un tono bajo y la pantalla muestra Falló el envío del mensaje.

Si el mensaje de texto no se puede enviar, se moverá a la carpeta Elementos enviados y se marcará con un ícono de error de envío.

### 6.3.20.4.3

## Eliminación de un mensaje de texto guardado desde la carpeta Borrador

### 1 Acceso a la función **Mensaje de texto**.

| Controles del radio                  | Pasos                                                                                                                |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Botón programado Mensaje txt.</b> | Presione el botón programado <b>Mensaje de texto</b> .                                                               |
| <b>Menú</b>                          | a Presione  para acceder al menú. |

| Controles del radio | Pasos                                                                                                                                                |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     | <b>b</b> Presione ▲ o ▼ para Mensajes y presione  para seleccionar. |

2 Presione ▲ o ▼ para Borradores y presione  para seleccionar.

3 Presione ▲ o ▼ para el mensaje requerido y presione  para seleccionar.

4 Presione ▲ o ▼ para Eliminar y presione  para eliminar el mensaje de texto.

### 6.3.20.5

## Administración de Mensajes de texto con error de envío

Puede seleccionar una de las siguientes opciones mientras se encuentra en la pantalla de la opción Volver a enviar:

- Reenviar
- Avanzar
- Modifique

### 6.3.20.5.1

## Reenvío de un mensaje de texto

Presione  para reenviar el mismo mensaje al mismo alias o ID de grupo o suscriptor.

Si el mensaje se ha enviado correctamente, se oye un tono y la pantalla muestra el miniaviso positivo.

Si el mensaje no se puede enviar, la pantalla muestra el miniaviso negativo.

## 6.3.20.5.2

**Transferencia de un mensaje de texto**

Seleccione **Reenviar** para enviar el mensaje a otro suscriptor, alias de grupo o ID.

- 1 Presione ▲ o ▼ para **Reenviar** y presione  para seleccionar.

- 2 Haga lo siguiente para seleccionar el destinatario del mensaje:

- Presione ▲ o ▼ para el alias o ID requerido y presione  para seleccionar.
- Presione ▲ o ▼ para **Marcación manual** y presione  para seleccionar **La primera línea de la pantalla muestra Número:**. En la segunda línea de la pantalla se muestra un cursor que parpadea. Escriba el alias o el ID del suscriptor y presione .

La pantalla muestra **Enviando mensaje** para confirmar que el mensaje está en proceso de envío.

Si el mensaje se envía correctamente, suena un tono y la pantalla muestra **Mensaje enviado**.

Si no se puede enviar el mensaje, suena un tono bajo y la pantalla muestra **Falló el envío del mensaje**.

## 6.3.20.5.3

**Edición de un mensaje de texto**

Seleccione **Editar** para editar el mensaje antes de enviarlo.

- 1 Presione ▲ o ▼ para **Editar** y presione  para seleccionar.  
Aparece un cursor intermitente.

- 2 Use el teclado para editar su mensaje.

Presione ◀ para moverse un espacio hacia la izquierda. Presione ▶ o la tecla  para moverse un espacio hacia la derecha. Presione la tecla  para eliminar los caracteres no deseados. Presione

prolongadamente  para cambiar el método de entrada de texto.

3 Presione  una vez que haya redactado el mensaje.

4 Según si desea enviar, guardar, editar o borrar el mensaje recientemente redactado, realice una de las siguientes acciones.

- Presione  o  para Enviar y presione  para enviar el mensaje.
- Presione  o  para Guardar y presione  para guardar el mensaje en la carpeta Borradores.
- Presione  para editar el mensaje.
- Presione  nuevamente para elegir entre eliminar el mensaje o guardarlo en la carpeta Borradores.

5 Si envía el mensaje, seleccione el destinatario mediante

- Presione  o  para el alias o ID requerido y presione  para seleccionar.
- Presione  o  para Marcación manual y presione  para seleccionar La primera línea de la pantalla muestra Número:. En la segunda línea de la pantalla se muestra un cursor que parpadea. Escriba el alias o el ID del suscriptor y presione .

La pantalla muestra Enviando mensaje para confirmar que el mensaje está en proceso de envío.

Si el mensaje se envía correctamente, suena un tono y la pantalla muestra Mensaje enviado.

Si no se puede enviar el mensaje, suena un tono bajo y la pantalla muestra Falló el envío del mensaje.

## 6.3.20.6

## Administración de mensajes de texto enviados

Una vez que el mensaje se haya enviado a otro radio, se guarda en Enviados. El mensaje de texto enviado más recientemente siempre se agrega al inicio de la lista Enviados.

La carpeta Enviados puede almacenar un máximo de 30 mensajes enviados últimamente. Si la carpeta está completa, el siguiente mensaje de texto enviado reemplaza automáticamente al mensaje de texto más antiguo de la carpeta.



### AVISO:

Presione de manera prolongada  en cualquier momento para volver a la pantalla Inicio.

## 6.3.20.6.1

## Visualización de mensajes de texto enviados

- 1 Acceso a la función **Mensaje de texto**.

| Controles del radio                  | Pasos                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Botón programado Mensaje txt.</b> | Presione el botón programado <b>Mensaje de texto</b> .                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Menú</b>                          | <p>a Presione  para acceder al menú.</p> <p>b Presione  o  para Mensajes y presione  para seleccionar.</p> |

- 2 Presione  o  para Elementos enviados y presione  para seleccionar.
- 3 Presione  o  para el mensaje requerido y presione  para seleccionar.

El ícono que aparece en la esquina superior derecha de la pantalla indica el estado del mensaje (consulte [Íconos de la carpeta Enviados en la página 276](#) ).

### 6.3.20.6.2

## Envío de un mensaje de texto enviado

Puede seleccionar una de las siguientes opciones mientras visualiza un mensaje de texto enviado:

- Reenviar
- Avanzar
- Modifique
- Delete

1 Presione  nuevamente mientras visualiza el mensaje.

2 ▲ o ▼ a una de las siguientes opciones y presione  para seleccionar.

| Option    | Pasos                                                                                                                                                                                                                                                 |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Avanzar   | Seleccione Reenviar para enviar el mensaje de texto seleccionado a otro suscriptor/alias o ID de grupo (consulte <a href="#">Transferencia de un mensaje de texto en la página 351</a> ).                                                             |
| Modifique | Seleccione Editar para editar el mensaje de texto seleccionado antes de enviarlo (consulte <a href="#">Edición de un mensaje de texto en la página 351</a> ).                                                                                         |
| Delete    | Seleccione Eliminar para borrar el mensaje de texto.                                                                                                                                                                                                  |
| Reenviar  | <p>Seleccione Volver a enviar para reenviar el mensaje de texto seleccionado al mismo alias o ID de suscriptor/grupo.</p> <p>La pantalla muestra Enviando mensaje para confirmar que se está enviando el mismo mensaje al mismo radio de destino.</p> |

| Option | Pasos                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        | <p>Si el mensaje se envía correctamente, suena un tono y la pantalla muestra Mensaje enviado.</p> <p>Si no se puede enviar el mensaje, suena un tono bajo y la pantalla muestra Falló el envío del mensaje.</p> <p>Si falla el envío del mensaje, el radio regresa a la pantalla de la opción Volver a enviar.</p> <p>Presione  para reenviar el mensaje al mismo alias o ID de suscriptor/grupo.</p> |

Si sale de la pantalla de envío de mensaje mientras el mensaje se está enviando, el radio actualiza el estado del mensaje en la carpeta Elementos enviados sin realizar ninguna indicación visual o de audio.

Si el radio cambia de modo o se apaga antes de que se actualice el estado del mensaje en Elementos

enviados, el radio no puede completar ningún mensaje en progreso y lo marca automáticamente con un ícono de **Error de envío**.

El radio admite un máximo de cinco mensajes en progreso a la vez. Durante este período, el radio no puede enviar ningún mensaje nuevo y lo marca automáticamente con el ícono **Error de envío**.

### 6.3.20.6.3

## Eliminación de todos los mensajes de texto enviados desde Enviados

### 1 Acceso a la función **Mensaje de texto**.

| Controles del radio                  | Pasos                                                                                                                       |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Botón programado Mensaje txt.</b> | Presione el botón programado <b>Mensaje de texto</b> .                                                                      |
| <b>Menú</b>                          | <p>a Presione  para acceder al menú.</p> |



| Controles del radio | Pasos                                                                                                                                                |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     | <b>b</b> Presione ▲ o ▼ para Mensajes y presione  para seleccionar. |

- 2 Presione ▲ o ▼ para Elementos enviados y presione  para seleccionar.

Cuando selecciona Enviados y no contiene ningún mensaje de texto, la pantalla muestra Lista vacía y se emite un tono bajo si los tonos del teclado están activados.

- 3 Presione ▲ o ▼ para Eliminar todo y presione  para seleccionar.

- 4 Elija una opción de las siguientes:

- Presione ▲ o ▼ para Sí y presione  para seleccionar. La pantalla muestra un miniaviso positivo.
- Presione ▲ o ▼ para No y presione  para volver a la pantalla anterior.

### 6.3.20.7

## Recepción de un mensaje de texto

Cuando el radio recibe un mensaje, la pantalla muestra la Lista de notificaciones con el alias o la ID del emisor y el ícono Mensaje.

Puede seleccionar una de las siguientes opciones al recibir un mensaje de texto:

- Leer
- Leer más tarde
- Delete

## 6.3.20.8

## Lectura de un mensaje de texto

1

Presione  o  para ¿Leer? y presione  para seleccionar.

El mensaje seleccionado se abre en el Buzón.

2 Realice uno de los siguientes pasos:

- Presione  para regresar a Bandeja de entrada.
- Presione  una segunda vez para responder, reenviar o eliminar el mensaje de texto

## 6.3.20.9

## Administración de mensajes de texto recibidos

Utilice el Buzón para administrar sus mensajes de texto. El Buzón puede almacenar un máximo de 30 mensajes.

Los mensajes de texto en el Buzón de correo se almacenan de acuerdo con el orden de recepción.

El radio permite las siguientes opciones para mensajes de texto:

- Responder
- Avanzar
- Delete
- Borrar todo

**AVISO:**

Si el tipo de canal no coincide, solo puede transferir, borrar o eliminar todos los mensajes recibidos.

Presione de manera prolongada  en cualquier momento para volver a la pantalla Inicio.

## 6.3.20.9.1

## Visualización de un mensaje de texto desde el buzón

1

Presione  para acceder al menú.

2

Presione ▲ o ▼ para Mensajes y presione  para seleccionar.

3

Presione ▲ o ▼ para Bandeja de entrada y presione  para seleccionar.

4

Presione ▲ o ▼ para ver los mensajes.

5 Realice uno de los siguientes pasos:

- Presione  para seleccionar el mensaje actual y presione  nuevamente para responder, , reenviar o borrar ese mensaje de texto.
- Mantenga presionado  para regresar a la pantalla de inicio.

## Respuesta a un mensaje de texto desde el buzón de correo

1 Acceso a la función **Mensaje de texto**.

| Controles del radio                  | Pasos                                                                                                                                                                                                                                                                              |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Botón programado Mensaje txt.</b> | Presione el botón programado <b>Mensaje de texto</b> .                                                                                                                                                                                                                             |
| <b>Menú</b>                          | <p>a Presione  para acceder al menú.</p> <p>b Presione ▲ o ▼ para Mensajes y presione  para seleccionar.</p> |

2 Presione ▲ o ▼ para Bandeja de entrada y presione  para seleccionar.

---

3 Presione ▲ o ▼ para el mensaje requerido y presione  para seleccionar.

---

4 Presione  otra vez para acceder al submenú.

---

5 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para Responder y presione  para seleccionar.

- Presione ▲ o ▼ para Responder rápido y presione  para seleccionar.

Aparece un cursor intermitente.

---

6 Utilice el teclado para escribir/editar el mensaje.

---

7 Presione  una vez que haya redactado el mensaje.

La pantalla muestra Enviando mensaje para confirmar que el mensaje está en proceso de envío.

Si el mensaje se envía correctamente, suena un tono y la pantalla muestra Mensaje enviado.

Si no se puede enviar el mensaje, suena un tono bajo y la pantalla muestra Envío mensj. Falló.

Si no se puede enviar el mensaje, el radio regresa a la pantalla de la opción Reenviar (consulte [Administración de Mensajes de texto con error de envío en la página 350](#) ).

---

#### 6.3.20.9.3

### Eliminación de un mensaje de texto desde el buzón

1 Acceso a la función **Mensaje de texto**.

| Controles del radio                  | Pasos                                                                                                                                                                                                                                                                                        |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Botón programado Mensaje txt.</b> | Presione el botón programado <b>Mensaje de texto</b> .                                                                                                                                                                                                                                       |
| <b>Menú</b>                          | <p><b>a</b> Presione  para acceder al menú.</p> <p><b>b</b> Presione ▲ o ▼ para Mensajes y presione  para seleccionar.</p> |

2 Presione ▲ o ▼ para Bandeja de entrada y presione  para seleccionar.

3 Presione ▲ o ▼ para el mensaje requerido y presione  para seleccionar.

4 Presione  otra vez para acceder al submenú.

5 Presione ▲ o ▼ para Eliminar y presione  para seleccionar.

6 Presione ▲ o ▼ para Sí y presione  para Seleccionar.

La pantalla muestra Mensaje eliminado y vuelve al buzón de entrada.

#### 6.3.20.9.4

### Eliminación de todos los mensajes de texto desde el buzón de correo

1 Acceso a la función **Mensaje de texto**.

| Controles del radio                  | Pasos                                                  |
|--------------------------------------|--------------------------------------------------------|
| <b>Botón programado Mensaje txt.</b> | Presione el botón programado <b>Mensaje de texto</b> . |

| Controles del radio | Pasos                                                                                                                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Menú                | <p>a Presione  para acceder al menú.</p> <p>b Presione ▲ o ▼ para Mensajes y presione  para seleccionar.</p> |

- 2 Presione ▲ o ▼ para Bandeja de entrada y presione  para seleccionar.

Cuando selecciona Bandeja de entrada y no contiene ningún mensaje de texto, la pantalla muestra Lista vacía y se emite un tono bajo si los tonos del teclado están activados (consulte [Activar o desactivar los tonos del teclado](#)).

- 3 Presione ▲ o ▼ para Eliminar todo y presione  para seleccionar.

4

Presione ▲ o ▼ para Sí y presione  para Seleccione

La pantalla muestra Bandeja de entrada borrada.

### 6.3.21

## Privacidad

Si esta función está activada, lo ayudará a evitar el uso indebido por parte de usuarios no autorizados en un canal mediante el uso de una solución de codificación basada en software. Los fragmentos de señalización e identificación del usuario de una transmisión no están codificados.

Su radio debe tener la privacidad activada en la posición del selector del canal actual para enviar una transmisión con privacidad activada, aunque esto no sea un requisito necesario para recibir una transmisión. Mientras esté en una posición del selector del canal con privacidad activada, el radio todavía podrá recibir transmisiones (decodificadas) claras.

Su radio admite la Privacidad mejorada.

Para decodificar una transmisión de datos o una llamada con privacidad activada, el radio debe estar programado

para tener el mismo Valor de clave e ID de clave (para la privacidad mejorada) que el radio transmisor.

Si su radio recibe una llamada codificada que es de un Valor de clave o ID de clave distinto, escuchará una transmisión distorsionada (privacidad mejorada).

Si el radio tiene otro tipo de privacidad asignado, la pantalla Inicio muestra el ícono Seguro o Inseguro, excepto cuando el radio envía o recibe una alarma o una llamada de emergencia.

Las luces LED se encienden de color verde fijo mientras el radio transmite y parpadea rápidamente en verde cuando el radio recibe una transmisión continua con privacidad activada.

Puede acceder a esta función realizando una de las acciones siguientes:

- Presione el botón programado **Privacidad** para encender o apagar la privacidad.
- Use el menú del radio como se describe en los siguientes pasos.



### AVISO:

Algunos modelos de radio podrían no ofrecer esta función de privacidad. Para obtener más información, comuníquese con el distribuidor o administrador del sistema.

1

Presione  para acceder al menú.

---

2

Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

---

3

Presione ▲ o ▼ para Configuración del radio o ▲ o ▼ para Connect Plus y presione  para seleccionar.

---

4

Presione ▲ o ▼ para Privacidad mejorada.

Si la pantalla muestra Encender, presione  para activar la privacidad. El radio muestra un mensaje para confirmar la selección.

Si la pantalla muestra **Apagar**, presione  para desactivar la privacidad. El radio muestra un mensaje para confirmar la selección.

Si el radio tiene otro tipo de privacidad asignado, el icono de seguro o inseguro aparece en la barra de estado, excepto cuando el radio envía o recibe una alarma o una alerta de emergencia.

#### 6.3.21.1

### Realización de una llamada con privacidad (codificada)

Active la privacidad con el botón programado de privacidad o a través del menú. El radio debe tener la función de privacidad activada para la posición de canal seleccionada actualmente para enviar una transmisión con privacidad. Si la privacidad está activada para la posición de canal seleccionada actualmente, todas las transmisiones de radio que hace su radio estarán codificadas. Esto incluye llamada de grupo, llamada de multigrupo, respuesta durante las llamadas exploradas, llamada general al sitio, llamada de emergencia y llamada privada. Solo los radios

de recepción con el mismo valor de clave e ID de clave que su radio podrán descifrar la transmisión.

#### 6.3.22

### Seguridad

Puede activar o desactivar cualquier radio del sistema. Por ejemplo, podría querer desactivar un radio robado para evitar que el ladrón lo use y activar ese radio una vez recuperado.



#### AVISO:

La desactivación y la activación del radio se encuentran limitadas a aquellos radios que tengan estas funciones activadas. Para obtener más información, comuníquese con el distribuidor o administrador del sistema.

#### 6.3.22.1

### Deshabilitar radio

- 1 Para acceder a esta función, realice una de las acciones siguientes:



| Controles del radio           | Pasos                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Botón Desactivar radio</b> | <p><b>a</b> Presione el botón programado <b>Desactivar radio</b>.</p> <p><b>b</b> Presione ▲ o ▼ para el alias o ID requerido y presione  para seleccionar.</p>                                                                                                                                                                                                                                 |
| <b>Menú del radio</b>         | <p><b>a</b> Presione  para acceder al menú.</p> <p><b>b</b> Presione ▲ o ▼ para Contactos y presione  para seleccionar. Las entradas están ordenadas alfabéticamente.</p> <p><b>c</b> Utilice uno de los pasos que se describe a continuación para seleccionar el alias o la ID del suscriptor requeridos:</p> |

| Controles del radio | Pasos                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     | <ul style="list-style-type: none"> <li>• Seleccione el alias o ID requerido directamente.</li> <li>• Presione ▲ o ▼ para el alias o ID requerido y presione  para seleccionar.</li> <li>• Use el menú de Marcado manual             <ul style="list-style-type: none"> <li>• Presione ▲ o ▼ para Marcación manual y presione  para seleccionar.</li> <li>• Presione ▲ o ▼ para Número del radio y</li> </ul> </li> </ul> |

| Controles del radio | Pasos                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     | <p>presione  para seleccionar.</p> <ul style="list-style-type: none"> <li>La primera línea de la pantalla muestra Número del radio:!. En la segunda línea de la pantalla se muestra un cursor que parpadea. Use el teclado para ingresar el alias o el ID del suscriptor y presione .</li> </ul> <p>d Presione  o  para Desactivar radio y presione  para seleccionar.</p> |

La pantalla muestra Desactivar radio: <Alias o ID de destino> y el LED parpadea en verde.

## 2 Espere un reconocimiento.

Si resulta satisfactorio, suena un tono indicador positivo y la pantalla muestra Desactivar radio correcto.

Si no se realiza correctamente, suena un tono indicador negativo y la pantalla muestra Desactivar radio incorrecto.

### 6.3.22.2

## Habilitación del radio

- Para acceder a esta función, realice una de las acciones siguientes:

| Controles del radio        | Pasos                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Botón Activar radio</b> | <p>a Presione el botón programado <b>Activar radio</b>.</p> <p>b Presione  o  para el alias o ID requerido y presione  para seleccionar.</p> |

| Controles del radio   | Pasos                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Menú del radio</b> | <p><b>a</b> Presione  para acceder al menú.</p> <p><b>b</b> Presione ▲ o ▼ para Contactos y presione  para seleccionar. Las entradas están ordenadas alfabéticamente.</p> <p><b>c</b> Utilice uno de los pasos que se describe a continuación para seleccionar el alias o la ID del suscriptor requeridos</p> <ul style="list-style-type: none"> <li>• Seleccione el alias o ID requerido directamente.</li> <li>• Presione ▲ o ▼ para el alias o ID requerido y presione  para seleccionar.</li> </ul> |

| Controles del radio | Pasos                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     | <ul style="list-style-type: none"> <li>• Use el menú de Marcdo. manual</li> <li>• Presione ▲ o ▼ para Marcación manual y presione  para seleccionar.</li> <li>• Presione ▲ o ▼ para Número del radio y presione  para seleccionar.</li> <li>• La primera línea de la pantalla muestra Número del radio:. En la segunda línea de la pantalla se muestra un cursor que parpadea. Use el teclado para</li> </ul> |

| Controles del radio | Pasos                                                                                                                                                                                                                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     | <p>ingresar el alias o el ID del suscriptor y presione</p> <p></p> <p>d Presione ▲ o ▼ para Activar radio y presione</p> <p> para seleccionar.</p> |

La pantalla muestra Activar radio: <Alias o ID del suscriptor> y el LED se enciende en luz verde fija.

## 2 Espere un reconocimiento.

Si resulta satisfactorio, suena un tono indicador positivo y la pantalla muestra Activar radio correcto.

Si no resulta satisfactorio, suena un tono indicador negativo y la pantalla muestra Activar radio incorrecto.

### 6.3.23

## Funciones de bloqueo de contraseña

Si se activa, esta función solo permite acceder al radio si se ingresa la contraseña correcta después de encenderse.

### 6.3.23.1

## Acceso al radio mediante contraseña

### 1 Encienda el radio.

El radio emite un tono continuo.

### 2 Realice una de las siguientes acciones:

- Ingrese su contraseña actual de cuatro dígitos con el teclado del radio. En la pantalla se

muestra .... Presione  para continuar.

- Escriba su contraseña actual de cuatro dígitos. Presione ▲ o ▼ para editar el valor numérico de cada dígito. Cada dígito cambia a •. Presione

► para pasar al dígito siguiente. Presione  para confirmar la selección.

Escuchará un tono indicador positivo para cada

dígito que ingrese. Presione ◀ para eliminar cada • de la pantalla. El radio emite un tono indicador

negativo si presiona ◀ cuando la línea está vacía o si presiona más de cuatro dígitos.

Si la contraseña es correcta, el radio continúa el proceso de encendido. Consulte [Encendido del radio en la página 57](#).

Si la contraseña no es correcta, en la pantalla se muestra **Contraseña incorrecta**. Repita [paso 2](#).

Después de ingresar una contraseña incorrecta tres veces, en la pantalla se muestra **Contraseña incorrecta y, a continuación, Radio bloqueada**. Se emitirá un tono y el LED producirá parpadea dos veces en amarillo.



#### AVISO:

El radio no puede recibir ninguna llamada, incluidas las llamadas de emergencia, mientras está bloqueado.

### 6.3.23.2

## Activación y desactivación del bloqueo de la contraseña

- 1 Presione  para acceder al menú.

---

- 2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

---

- 3 Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.

---

- 4 Presione ▲ o ▼ para Bloq. contras. y presione  para seleccionar.

---

- 5 Ingrese la contraseña de cuatro dígitos.  
Consulte [paso 2 en Acceso al radio mediante contraseña en la página 367](#).

---

6

Presione  para continuar.

Si la contraseña es incorrecta, la pantalla muestra *Contraseña incorrecta* y regresa automáticamente al menú anterior.

---

7 Si la contraseña introducida en el paso anterior es

correcta, presione  para activar/desactivar el bloqueo de contraseña.

La pantalla muestra  junto a *Habilitado*.

La  desaparece del lado de *Habilitado*.

---

## 6.3.23.3

## Desbloqueo del radio del estado de bloqueo

1 Si su radio se apagó después estar en estado de bloqueo, encienda el radio.

Se emitirá un tono y el LED producirá parpadea dos veces en amarillo. La pantalla muestra *Radio bloqueado*.

---

2 Espere 15 minutos.

Cuando lo enciende, el radio permite reiniciar el temporizador de 15 minutos para el estado de bloqueo.

---

3 Repita [paso 1](#) y [paso 2](#) en [Acceso al radio mediante contraseña en la página 367](#).

---

## 6.3.23.4

## Cambio de la contraseña

1

Presione  para acceder al menú.

---

- 2 Presione ▲ o ▼ para Utilidades y presione



para seleccionar.

---

- 3 Presione ▲ o ▼ para Configuración del

radio y presione  para seleccionar.

---

- 4 Presione ▲ o ▼ para Bloq. contras. y

presione  para seleccionar.

---

- 5 Ingrese la contraseña de cuatro dígitos.

Consulte [paso 2 en Acceso al radio mediante contraseña en la página 367](#) .

---

- 6 Presione  para continuar.

Si la contraseña es incorrecta, la pantalla muestra Contraseña incorrecta y regresa automáticamente al menú anterior.

---

- 7 Si la contraseña ingresada en el paso anterior es correcta, ▲ o ▼ para Cambiar contras. y

presione  para seleccionar.

---

- 8 Ingrese una nueva contraseña de cuatro dígitos.

Consulte [paso 2 en Acceso al radio mediante contraseña en la página 367](#) .

---

- 9 Vuelva a ingresar la contraseña de cuatro dígitos que se ingreso anteriormente. Consulte [paso 2 en Acceso al radio mediante contraseña en la página 367](#) .
- 

- 10 Presione  para continuar.

Si la contraseña ingresada nuevamente coincide con la nueva contraseña ingresada anteriormente, la pantalla muestra Se cambió la contraseña.

Si la contraseña ingresada nuevamente **NO** coincide con la nueva contraseña ingresada anteriormente, la pantalla muestra Las contraseñas no coinciden.

La pantalla vuelve automáticamente al menú anterior.

### 6.3.24

## Operación de Bluetooth



### AVISO:

Si se desactiva con el CPS, todas las funciones relacionadas con Bluetooth se desactivan y la base de datos del dispositivo Bluetooth se borra.

Esta función le permite usar el radio con un dispositivo (accesorio) compatible con Bluetooth mediante una conexión inalámbrica Bluetooth. El radio es compatible tanto con dispositivos Motorola Solutions como con COTS (Artículos estándar disponibles en comercios) compatibles con Bluetooth.

Bluetooth funciona dentro de un rango de 10 metros (32 pies) en la línea de visión. Es una ruta sin obstrucciones entre el radio y el dispositivo compatible con Bluetooth.

Se recomienda que no aleje el radio y que no espere que el dispositivo compatible con Bluetooth funcione con una alta fidelidad cuando están alejados.

En las áreas con señal débil de recepción, tanto la calidad de la voz como la del tono comenzarán a sonar “distorsionadas” o “interrumpidas”. Para corregir este problema, simplemente ubique el radio y el dispositivo compatible con Bluetooth a una distancia menor entre sí (dentro del rango definido de 10 metros o 32 pies) para restablecer la recepción clara de audio. La función de Bluetooth del radio tiene una potencia máxima de 2,5 mW (4 dBm) en el rango de 10 metros/32 pies.

Su radio permite hasta 4 conexiones Bluetooth simultáneas con dispositivos compatibles con Bluetooth de distintos tipos. Por ejemplo, unos auriculares y un dispositivo solo para PTT (POD).

Consulte el manual del usuario del dispositivo compatible con Bluetooth correspondiente para obtener más información sobre las funciones completas del dispositivo compatible con Bluetooth.

### 6.3.24.1

## Activación o desactivación de Bluetooth

1

Presione  para acceder al menú.



2

Presione ▲ o ▼ para Bluetooth y presione  para seleccionar.

3

Presione ▲ o ▼ para Mi estado y presione  para seleccionar.

La pantalla muestra Encendido y Apagado. El estado actual se indica mediante un ✓.

4 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para Activar y presione



para seleccionar. La pantalla muestra Encendido y un ✓ aparece a la izquierda del estado seleccionado.

- Presione ▲ o ▼ para Desactivar y presione



para seleccionar. La pantalla muestra Apagado y un ✓ aparece a la izquierda del estado seleccionado.

## Búsqueda y conexión a un dispositivo Bluetooth

No apague el dispositivo compatible con Bluetooth ni

presione  durante la operación de búsqueda y conexión, ya que esto cancelará la operación.

- 1 Encienda el dispositivo compatible con Bluetooth e ingrese al modo de emparejamiento. Consulte el manual del usuario del dispositivo compatible con Bluetooth correspondiente.

- 2 En el radio, presione .

3

Presione ▲ o ▼ para Bluetooth y presione  para seleccionar.

- 4 Presione ▲ o ▼ para Dispositivos y presione



para seleccionar.

- 5 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para el dispositivo requerido y presione  para seleccionar.
- Presione ▲ o ▼ para Buscar dispositivos para ubicar dispositivos disponibles. Presione ▲ o ▼ para el dispositivo requerido y presione  para seleccionar.

- 
- 6 Presione ▲ o ▼ para obtener acceso a Conectar y presione  para seleccionar.

En la pantalla se muestra Conectando a <Dispositivo>. Es posible que el dispositivo compatible con Bluetooth requiera pasos adicionales para que se complete el emparejamiento. Consulte el manual del usuario del dispositivo compatible con Bluetooth correspondiente.

---

Si la conexión se establece correctamente, en la pantalla del radio se muestra <Dispositivo>Conectado. Se emite y  aparece junto al dispositivo conectado. Aparece el ícono Bluetooth conectado en la barra de estado.

Si no se realiza correctamente, la pantalla del radio muestra Error de conexión.

### 6.3.24.3

## Búsqueda y conexión desde un dispositivo Bluetooth (modo detectable)

No apague el Bluetooth o el radio durante la operación de búsqueda y conexión ya que esto puede cancelar la operación.

- 1 Active el dispositivo Bluetooth.

Consulte [Activación o desactivación de Bluetooth en la página 371](#) .

- 
- 2 Presione  para acceder al menú.

- 
- 3 Presione ▲ o ▼ para Bluetooth y presione  para seleccionar.
-

- 4 Presione ▲ o ▼ para **Buscarme** y presione  para seleccionar.

Ahora su radio puede ser encontrada por otros dispositivos compatibles con Bluetooth para una duración programada. Esto se denomina Modo visible.

- 5 Encienda el dispositivo compatible con Bluetooth y asíelo con el radio.  
Consulte el manual del usuario del dispositivo compatible con Bluetooth correspondiente.

#### 6.3.24.4

### Desconexión de un dispositivo Bluetooth

- 1 En el radio, presione  para acceder al menú.
- 2 Presione ▲ o ▼ para **Bluetooth** y presione  para seleccionar.

- 3 Presione ▲ o ▼ para **Dispositivos** y presione  para seleccionar.

- 4 Presione ▲ o ▼ para el dispositivo requerido y presione  para seleccionar.

- 5 Presione ▲ o ▼ para **Desconectar** y presione  para seleccionar.

En la pantalla se muestra **Desconectando de <dispositivo>**. Es posible que su dispositivo compatible con Bluetooth requiera pasos adicionales para la desconexión. Consulte el manual del usuario del dispositivo compatible con Bluetooth correspondiente.

En la pantalla del radio se muestra **<Dispositivo> Desconectado**. Suena un tono indicador positivo y  desaparece del dispositivo conectado. Desaparece el ícono Bluetooth conectado en la barra de estado.

## 6.3.24.5

## Cambio de ruta de audio entre el altavoz interno del radio y el dispositivo Bluetooth

Es posible alternar el enrutamiento del audio entre el altavoz interno del radio y el accesorio externo compatible con Bluetooth.

Presione el botón programado **Switch de audio Bluetooth**.

- Se emitirá un tono y la pantalla mostrará Dirigir audio a radio.
- Se emitirá un tono y la pantalla mostrará Dirigir audio a Bluetooth.

## 6.3.24.6

## Visualización de detalles de dispositivos

1

Presione  para acceder al menú.

2

Presione ▲ o ▼ para Bluetooth y presione  para seleccionar.

3

Presione ▲ o ▼ para Dispositivos y presione  para seleccionar.

4

Presione ▲ o ▼ para el dispositivo requerido y presione  para seleccionar.

5

Presione ▲ o ▼ para Ver detalles y presione  para seleccionar.

## 6.3.24.7

## Edición del nombre de dispositivos

Puede editar el nombre de los dispositivos compatibles con Bluetooth disponibles.

1

Presione  para acceder al menú.

- 2 Presione ▲ o ▼ para Bluetooth y presione  para seleccionar.
- 3 Presione ▲ o ▼ para Dispositivos y presione  para seleccionar.
- 4 Presione ▲ o ▼ para el dispositivo requerido y presione  para seleccionar.
- 5 Presione ▲ o ▼ para Editar nombre y presione  para seleccionar.
- 6 Presione ◀ para moverse un espacio hacia la izquierda. Oprima ▶ para moverse un espacio hacia la derecha. Presione  para eliminar los caracteres no deseados. Presione prolongadamente  para cambiar el método de entrada de texto. Aparece un cursor intermitente. Utilice el teclado para escribir la zona deseada.

- 7 La pantalla muestra Nombre del dispositivo guardado.

### 6.3.24.8

## Eliminación de un nombre de dispositivo

Puede quitar un dispositivo desconectado de la lista de dispositivos habilitados con Bluetooth.

- 1 Presione  para acceder al menú.
- 2 Presione ▲ o ▼ para Bluetooth y presione  para seleccionar.
- 3 Presione ▲ o ▼ para Dispositivos y presione  para seleccionar.
- 4 Presione ▲ o ▼ para el dispositivo requerido y presione  para seleccionar.

- 5 Presione ▲ o ▼ para Eliminar y presione  para seleccionar.  
La pantalla muestra Dispositivo eliminado.

## 6.3.24.9

## Ganancia de micrófono de Bluetooth

Permite controlar el valor de ganancia del micrófono del dispositivo con Bluetooth conectado.

- 1 Presione  para acceder al menú.
- 
- 2 Presione ▲ o ▼ para Bluetooth y presione  para seleccionar.
- 
- 3 Presione ▲ o ▼ para Ganancia de micrófono BT y presione  para seleccionar.
- 
- 4 Presione ▲ o ▼ para el tipo de ganancia de micrófono BT y los valores actuales.

Para editar valores, presione  para seleccionar.

- 5 Presione ▲ o ▼ para aumentar o disminuir los valores y presione  para seleccionar.

## 6.3.24.10

## Modo de detección de Bluetooth permanente



### AVISO:

El modo de visibilidad de Bluetooth permanente solo puede activarse mediante el MOTOTRBO CPS. Si está activado, el elemento Bluetooth **no** se mostrará en el menú y, **no** podrá utilizar ninguna función del botón programable Bluetooth.

Otros dispositivos compatibles con Bluetooth puede localizar el radio, pero los dispositivos no se puede conectar al radio. Permite que dispositivos dedicados utilicen la posición del radio en el proceso de ubicación basada en Bluetooth.

Encienda el dispositivo compatible con Bluetooth y asíelo con el radio. Consulte el manual de usuario correspondiente del dispositivo compatible con Bluetooth.

### 6.3.25

## Ubicación en áreas interiores



### AVISO:

La función de localización en áreas interiores se aplica a los modelos con la última versión de software y hardware. Para obtener más información, consulte a su proveedor o administrador del sistema.

La función Ubicación en áreas interiores se utiliza para realizar un seguimiento de la ubicación de los usuarios del radio. Cuando la función de localización en áreas interiores está activada, el radio se encuentra en el modo de detección limitado. Las señales periódicas específicas se utilizan para localizar el radio y determinar su posición.

### 6.3.25.1

## Activación o desactivación de la opción Localización en áreas interiores

Puede activar o desactivar la opción Localización en áreas interiores haciendo una de las siguientes acciones.

- Acceda a esta función a través del menú.

- a. Presione  para acceder al menú.
- b. Presione ▲ o ▼ para Bluetooth y presione  para seleccionar.
- c. Presione ▲ o ▼ para Ubicación en áreas interiores y presione  para seleccionar.
- d. Presione  para activar la opción Ubicación en áreas interiores.

La pantalla muestra Ubicación en áreas interiores activada. Escuchará un tono indicador positivo. Ocurred una de las siguientes situaciones.

- Si se realiza correctamente, aparece el ícono de Localización en áreas interiores disponible en la pantalla Inicio.
- Si no se realiza correctamente, la pantalla muestra Error de activación. Escuchará un tono indicador negativo.

- e. Presione  para desactivar la opción Ubicación en áreas interiores.

La pantalla muestra Ubicación en áreas interiores desactivada. Escuchará un tono indicador positivo.

Ocurrirá una de las siguientes situaciones.

- Si se realiza correctamente, el ícono de Localización en áreas interiores disponible en la pantalla Inicio desaparece.
- Si no realiza correctamente, la pantalla muestra Error de desactivación. Escuchará un tono indicador negativo.

- Acceda a esta función a través del botón programado.

- a. Presionado prolongadamente el botón programado **Ubicación en áreas interiores** para activar la opción Ubicación en áreas interiores.

La pantalla muestra Ubicación en áreas interiores activada. Escuchará un tono indicador positivo.

Ocurrirá una de las siguientes situaciones.

- Si se realiza correctamente, aparece el ícono de Localización en áreas interiores disponible en la pantalla Inicio.
- Si no se realiza correctamente, la pantalla muestra Error de activación. Si no se realizó correctamente, escuchará un tono indicador negativo.

- b. Presione el botón programado **Ubicación en áreas interiores** para desactivar la opción Ubicación en áreas interiores.

La pantalla muestra Ubicación en áreas interiores desactivada. Escuchará un tono indicador positivo.

Ocurrirá una de las siguientes situaciones.



- Si se realiza correctamente, el ícono de Localización en áreas interiores disponible en la pantalla Inicio desaparece.
- Si no realiza correctamente, la pantalla muestra Error de desactivación. Si no se realizó correctamente, escuchará un tono indicador negativo.

### 6.3.25.2

## Acceso a la información sobre las señales periódicas de localización en áreas interiores

Siga el procedimiento para acceder a la información de las señales periódicas de ubicación en áreas interiores.

- 1 Presione  para acceder al menú.
- 2 Presione  o  para Bluetooth y presione  para seleccionar.

- 3 Presione  o  para Ubicación en áreas interiores y presione  para seleccionar.

- 4 Presione  o  para Señ. periód. y presione  para seleccionar.

Aparece en la pantalla la información de la señal periódica.

### 6.3.26

## Lista de notificaciones

El radio tiene una lista de notificaciones que recoge todos los eventos “no leídos” del canal, como mensajes de texto no leídos, llamadas perdidas y alertas de llamada.

El ícono de notificaciones aparece en la barra de estado cuando la lista de notificaciones tiene un evento o más.

La lista permite un máximo de 40 eventos sin leer. Cuando se llena, el siguiente evento reemplaza automáticamente al evento más antiguo.



### AVISO:

Una vez que se leen los eventos, se eliminan de la lista de notificaciones.

## 6.3.26.1

## Acceso a la lista de notificaciones

Siga el procedimiento para acceder a la lista de notificaciones.

- 1 Presione  para acceder al menú.

---

- 2 Presione ▲ o ▼ para Notificación y presione  para seleccionar.

---

- 3 Presione ▲ o ▼ para el evento requerido y presione  para seleccionar.
  
- Presione  de manera prolongada para regresar a la pantalla de inicio.

---

## 6.3.27

## Funcionamiento de Wi-Fi

Esta función le permite configurar una red Wi-Fi y conectarse a ella. Wi-Fi es compatible con actualizaciones

de firmware, codeplug y recursos de radio, como paquetes de idioma y anuncio de voz.

**AVISO:**

Esta función solo se aplica a DGP 5550e/DGP 8550e.

Wi-Fi® es una marca comercial registrada de Wi-Fi Alliance®.

El radio es compatible con redes Wi-Fi WPA/WPA2 empresariales y WEP/WPA/WPA2 personales.

**Red Wi-Fi WEP/WPA/WPA2 personal**

Utiliza una clave (contraseña) precompartida basada en autenticación.

La clave precompartida se puede ingresar usando el menú o CPS/RM.

**Red Wi-Fi WPA/WPA2 empresarial**

Utiliza autenticación basada en certificados.

El radio debe estar configurado previamente con un certificado.

**AVISO:**

Consulte con su distribuidor o administrador del sistema para conectarse a una red Wi-Fi WPA/WPA2 empresarial.

El distribuidor o administrador del sistema asignan el botón programado **Wi-Fi encendida o apagada**. Consulte al distribuidor o administrador del sistema para determinar de qué manera se programó el radio.

Los anuncios de voz para el botón programado **Wi-Fi encendida o apagada** se pueden personalizar a través del CPS según los requisitos del usuario. Para obtener más información, consulte a su proveedor o administrador del sistema.



#### AVISO:

Puede activar o desactivar una conexión Wi-Fi de forma remota mediante un radio designado (consulte [Activación o desactivación de una conexión Wi-Fi de manera remota mediante un radio designado \(control individual\) en la página 233](#) y [Activación o desactivación de una conexión Wi-Fi de manera remota mediante un radio designado \(control grupal\) en la página 234](#) ). Para obtener más información, consulte a su proveedor o administrador del sistema.

#### 6.3.27.1

## Encendido o apagado de Wi-Fi

- 1 Presione el botón programado **encendido o apagado del Wi-Fi**. El anuncio de voz se emite cuando se enciende o apaga Wi-Fi.

---

  - 2 Acceda a esta función a través del menú.
    - a Presione  para acceder al menú.
    - b Presione  o  para ir a Wi-Fi y presione  para seleccionar.
    - c Presione  o  para ir a Wi-Fi activado y presione  para seleccionar.
    - d Presione  para activar/desactivar Wi-Fi.  
 Si el Wi-Fi está activado, en la pantalla se muestra  junto a Activado.  
 Si el Wi-Fi está desactivado, se dejará de mostrar  junto a Activado.
-

## 6.3.27.2

## Activación o desactivación de una conexión Wi-Fi de manera remota mediante un radio designado (control individual)

Puede activar o desactivar el Wi-Fi de manera remota en el control individual (uno a uno).



### AVISO:

Solo los radios con la configuración específica del CPS admiten esta función; consulte a su distribuidor o administrador del sistema para obtener más información.

#### 1 Realice uno de los siguientes pasos:

- Mantenga presionado el botón programable. Use el teclado para ingresar el ID y presione  para seleccionar. Continúe con [paso 4](#).
- Presione  para acceder al menú.

- 
- 2 Presione ▲ o ▼ para ir a **Contactos** y presione  para seleccionar.

#### 3 Use uno de los pasos descritos a continuación para seleccionar el alias del suscriptor requerido:

- Seleccione el alias del suscriptor directamente.
  - Presione ▲ o ▼ para el alias o ID de suscriptor requerido.
- Use el menú de **Marcado. manual**.
  - Presione ▲ o ▼ para ir a **Marcación manual** y presione  para seleccionar.
  - Seleccione el número de radio y utilice el teclado para ingresar el ID. Presione  para realizar la selección.

- 
- 4 Presione ▲ o ▼ para ir a **Control Wi-Fi** y presione  para realizar la selección.
-

- 5 Presione ▲ o ▼ para seleccionar Activar o Desactivar.
- 

- 6 Presione  para realizar la selección.
- 

Si se realiza correctamente, en la pantalla aparece un miniaviso positivo.

Si no se realiza correctamente, en la pantalla aparece un miniaviso negativo.

### 6.3.27.3

## Activación o desactivación de una conexión Wi-Fi de manera remota mediante un radio designado (control grupal)

Puede activar o desactivar el Wi-Fi de manera remota en el control grupal (uno a varios).



#### AVISO:

Solo los radios con la configuración específica del CPS admiten esta función; consulte a su distribuidor o administrador del sistema para obtener más información.

- 1 Presione  para acceder al menú.
- 

- 2 Presione ▲ o ▼ para ir a Contactos y presione  para seleccionar.
- 

- 3 Presione ▲ o ▼ para seleccionar el alias o ID de suscriptor requerido.
- 

- 4 Presione ▲ o ▼ para ir a Control Wi-Fi y presione  para realizar la selección.
- 

- 5 Presione ▲ o ▼ para seleccionar Activar o Desactivar.
- 

- 6 Presione  para realizar la selección.
- 

Si se realiza correctamente, en la pantalla aparecerá Enviado correctamente.

Si no se realiza correctamente, en la pantalla aparece un miniaviso negativo.

## 6.3.27.4

## Conexión a un punto de acceso de red

Cuando se activa la red Wi-Fi, el radio busca y se conecta a un punto de acceso de red.

**AVISO:**

También puede conectarse a un punto de acceso de red a través del menú.

Los puntos de acceso de la red Wi-Fi WPA empresarial están previamente configurados. Consulte al distribuidor o administrador del sistema para determinar de qué manera se programó el radio.

1

Presione  para acceder al menú.

2

Presione  o  para Wi-Fi y presione  para seleccionar.

3

Presione  o  para Redes y presione  para seleccionar.

- 4 Presione  o  para obtener acceso a un punto de acceso a la red y presione  para seleccionar.

**AVISO:**

En el caso de una red WPA empresarial, si un punto de acceso no está previamente configurado, la opción *Conectar* no estará disponible.

- 5 Presione  o  para obtener acceso a *Conectar* y presione  para seleccionar.

- 6 En el caso de una red Wi-Fi WPA personal, ingrese la contraseña y presione .

- 7 En el caso de una red Wi-Fi WPA empresarial, la contraseña se configura mediante RM.

Si la contraseña preconfigurada es correcta, su radio se conecta automáticamente al punto de acceso de red seleccionado.

Si la contraseña preconfigurada es incorrecta, la pantalla muestra Error de autenticación y regresa automáticamente al menú anterior.

Si la conexión se realiza correctamente, el radio muestra un aviso y el punto de acceso de red se guarda en la lista de perfiles.

Si la conexión no se realiza correctamente, el radio muestra momentáneamente en pantalla el aviso de falla y regresa automáticamente al menú anterior.

### 6.3.27.5

## Comprobación del estado de la conexión Wi-Fi

Presione el botón programado **Consulta de estado de Wi-Fi** para ver el estado de la conexión mediante el anuncio de voz. El anuncio de voz suena cuando Wi-Fi está apagado, está encendido, pero no sin conexión o cuando está encendido con conexión.

- En la pantalla aparece el mensaje Wi-Fi apagada cuando la conexión Wi-Fi está desactivada.

- En la pantalla aparece el mensaje Wi-Fi encendida, conectado cuando el radio está conectado a una red.
- En la pantalla aparece el mensaje Wi-Fi encendida, desconectado cuando la conexión Wi-Fi está encendida, pero el radio no está conectado a ninguna red.

Los anuncios de voz para los resultados de la consulta de estado de Wi-Fi se pueden personalizar a través de CPS según los requisitos del usuario. Para obtener más información, consulte a su proveedor o administrador del sistema.



### AVISO:

El distribuidor o el administrador del sistema asignan el botón programado **Consulta de estado de Wi-Fi**. Consulte al distribuidor o administrador del sistema para determinar de qué manera se programó el radio.

### 6.3.27.6

## Actualizar la lista de redes

- Realice las siguientes acciones para actualizar la lista de redes a través del menú.

- a. Presione  para acceder al menú.
- b. Presione ▲ o ▼ para ir a Wi-Fi y presione  para seleccionar.
- c. Presione ▲ o ▼ para ir a Redes y presione  para seleccionar.

Cuando ingresa al menú Redes, el radio actualiza automáticamente la lista de redes.

- Si ya se encuentra en el menú Redes, realice la siguiente acción para actualizar la lista de redes.  
Presione ▲ o ▼ para ir a Actualizar y presione  para seleccionar.

El radio se actualiza y muestra la lista de redes más reciente.

## Agregar una red



### AVISO:

Esta tarea no aplica a las redes Wi-Fi WPA empresariales.

Si una red preferida no está en la lista de redes disponibles, realice las siguientes acciones para agregar una red.

- 1 Presione  para acceder al menú.

---

- 2 Presione ▲ o ▼ para Wi-Fi y presione  para seleccionar.

---

- 3 Presione ▲ o ▼ para Redes y presione  para seleccionar.

---

- 4 Presione ▲ o ▼ hasta Agregar red y presione  para seleccionar.

---



- 5 Introduzca el identificador de red SSID y presione



.

6

Presione ▲ o ▼ para Abrir y presione  para seleccionar.

7

Ingrese la contraseña y presione .

El radio muestra un miniaviso positivo para indicar que la red se guardó correctamente.

2

Presione ▲ o ▼ para Wi-Fi y presione  para seleccionar.

3

Presione ▲ o ▼ para Redes y presione  para seleccionar.

4

Presione ▲ o ▼ para obtener acceso a un punto de acceso a la red y presione  para seleccionar.

5

Presione ▲ o ▼ para Ver detalles y presione  para seleccionar.



#### AVISO:

Las redes Wi-Fi WPA personales y WPA empresariales muestran detalles distintos de los puntos de acceso a la red.

#### Wi-Fi WPA personal

En el caso de un punto de acceso de red conectado, el radio muestra el identificador de red (SSID), el modo de seguridad, la dirección de control de acceso al medio (MAC) y la dirección de protocolo de Internet (IP).

#### 6.3.27.8

### Visualizar los detalles de los puntos de acceso de red

Puede ver detalles de los puntos de acceso de red.

1

Presione  para acceder al menú.

En el caso de un punto de acceso de red no conectado, el radio muestra SSID y el modo de seguridad.

### Wi-Fi WPA empresarial

En el caso de un punto de acceso de red conectado, el radio muestra SSID, el modo de seguridad, la identidad, el método EAP (Protocolo de autenticación extendida), la autenticación de fase 2, el nombre del certificado, la dirección MAC, la dirección IP, el gateway, y las direcciones DNS1 y DNS2.

En el caso de un punto de acceso de red no conectado, la radio muestra SSID, el modo de seguridad, la identidad, el método EAP, la autenticación de fase 2 y el nombre del certificado.

Realice las siguientes acciones para eliminar los puntos de acceso de red de la lista de perfiles.

- 1 Presione  para acceder al menú.

---

- 2 Presione ▲ o ▼ para Wi-Fi y presione  para seleccionar.

---

- 3 Presione ▲ o ▼ para Redes y presione  para seleccionar.

---

- 4 Presione ▲ o ▼ hasta el punto de acceso de red seleccionado y presione  para seleccionar.

---

- 5 Presione ▲ o ▼ hasta Eliminar y presione  para seleccionar.

---

#### 6.3.27.9

## Retirar los puntos de acceso de red



### AVISO:

Esta tarea no aplica a las redes Wi-Fi empresariales.

6

Presione ▲ o ▼ hasta Sí y presione  para seleccionar.

El radio muestra un miniaviso positivo para indicar que el punto de acceso de red seleccionado se eliminó correctamente.

## 6.4

# Servicios públicos

En este capítulo se explican las operaciones de las funciones de las herramientas disponibles en el radio.

## 6.4.1

# Activación o desactivación de los tonos/alertas del radio

Puede activar y desactivar todas las alertas y los tonos del radio (excepto el tono de Emergency Alert entrante), si fuera necesario.

Presione el botón programado **Todos los tonos/alertas** para activar o desactivar todos los tonos o siga el

procedimiento descrito a continuación para acceder a esta función a través del menú del radio.

1

Presione  para acceder al menú.

2

Presione ▲ o ▼ para Herramientas y presione  para seleccionar.

3

Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.

4

Presione ▲ o ▼ para Tonos/alertas y presione  para seleccionar.

5

Presione ▲ o ▼ para Todos los tonos y presione  para seleccionar.

6

Presione  para activar/desactivar todos los tonos y alertas.

La pantalla muestra ✔ junto a Habilitado.

El  desaparece del lado de Habilitado.

#### 6.4.2

### Activar o desactivar los tonos del teclado

Si es necesario, puede activar o desactivar los tonos del teclado.

- 1 Presione  para acceder al menú.
- 2 Presione  o  para Utilidades y presione  para seleccionar.
- 3 Presione  o  para Configuración del radio y presione  para seleccionar.
- 4 Presione  o  para Tonos/alertas y presione  para seleccionar.

- 5 Presione  o  para Tonos del teclado y presione  para seleccionar.

También puede usar  o  para cambiar la opción seleccionada.

- 6 Presione  para activar/desactivar los tonos del teclado.  
La pantalla muestra  junto a Habilitado.  
La  desaparece del lado de Habilitado.

#### 6.4.3

### Configuración del nivel de diferencia del volumen de tonos de alertas

Puede ajustar el nivel de diferencia de volumen de los tonos de alerta, si fuera necesario. Esta función ajusta el

volumen de los tonos o las alertas, y permite que sea más alto o más bajo que el volumen de voz.

- 1 Presione  para acceder al menú.

---

- 2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

---

- 3 Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.

---

- 4 Presione ▲ o ▼ para Tonos/alertas y presione  para seleccionar.

---

- 5 Presione ▲ o ▼ para Compensación de volumen y presione  para seleccionar.

---

- 6 Presione ▲ o ▼ hasta el valor de volumen requerido.

El radio emite un tono de respuesta con cada valor de volumen correspondiente.

- 7 Realice uno de los siguientes pasos:

- Presione  para mantener el valor de volumen requerido que se muestra.
- Presione  para salir sin cambiar la configuración actual de compensación de volumen.

### 6.4.4

## Activación o desactivación del Tono de permiso para hablar

Si es necesario, puede activar o desactivar el tono de Permiso para hablar.

- 1 Presione  para acceder al menú.

- 2 Presione ▲ o ▼ para Utilidades y presione



para seleccionar.

- 3 Presione ▲ o ▼ para Configuración del

radio y presione  para seleccionar.

- 4 Presione ▲ o ▼ para Tonos/alertas y presione



para seleccionar.

- 5 Presione ▲ o ▼ para Permiso para hablar y

presione  para seleccionar.

También puede usar ◀ o ▶ para cambiar la opción seleccionada.

- 6 Presione  para activar/desactivar el Tono de permiso para hablar.

La pantalla muestra ✓ junto a Activado.

El ✓ desaparece del lado de Habilitado.

#### 6.4.5

### Activación o desactivación del tono de alerta de encendido

Puede activar y desactivar el tono de alerta de encendido si fuese necesario.

1

Presione  para acceder al menú.

2

Presione ▲ o ▼ para Utilidades y presione



para seleccionar.

3

Presione ▲ o ▼ para Configuración del

radio y presione  para seleccionar.

4

Presione ▲ o ▼ para Tonos/alertas y presione



para seleccionar.

5

Presione ▲ o ▼ para Encender y presione  para seleccionar.

También puede usar ◀ o ▶ para cambiar la opción seleccionada.

- 
- 6 Presione  para activar/desactivar el tono de alerta de encendido.
- La pantalla muestra ✓ junto a Activado.
- El ✓ desaparece del lado de Habilitado.
- 

### 6.4.6

## Configuración del nivel de potencia

Puede personalizar la configuración de potencia del radio en alta o baja para cada zona Connect Plus.

**Alta** permite la comunicación con sitios de torre en modo Connect Plus que están a una distancia considerable del usuario. **Baja** permite la comunicación con sitios de torre en modo Connect Plus que están cerca entre sí.

Presione el botón programado **Nivel potencia** para alternar el nivel de potencia de transmisión entre alto y bajo.

Siga el procedimiento que se describe a continuación para acceder a esta función a través del menú del radio.

- 
- 1 Presione  para acceder al menú.
- 
- 2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.
- 
- 3 Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.
- 
- 4 Presione ▲ o ▼ para acceder a Potencia y presione  para seleccionar.
- 
- 5 Presione ▲ o ▼ para acceder a la configuración requerida y presione  para seleccionar.

✓ aparece junto a la configuración seleccionada. En

cualquier momento, presione  de manera prolongada para volver a la pantalla Inicio.

La pantalla vuelve al menú anterior.

#### 6.4.7

## Cambio del modo de pantalla

Puede cambiar el modo de pantalla del radio entre Diurno o Nocturno, según sea necesario. Esto afecta la paleta de colores de la pantalla.

1 Presione  para acceder al menú.

2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

3 Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.

4 Presione ▲ o ▼ para Pantalla y presione  para seleccionar.

La pantalla muestra Modo diurno y Modo nocturno.



### AVISO:

Presione ◀ o ▶ para cambiar la opción seleccionada.

5 Presione ▲ o ▼ para la configuración requerida y presione  para activar. ✓ Aparece junto a la configuración seleccionada.



## 6.4.8

## Ajuste del brillo de la pantalla

Puede ajustar el brillo de la pantalla del radio, según sea necesario.


**AVISO:**

El brillo de la pantalla no puede ajustarse cuando está activada la opción Brillo automático.

- 1 Presione  para acceder al menú.

---

- 2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

---

- 3 Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.

---

- 4 Presione ▲ o ▼ para Pantalla y presione  para seleccionar.

---

## 5

Presione ▲ o ▼ para Brillo y presione  para seleccionar.

La pantalla muestra una barra de progreso.

## 6

Reduzca el brillo de la pantalla presionando ◀ o aumente el brillo de la pantalla presionando ▶. Seleccione desde la configuración de 1 a 8.

Presione  para confirmar la entrada.

## 6.4.9

## Configuración del temporizador de la luz de fondo de la pantalla

Puede configurar el temporizador de la luz de fondo de la pantalla del radio según sea necesario. La configuración también afecta los botones de navegación de menú y, por lo tanto, la luz de fondo del teclado.

Presione el botón programado **Luz de fondo** para activar o desactivar la configuración de la luz de fondo o siga el procedimiento que se describe a continuación para acceder a esta función a través del menú del radio.

La luz de fondo de la pantalla y la iluminación de fondo del teclado se apagan automáticamente si el indicador LED está deshabilitado (consulte [Activación o desactivación del indicador LED en la página 400](#) ).

- 1 Presione  para acceder al menú.

---

- 2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

---

- 3 Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.

---

- 4 Presione ▲ o ▼ para Pantalla y presione  para seleccionar.

---

- 5 Presione ▲ o ▼ para Temporizador de la luz de fondo y presione  para seleccionar.  
  
Puede usar ◀ o ▶ para cambiar la opción seleccionada.

---

#### 6.4.10

### Activación o desactivación de la pantalla de introducción

Si es necesario, puede activar o desactivar la pantalla de introducción.

- 1 Presione  para acceder al menú.

---

- 2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

---

- 3 Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.

---

- 4 Presione ▲ o ▼ para Pantalla y presione  para seleccionar.

---

- 5 Presione ▲ o ▼ para Pantalla inicial y presione  para seleccionar.

---

También puede usar ◀ o ▶ para cambiar la opción seleccionada.

- 6
-   
OK

Presione para activar/desactivar la pantalla de introducción.
- La pantalla muestra ✔ junto a Activado.
- El ✔ desaparece del lado de Habilitado.

6.4.11

Bloqueo y desbloqueo del teclado

Puede bloquear el teclado del radio para evitar ingresar una tecla accidentalmente.

Para bloquear/desbloquear el teclado del radio.

| Option              | Pasos                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------------|
| Bloqueo del teclado | a Presione <br>OK para acceder al menú. |

| Option | Pasos                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        | <div>b Presione ▲ o ▼ para Utilidades y presione <br/>OK para seleccionar.</div> <div>c Presione ▲ o ▼ para Configuración del radio y presione <br/>OK para seleccionar.</div> <div>d Presione ▲ o ▼ para Bloqueo del teclado y presione <br/>OK para seleccionar.</div> <div>También puede usar o para cambiar la opción seleccionada.</div> |

| Option                        | Pasos                                                                                                                                                                                  |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Desbloqueo del teclado</b> | Presione  y luego  . |

Después de que se bloquea el teclado, la pantalla muestra **Teclado bloqueado** y vuelve a la pantalla Inicio.

Después de que se desbloquea el teclado, la pantalla muestra **Teclado desbloqueado** y vuelve a la pantalla Inicio.

#### 6.4.12

## Language

Puede configurar la pantalla del radio para que esté en su idioma deseado.

- 1 Presione  para acceder al menú.

- 2 Presione  o  para **Utilidades** y presione  para seleccionar.

- 3 Presione  o  para **Configuración del radio** y presione  para seleccionar.

- 4 Presione  o  para **Idiomas** y presione  para seleccionar.

También puede usar  o  para cambiar la opción seleccionada.

- 5 Presione  o  para el idioma requerido y presione  para activarlo.  aparece junto al idioma seleccionado.

6.4.13

## Activación o desactivación del indicador LED

Si es necesario, puede activar o desactivar el indicador LED.

- 1 Presione  para acceder al menú.
- 2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.
- 3 Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.
- 4 Presione ▲ o ▼ para Indicador LED y presione  para seleccionar.

También puede usar ◀ o ▶ para cambiar la opción seleccionada.

5

Presione  para activar/desactivar el indicador LED.

La pantalla muestra ✓ junto a Activado.

El ✓ desaparece del lado de Habilitado.

6.4.14

## Identificación del tipo de cable

Puede seleccionar el tipo de cable que utiliza el radio.

- 1 Presione  para acceder al menú.
- 2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.
- 3 Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.

- 4 Presione ▲ o ▼ para Tipo de cable y presione  para seleccionar.

También puede usar ◀ o ▶ para cambiar la opción seleccionada.

- 5 El tipo de cable actual se indica mediante ✓.

#### 6.4.15

### Anuncio de voz

Esta función permite que el radio indique de manera audible el canal o la zona actuales que el usuario acaba de asignar o la presión del botón programable. Este indicador de audio se puede personalizar según los requisitos del cliente. Esto resulta muy útil cuando el usuario no puede leer claramente el contenido que se muestra en la pantalla.

- 1 Presione  para acceder al menú.
- 2 Presione ▲ o ▼ para Herramientas y presione  para seleccionar.

- 3 Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.

- 4 Presione ▲ o ▼ para Anuncio de voz y presione  para seleccionar.

También puede usar ◀ o ▶ para cambiar la opción seleccionada.

- 5 Realice uno de los siguientes pasos:

- Presione  para activar el anuncio de voz. La pantalla muestra ✓ junto a Activado.
- Presione  para desactivar el anuncio de voz. El ✓ desaparece del lado de Activado.

## 6.4.16

## Configuración de la función Lector de textos



### AVISO:

La función de texto a voz solo puede activarse mediante el MOTOTRBO CPS. Si está activada, la función de anuncio de voz se desactiva automáticamente y viceversa. Para obtener más información, consulte a su proveedor o administrador del sistema.

Esta función permite que el radio indique con un sonido las siguientes características:

- Canal actual
- Zona actual
- Activación o desactivación de la función del botón programado
- Contenido de los mensajes de texto recibidos
  - Presione el botón programado **Anuncio de voz** para activar o desactivar esta función.
  - Este indicador de audio se puede personalizar según los requisitos del cliente. Esto resulta muy útil

cuando el usuario no puede leer claramente el contenido que se muestra en la pantalla.

- a. Presione  para acceder al menú.
- b. Presione ▲ o ▼ para Herramientas y presione  para seleccionar.
- c. Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.
- d. Presione ▲ o ▼ para Anuncio de voz y presione  para seleccionar.
- e. Presione ▲ o ▼ para Mensajes o Botón de programa y presione  para seleccionar.

También puede usar ◀ o ▶ para cambiar la opción seleccionada.

✓ aparece junto a la configuración seleccionada.

## 6.4.17

## Temporizador de menú

Establezca el tiempo que el radio permanece en el menú antes de cambiar automáticamente a la pantalla de inicio.

- 1 Presione  para acceder al menú.

---

- 2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

---

- 3 Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.

---

- 4 Presione ▲ o ▼ para Pantalla y presione  para seleccionar.

---

- 5 Presione ▲ o ▼ para Temporizador de menú y presione  para seleccionar.

---

- 6 Presione ▲ o ▼ para la configuración requerida y presione  para seleccionar.
- 

## 6.4.18

## AGC de micrófono digital (Mic AGC-D)

Esta función controla la ganancia del micrófono del radio automáticamente mientras transmite en un sistema digital. Suprime los sonidos altos o mejora los sonidos bajos hasta un valor predefinido para brindar un nivel uniforme de audio.

- 1 Presione  para acceder al menú.

---

- 2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

---

- 3 Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.



También puede usar ◀ o ▶ para cambiar la opción seleccionada.

- 4 Presione ▲ o ▼ para Mic. AGC-D y presione  para seleccionar.

5 Realice uno de los siguientes pasos:

- Presione  para activar **Mic. AGC-D**. En la pantalla se muestra ✓ junto a Activado.
- Presione  para desactivar **Mic. AGC-D**. La opción ✓ desaparece del lado de Activado.

#### 6.4.19

### Audio inteligente

El radio puede ajustar automáticamente el volumen del audio para solucionar el ruido de fondo del entorno, incluidas todas las fuentes de ruido estacionario y no estacionario. Esta es una función de recepción únicamente y no afecta la transmisión de audio.



#### AVISO:

Esta función no se aplica durante una sesión de Bluetooth.

1

Presione  para acceder al menú.

#### Control del radio

##### Menú

- Presione  para acceder al menú.
- Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.
- Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.

| Control del radio | Pasos                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | <p>d Presione ▲ o ▼ para Audio inteligente y presione  para seleccionar.</p> <p> <b>AVISO:</b> También puede utilizar ◀ o ▶ para cambiar la opción seleccionada.</p> <p>e Realice uno de los siguientes pasos:</p> <ul style="list-style-type: none"> <li>• Presione  para activar el audio inteligente. La pantalla muestra ✓ junto a Habilitado.</li> <li>• Presione  para desactivar el audio inteligente. El ✓</li> </ul> |

| Control del radio | Pasos                                                                                                                                                                                                                                                              |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | desaparece del lado de Habilitado.                                                                                                                                                                                                                                 |
| 2                 | Presione ▲ o ▼ para Herramientas y presione  para seleccionar.                                                                                                                    |
| 3                 | Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.                                                                                                       |
| 4                 | Presione ▲ o ▼ para Audio inteligente y presione  para seleccionar.                                                                                                             |
| 5                 | Realice uno de los siguientes pasos: <ul style="list-style-type: none"> <li>• Presione  para activar el audio inteligente. La pantalla muestra ✓ junto a Habilitado.</li> </ul> |

- Presione  para desactivar el audio inteligente. El  desaparece del lado de Habilitado.

Consulte [Lista de accesorios autorizados](#) para conocer los accesorios de audio recomendados compatibles con Bluetooth y con control de volumen automático integrado para un rendimiento similar.

### 6.4.20

## Activar o desactivar la función del supresor de retroalimentación acústica

Esta función le permite reducir al mínimo la retroalimentación acústica en las llamadas recibidas.

- 1 Presione  para acceder al menú.
- 2 Presione  o  para Utilidades y presione  para seleccionar.

- 3 Presione  o  para Configuración del radio y presione  para seleccionar.

- 4 Presione  o  para Supresor de AF y presione  para seleccionar.

También puede usar  o  para cambiar la opción seleccionada.

- 5 Realice uno de los siguientes pasos:

- Presione  para activar el supresor de retroalimentación acústica. La pantalla muestra  junto a Activado.
- Presione  para desactivar el supresor de retroalimentación acústica. El  desaparece del lado de Habilitado.

## 6.4.21

## Activar o desactivar la función de Control de distorsión dinámico del micrófono

Esta función le permite activar el radio para monitorear automáticamente la entrada del micrófono, y ajustar el valor de ganancia del micrófono para evitar cortes de audio.

- 1 Presione  para acceder al menú.

- 2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

- 3 Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.

También puede usar ◀ o ▶ para cambiar la opción seleccionada.

- 4 Presione ▲ o ▼ para Distorsión del micrófono y presione  para seleccionar.

- 5 Realice uno de los siguientes pasos:

- Presione  para activar el Control de distorsión dinámico del micrófono. La pantalla muestra ✓ junto a Habilitado.
- Presione  para desactivar el Control de distorsión dinámico del micrófono. La ✓ desaparece del lado de Habilitado.

## 6.4.22

## Encendido o apagado del GNSS

El Sistema satelital de navegación global (GNSS) es un sistema de navegación por satélite que determina la ubicación exacta del radio. El GNSS incluye el sistema de posicionamiento global (GPS), el sistema global de

navegación por satélite (GLONASS) y el sistema de navegación por satélite BeiDou (BDS).



### AVISO:

Los modelos de radio seleccionados pueden ofrecer GPS, GLONASS y BDS. La constelación de GNSS se configura a través del CPS. Consulte al distribuidor o administrador del sistema para determinar de qué manera se programó el radio.

#### 1 Realice uno de los siguientes pasos:

- Presione el botón programado **GNSS** para activar o desactivar la función. Omita los pasos siguientes.

- Presione  para obtener acceso al menú.

#### 2 Presione ▲ o ▼ para ir a Utilidades. Presione



para realizar la selección.

#### 3 Presione ▲ o ▼ para ir a Configuración del

radio. Presione  para realizar la selección.

4

Presione ▲ o ▼ para GNSS. Presione  para realizar la selección.

5

Presione  para activar/desactivar GNSS.

Si está activado, ✓ aparece al lado de Activado.

Si está desactivado, ✓ desaparece de al lado de Activado.

Consulte [Verificación de la información de GNSS en la página 429](#) para ver más detalles sobre cómo obtener información de GNSS.

### 6.4.23

## Configuración de entrada de texto

Puede configurar los siguientes ajustes de introducción de texto en el radio:

- Predicción de palabras
- Corrección de palabras
- Mayúscula al inicio de la oración
- Mis palabras

Su radio es compatible con los siguientes métodos de entrada de texto:

- Números
- Símbolos
- Predictivo o de pulsaciones múltiples
- Idioma (si está programado)



#### AVISO:

Presione  en cualquier momento para volver a la pantalla anterior o mantenga presionado  para volver a la pantalla de inicio. El radio sale de la pantalla actual una vez que caduca el tiempo de inactividad.

#### 6.4.23.1

### Predicción de palabras

El radio puede aprender secuencias de palabras comunes que se utilizan a menudo. En ese caso, predice la siguiente palabra que el usuario podría utilizar después de haber

escrito en el editor de texto la primera palabra de una secuencia común.

1

Presione  para acceder al menú.

2

Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

3

Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.

4

Presione ▲ o ▼ para Entrada de texto y presione  para seleccionar.

5

Presione ▲ o ▼ para Predicción de palabras y presione  para seleccionar.

También puede usar ◀ o ▶ para cambiar la opción seleccionada.

6

Realice uno de los siguientes pasos:

- Presione  para activar Predicción de palabras. La pantalla muestra ✓ junto a Habilitado.
- Presione  para desactivar Predicción de palabras. La ✓ desaparece del lado de Habilitado.

### 6.4.23.2

## Mayúscula al inicio de la oración

Esta función se usa para habilitar automáticamente las mayúsculas en la primera letra de la primera palabra de cada nueva oración.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para acceder a Entrada de texto. Presione  para realizar la selección.

- 5 Presione ▲ o ▼ para Frase mayús.. Presione  para realizar la selección.

- 6 Realice uno de los siguientes pasos:

- Presione  para activar Mayúscula al inicio de la oración. Si está activado, ✓ aparece al lado de Activado.
- Presione  para desactivar Mayúscula al inicio de la oración. Si está desactivado, ✓ desaparece de al lado de Activado.

## 6.4.23.3

## Visualización de palabras personalizadas

Puede añadir sus propias palabras personalizadas en el diccionario integrado del radio. El radio almacena una lista que contiene estas palabras.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para acceder a Entrada de texto. Presione  para realizar la selección.

---

- 5 Presione ▲ o ▼ para Mis palabras. Presione



para realizar la selección.

- 6 Presione ▲ o ▼ para Lista de palabras.



Presione para realizar la selección.

La pantalla muestra la lista de palabras personalizadas.

## 6.4.23.4

## Edición de una palabra personalizada

Puede editar las palabras personalizadas guardadas en el radio.

- 1 Presione  para acceder al menú.

---

- 2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

---



- 3 Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.
- 
- 4 Presione ▲ o ▼ para Entrada de texto y presione  para seleccionar.
- 
- 5 Presione ▲ o ▼ para Mis palabras y presione  para seleccionar.
- 
- 6 Presione ▲ o ▼ para Lista de palabras y presione  para seleccionar.  
La pantalla muestra la lista de palabras personalizadas.
- 
- 7 Presione ▲ o ▼ para la palabra requerida y presione  para seleccionar.
- 
- 8 Presione ▲ o ▼ para Editar y presione  para seleccionar.
- 

- 9 Utilice el teclado para editar la palabra personalizada.

Presione ◀ para moverse un espacio hacia la izquierda. Presione ▶ o la tecla  para moverse un espacio hacia la derecha. Presione la tecla  para eliminar los caracteres no deseados. Presione prolongadamente  para cambiar el método de entrada de texto. Presione  una vez que se complete la personalización de la palabra.

---

La pantalla muestra un miniaviso de transición, lo cual confirma que la palabra personalizada se está guardando.

Cuando la palabra personalizada se guarda, se escucha un tono y la pantalla muestra un miniaviso positivo.

Si no se guarda la palabra personalizada, se emite un tono bajo y la pantalla muestra un miniaviso negativo.

## 6.4.23.5

## Adición de palabras personalizadas

Puede agregar sus propias palabras personalizadas en el diccionario integrado del radio.

- 1 Presione  para acceder al menú.

---

- 2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

---

- 3 Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.

---

- 4 Presione ▲ o ▼ para Entrada de texto y presione  para seleccionar.

---

- 5 Presione ▲ o ▼ para Mis palabras y presione  para seleccionar.

---

- 6 Presione ▲ o ▼ para Añadir nueva palabra y presione  para seleccionar.

La pantalla muestra la lista de palabras personalizadas.

- 
- 7 Utilice el teclado para editar la palabra personalizada.

Presione ◀ para moverse un espacio hacia la izquierda. Presione ▶ o la tecla  para moverse un espacio hacia la derecha. Presione la tecla  para eliminar los caracteres no deseados. Presione prolongadamente  para cambiar el método de entrada de texto. Presione  una vez que se complete la personalización de la palabra.

---

La pantalla muestra un miniaviso de transición, lo cual confirma que la palabra personalizada se está guardando.

Cuando la palabra personalizada se guarda, se escucha un tono y la pantalla muestra un miniaviso positivo.

Si no se guarda la palabra personalizada, se emite un tono bajo y la pantalla muestra un miniaviso negativo.

### 6.4.23.6

## Eliminación de palabras personalizadas

Puede eliminar las palabras personalizadas guardadas en el radio.

- 1 Presione  para acceder al menú.
- 2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.
- 3 Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.
- 4 Presione ▲ o ▼ para Entrada de texto y presione  para seleccionar.

- 5 Presione ▲ o ▼ para Mis palabras y presione  para seleccionar.

- 6 Presione ▲ o ▼ para la palabra requerida y presione  para seleccionar.

- 7 Presione ▲ o ▼ para Eliminar y presione  para seleccionar.

- 8 Elija una opción de las siguientes:

- En ¿Eliminar entrada?, presione  para seleccionar Sí. La pantalla muestra Entrada eliminada.
- Presione ▲ o ▼ para No y presione  para volver a la pantalla anterior.

## 6.4.23.7

## Eliminación de todas las palabras personalizadas

Puede eliminar todas las palabras personalizadas del radio incorporado.

- 1 Presione  para acceder al menú.

---

- 2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

---

- 3 Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.

---

- 4 Presione ▲ o ▼ para Entrada de texto y presione  para seleccionar.

---

- 5 Presione ▲ o ▼ para Mis palabras y presione  para seleccionar.

---

- 6 Presione ▲ o ▼ para Eliminar todo y presione  para seleccionar.
- 

- 7 Elija una opción de las siguientes:

- En ¿Eliminar entrada?, presione  para seleccionar Sí. La pantalla muestra Entrada eliminada.
  - Presione ▲ o ▼ para No y presione  para volver a la pantalla anterior.
- 

## 6.4.24

## Acceso a la información general sobre el radio

El radio contiene la siguiente información:

- Batería
- Grado de inclinación (acelerómetro)
- Radio Model Number Index
- Comprobación de redundancia cíclica (CRC) del archivo de codeplug por aire (OTA) de la tarjeta opcional

- Número del sitio
- Info. Sitio
- Alias e ID de radio
- Versiones de firmware y codeplug
- Información de la GNSS

Presione  en cualquier momento para volver a la

pantalla anterior o realice una presión prolongada en  para volver a la pantalla de inicio. El radio sale de la pantalla actual una vez que caduca el tiempo de inactividad.

### 6.4.24.1

## Acceso de la información de la batería

Muestra información sobre la batería del radio.

1 Presione  para acceder al menú.

2 Presione  o  para Utilidades y presione  para seleccionar.

3 Presione  o  para acceder a Info. del radio y presione  para seleccionar.

4 Presione  o  para Info. de la batería y presione  para seleccionar.

Aparece en la pantalla la información de la batería.

Para baterías **IMPRES ÚNICAMENTE**: La pantalla muestra **Reacondicionar batería** si la batería requiere reacondicionamiento en un cargador IMPRES. Luego del proceso de reacondicionamiento, la pantalla muestra la información de la batería.

## 6.4.24.2

## Comprobar el grado de inclinación (acelerómetro)



### AVISO:

La medida en pantalla indica el grado de inclinación

en el momento en que presiona  para aceptar la opción Acelerómetro. Si cambia el ángulo del

radio después de presionar , el radio no cambiará la medida que se muestra en la pantalla. Sigue mostrando la medida que se tomó cuando se

presionó .

Si el radio portátil tiene activadas las alarmas de hombre caído, hay una opción del menú para comprobar la forma en que el radio mide el grado de inclinación. Esta es una función útil cuando el distribuidor o el administrador del sistema de radio utiliza

MOTOTRBO Connect Plus Option Board CPS para

configurar el ángulo de activación que disparará la alarma de inclinación.

1

Presione  para acceder al menú.

2

Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

3

Presione ▲ o ▼ para acceder a Info. del radio y presione  para seleccionar.

4

Incline el radio en el ángulo que activa la alarma de inclinación.

5

Presione ▲ o ▼ para Acelerómetro y presione  para seleccionar.

La pantalla muestra el ángulo de inclinación del radio (desviación de la posición vertical perpendicular) en grados (por ejemplo: 62 grados). Basándose en esto, utilice MOTOTRBO Connect Plus Option Board CPS para configurar el ángulo de activación a 60 grados (que

es el valor programable más cercano). Los temporizadores de la alarma de inclinación se activan cuando el ángulo de activación es de 60 grados o mayor.

---

### 6.4.24.3

## Comprobar el índice del número de modelo del radio

Con este número de índice se identifica el hardware específico para el modelo del radio. El administrador del sistema le puede solicitar este número al preparar un nuevo codeplug de la tarjeta opcional para el radio.

- 1 Presione  para acceder al menú.
  - 2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.
  - 3 Presione ▲ o ▼ para acceder a Info. del radio y presione  para seleccionar.
- 

- 4 Presione ▲ o ▼ para índice modelo y presione  para seleccionar.

La pantalla muestra el índice del número de modelo.

---

### 6.4.24.4

## Comprobar el CRC del archivo del codeplug OTA de la tarjeta opcional

Siga las instrucciones que se indican a continuación si el administrador del sistema del radio le solicita que vea la CRC (comprobación de redundancia cíclica) del archivo de codeplug OTA de la tarjeta opcional. Esta opción del menú solo aparece si la tarjeta opcional recibió la última actualización del codeplug mediante OTA.

- 1 Presione  para acceder al menú.
  - 2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.
-

- 3 Presione ▲ o ▼ para acceder a Info. del radio y presione  para seleccionar.

- 4 Presione ▲ o ▼ para OB OTA CPcnc y presione  para seleccionar.

La pantalla muestra algunas letras y números. Comunique esta información al administrador del sistema de radio exactamente como aparece.

- 2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

- 3 Presione ▲ o ▼ para acceder a Info. del radio y presione  para seleccionar.

- 4 Presione ▲ o ▼ para Número del sitio y presione  para seleccionar.

En la pantalla aparece la ID de red y el número de sitio.

#### 6.4.24.5

### Mostrar la ID del sitio (número del sitio)



#### AVISO:

Si actualmente no está registrado en un sitio, la pantalla muestra No registrado.

El radio muestra brevemente la ID del sitio cuando se registra en un sitio Connect Plus. Luego del registro, normalmente el radio no indica el número del sitio. Para ver el número del sitio registrado, haga lo siguiente:

- 1 Presione  para acceder al menú.

#### 6.4.24.6

### Comprobación de la información del sitio



#### AVISO:

Si actualmente no está registrado en un sitio, la pantalla muestra No registrado.

Función de información del sitio proporciona información que puede ser útil para un técnico de servicio. Consta de la siguiente información:



- Número de repetidor del repetidor del canal de control actual.
- RSSI: Último valor de intensidad de la señal medido desde el repetidor del canal de control.
- Lista de vecinos enviada por el repetidor del canal de control (cinco números separados por comas).

Si se le pide que utilice esta función, mencione la información mostrada exactamente como aparece en la pantalla.

- 1 Presione  para acceder al menú.
- 2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.
- 3 Presione ▲ o ▼ para acceder a Info. del radio y presione  para seleccionar.

- 4 Presione ▲ o ▼ para Información del sitio y presione  para seleccionar.  
La pantalla muestra la información del sitio.

### 6.4.24.7

## Comprobación de la ID de radio

Esta función muestra la ID del radio.

Siga el procedimiento que se describe a continuación para acceder a esta función a través de la pantalla del radio.

- 1 Presione  para acceder al menú.
- 2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.
- 3 Presione ▲ o ▼ para acceder a Info. del radio y presione  para seleccionar.

- 4 Presione ▲ o ▼ para **Mi ID** y presione  para seleccionar.

La pantalla muestra la ID del radio.

#### 6.4.24.8

### Verificación de la versión del firmware y la versión del codeplug

Muestra la versión del firmware del radio.

- 1 Presione  para acceder al menú.
- 2 Presione ▲ o ▼ para **Utilidades** y presione  para seleccionar.
- 3 Presione ▲ o ▼ para acceder a **Info. del radio** y presione  para seleccionar.

- 4 Presione ▲ o ▼ para **Versiones** y presione  para seleccionar.

Se muestra una lista con la siguiente información:

- Versión de firmware del radio
- Versión de codeplug del radio
- Versión del firmware de la tarjeta opcional
- Versión de la frecuencia de la tarjeta opcional
- Versión del hardware de la tarjeta opcional
- Versión del codeplug de la tarjeta opcional

#### 6.4.24.9

### Comprobar si hay actualizaciones

Connect Plus permite actualizar determinados archivos (el codeplug de la tarjeta opcional, el archivo de la frecuencia de la red y el archivo de firmware de la tarjeta opcional) por aire (OTA).



#### AVISO:

Compruebe con el distribuidor o el administrador de la red para determinar si esta función está activada en el radio.

Cualquier radio Connect Plus con pantalla tiene la capacidad de mostrar el CRC actual de OTA codeplug de la tarjeta opcional, la versión de archivo de frecuencia o la versión de archivo de firmware de la tarjeta opcional a través de una opción del menú. Además, los radios con pantalla que se habilitaron para la transferencia de archivos inalámbrica pueden mostrar la versión de un “archivo pendiente”. Un “archivo pendiente” es un archivo de frecuencia o un archivo de firmware de tarjeta opcional que el radio Connect Plus reconoce a través de la mensajería del sistema, pero el radio todavía no ha recopilado todos los paquetes del archivo. Si un radio Connect Plus con pantalla tiene un archivo pendiente, el menú proporciona opciones para:

- Consultar el número de la versión del archivo pendiente.
- Ver el porcentaje de paquetes que se han recolectado hasta el momento.
- Solicitar al radio Connect Plus que reanude la recopilación de los paquetes de archivos.

Si el radio está habilitado para la transferencia de archivos OTA por Connect Plus, es posible que existan veces en las que el radio automáticamente se conectará a la transferencia de archivos sin antes notificar al usuario del radio. Mientras el radio está recopilando paquetes de

archivos, el indicador LED parpadea rápidamente en rojo y el radio muestra el ícono de Datos de alto volumen en la barra de estado de la pantalla principal.



### AVISO:

El radio Connect Plus no puede recolectar paquetes de archivos y recibir las llamadas al mismo tiempo. Si desea cancelar la transferencia de archivos, pulse y suelte el botón **PTT**. Esto hace que el radio solicite una llamada en el nombre del contacto seleccionado y también cancelará la transferencia de archivos del radio hasta que el proceso se reanude más tarde.

Hay varias cosas que pueden hacer que el proceso de transferencia de archivos vuelva a empezar. El primer ejemplo se aplica a todos los tipos de archivos OTA. Los demás ejemplos solo se aplican al archivo de frecuencia de la red archivo y al archivo de firmware de la tarjeta opcional:

- El administrador del sistema de radio reinicia la transferencia de archivos OTA.
- El temporizador predefinido de la tarjeta opcional vence, lo que genera que la tarjeta opcional reanude automáticamente el proceso de recopilación de paquetes.

- El temporizador todavía no expira, pero el usuario del radio solicita la reanudación de la transferencia de archivo a través de la opción del menú.

Después que el radio Connect Plus finaliza la descarga de todos los paquetes de archivos, debe realizar la actualización según el archivo recién adquirido. Para el archivo de frecuencia de la red, se trata de un proceso automático y no requiere reiniciar el radio. Para el archivo de codeplug de la tarjeta opcional, se trata de un proceso automático que causa una breve interrupción del servicio mientras la tarjeta opcional carga la información del nuevo codeplug y vuelve a adquirir el sitio de la red. La rapidez con la que el radio se actualiza a un nuevo archivo de firmware de la tarjeta opcional depende de la forma en que el distribuidor o el administrador del sistema configuraron el radio. El radio se puede actualizar inmediatamente después de recopilar todos los paquetes de archivos o esperará hasta la próxima vez que el usuario encienda el radio.

**AVISO:**

Consulte al distribuidor o administrador del sistema para determinar de qué manera se programó el radio.

El proceso de actualizar a un nuevo archivo de firmware de la tarjeta opcional tarda varios segundos y requiere que la

tarjeta opcional Connect Plus restablezca el radio. Una vez que se inicie la actualización, el usuario del radio no podrá realizar ni recibir llamadas hasta que el proceso finalice. Durante el proceso, la pantalla del radio le avisa al usuario que no lo apague.

## 6.4.24.9.1

**Archivo de firmware**

La siguiente sección proporciona información sobre el firmware del radio.

## 6.4.24.9.1.1

**Firmware actualizado****AVISO:**

Si el archivo de firmware Tarjeta opcional no está actualizado (y si el radio ha recolectado parcialmente una versión de archivo de firmware de Tarjeta opcional más reciente), el radio muestra una lista con opciones adicionales; Versión, %recibido y Descarga.

1

Presione  para acceder al menú.

2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

---

3 Presione ▲ o ▼ para acceder a Info. del radio y presione  para seleccionar.

---

4 Presione ▲ o ▼ para Actualizaciones y presione  para seleccionar.

---

5 Presione ▲ o ▼ para Firmware y presione  para seleccionar.

La pantalla muestra El firmware está actualizado.

---

### 6.4.24.9.2

## Firmware pendiente, versión

1 Presione  para acceder al menú.

---

2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

---

3 Presione ▲ o ▼ para acceder a Info. del radio y presione  para seleccionar.

---

4 Presione ▲ o ▼ para Actualizaciones y presione  para seleccionar.

---

5 Presione ▲ o ▼ para Firmware y presione  para seleccionar.

---

6 Presione ▲ o ▼ para Versión y presione  para seleccionar.

Si hay pendiente un archivo de firmware de Tarjeta opcional, la pantalla muestra el número de versión del firmware.

Si hay pendiente un archivo de firmware de Tarjeta opcional, la pantalla muestra Firmware actualizado.

#### 6.4.24.9.3

### Firmware pendiente, % recibido

- 1 Presione  para acceder al menú.
- 2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.
- 3 Presione ▲ o ▼ para acceder a Info. del radio y presione  para seleccionar.
- 4 Presione ▲ o ▼ para Actualizaciones y presione  para seleccionar.

5

Presione ▲ o ▼ para Firmware y presione  para seleccionar.

6

Presione ▲ o ▼ para %recibido y presione  para seleccionar.

La pantalla muestra el porcentaje de paquetes de archivo de firmware recopilados hasta ese momento.



#### AVISO:

Cuando llegue al 100%, se debe apagar y encender el radio para iniciar la actualización del firmware.

#### 6.4.24.9.4

### Firmware pendiente, descargar

Si el radio Connect Plus abandonó anteriormente una transferencia OTA del archivo de firmware de la tarjeta opcional con un archivo parcial, la unidad se vuelve a unir automáticamente a la transferencia de archivos (si todavía está en curso) cuando expira un temporizador interno. Si desea que la unidad se vuelva a unir a una transferencia en curso de archivos de firmware de la tarjeta opcional

antes de que expire este temporizador interno, utilice la opción Descargar, como se describe a continuación.

- 1 Presione  para acceder al menú.
- 2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.
- 3 Presione ▲ o ▼ para acceder a Info. del radio y presione  para seleccionar.
- 4 Presione ▲ o ▼ para Actualizaciones y presione  para seleccionar.
- 5 Presione ▲ o ▼ para Firmware y presione  para seleccionar.
- 6 Presione ▲ o ▼ para Descarga y presione  para seleccionar.

La pantalla muestra lo siguiente:

|                           |                        |
|---------------------------|------------------------|
| Descarga disponible       | Iniciar descarga       |
| Sin descargas disponibles | Descarga no disponible |

7 Realice uno de los siguientes pasos:

- Seleccione Sí y presione  para iniciar la descarga.
- Seleccione No y presione  para volver al menú anterior.

### 6.4.24.9.5

## Archivo de frecuencia

La siguiente sección proporciona información sobre el archivo de frecuencia del radio.

## 6.4.24.9.5.1

## Archivo de frecuencia actualizado

**AVISO:**

Si el archivo de frecuencia no está actualizado (y si el radio ha recolectado parcialmente una versión de archivo de frecuencia más reciente), el radio muestra una lista con opciones adicionales; Versión, %recibido y Descarga.

1

Presione  para acceder al menú.

2

Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

3

Presione ▲ o ▼ para acceder a Info. del radio y presione  para seleccionar.

4 Presione ▲ o ▼ para Frecuencia y presione



para seleccionar.

La pantalla muestra Archivo de frec. está actualizado.

## 6.4.24.9.5.2

## Archivo de frecuencia pendiente, versión

1

Presione  para acceder al menú.

2

Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

3

Presione ▲ o ▼ para acceder a Info. del radio y presione  para seleccionar.

4

Presione ▲ o ▼ para Actualizaciones y presione  para seleccionar.



- 5 Presione ▲ o ▼ para Frecuencia y presione



para seleccionar.

6

Presione ▲ o ▼ para Versión y presione  para seleccionar.

Si hay pendiente un Archivo de frecuencia, la pantalla muestra el número de versión del Archivo de frecuencia.

- 4 Presione ▲ o ▼ para Actualizaciones y



presione para seleccionar.

5

Presione ▲ o ▼ para %recibido y presione  para seleccionar.

La pantalla muestra el porcentaje de paquetes de archivos de frecuencia recopilados hasta el momento.

### 6.4.24.9.5.3

#### Archivo de frecuencia pendiente: % recibido

1

Presione  para acceder al menú.

2

Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

3

Presione ▲ o ▼ para acceder a Info. del radio y presione  para seleccionar.

### 6.4.24.9.5.4

#### Archivo de frecuencia pendiente, descargar

Si el radio Connect Plus abandonó anteriormente una transferencia OTA del archivo de frecuencia de la red con un archivo parcial, la unidad se vuelve a unir automáticamente a la transferencia de archivos (si todavía está en curso) cuando expira un temporizador interno. Si desea que la unidad se vuelva a unir a una transferencia en curso de archivos de frecuencia de la red antes de que

caduque este temporizador interno, utilice la opción Descarga, como se describe a continuación.

- 1 Presione  para acceder al menú.

---

- 2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

---

- 3 Presione ▲ o ▼ para acceder a Info. del radio y presione  para seleccionar.

---

- 4 Presione ▲ o ▼ para Actualizaciones y presione  para seleccionar.

---

- 5 Presione ▲ o ▼ para Frecuencia y presione  para seleccionar.

---

6

Presione ▲ o ▼ para Descarga y presione  para seleccionar.

|                                        |                        |
|----------------------------------------|------------------------|
| Descarga no disponible en este momento | Descarga no disponible |
| Descarga disponibles en este momento   | Iniciar descarga       |

7 Realice uno de los siguientes pasos:

- Seleccione Sí y presione para iniciar la descarga.
- Seleccione No y presione para volver al menú anterior.

#### 6.4.24.9.6

### Verificación de la información de GNSS

Muestra la información de GNSS en el radio, como los valores de:

- Latitud
- Longitud

- Altitud
- Dirección
- Velocidad
- Dilución horizontal de precisión (HDOP)
- Satélites
- Versión

1 Presione  para acceder al menú.

---

2 Presione ▲ o ▼ para Utilidades y presione  para seleccionar.

---

3 Presione ▲ o ▼ para acceder a Info. del radio y presione  para seleccionar.

---

4 Presione ▲ o ▼ para Información de GNSS y presione  para seleccionar.

---

5 Presione ▲ o ▼ para el elemento requerido y presione  para seleccionar.

La información de GNSS deseada aparece en la pantalla.

---

Consulte [Encendido o apagado del GNSS en la página 407](#) para obtener más detalles sobre GNSS.

### 6.4.25

## Visualización de detalles de certificado de Wi-Fi empresarial

Puede ver los detalles del certificado de la red Wi-Fi empresarial seleccionada.

1 Presione  para obtener acceso al menú.

---

2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ hasta Menú de certificado.

Presione  para realizar la selección.

✓ aparece junto a los certificados listos.

---

- 4 Presione ▲ o ▼ hasta el certificado requerido.

Presione  para realizar la selección.

---

El radio muestra los detalles completos del certificado.



**AVISO:**

En el caso de los certificados que no están listos, la pantalla solo muestra el estado.

## Otros sistemas

---

Las funciones que están disponibles para los usuarios del radio de este sistema están disponibles en este capítulo.

### 7.1

## Botón Push-to-Talk

---

El botón Push-to-Talk (**PTT**) tiene dos propósitos básicos:

- Durante una llamada, el botón **PTT** permite que el radio transmita a los otros radios que participan en la llamada. El micrófono se activa cuando presiona el botón **PTT**.
- Si no hay ninguna llamada en curso, el botón **PTT** se utiliza para realizar una llamada nueva.

Presione prolongadamente el botón **PTT** para hablar.  
Suelte el botón **PTT** para escuchar.

Si el tono de permiso para hablar está activado, espere hasta que finalice el tono breve para hablar.

### 7.2

## Botones programables

---

Según la duración de la presión de un botón, el distribuidor puede configurar los botones programables como accesos directos a las funciones de radio.

### Presión breve

Oprimir y soltar con rapidez.

### Presión prolongada

Mantener presionado durante el tiempo programado.



#### AVISO:

Consulte [Funcionamiento de emergencia en la página 549](#) para obtener más información acerca de la duración programada del botón de **emergencia**.

### 7.2.1

## Funciones asignables del radio

Las siguientes funciones de radio se pueden asignar a los botones programables.

### Perfiles de audio

Permite al usuario seleccionar el perfil de audio que prefiera.

**Alternación de audio**

Alternar el enrutamiento de audio entre el altavoz interno del radio y el altavoz de un accesorio con cable.

**Switch de audio Bluetooth®**

Alternar el enrutamiento del audio entre el altavoz interno del radio y el accesorio externo compatible con Bluetooth.

**Conexión de Bluetooth**

Inicia una operación de búsqueda y conexión con Bluetooth.

**Desconexión de Bluetooth**

Finaliza todas las conexiones de Bluetooth existentes entre el radio y cualquier dispositivo compatible con Bluetooth.

**Detección de Bluetooth**

Permite que el radio ingrese a un modo de detección de Bluetooth.

**Llamada de alerta**

Permite acceder directamente a la lista de contactos para seleccionar un contacto al que se pueda enviar una alerta de llamada.

**Transferencia de llamadas **

Activa o desactiva el desvío de llamadas.

**Registro de llamada**

Selecciona la lista del registro de llamadas.

**Anuncio de canal**

Reproduce mensajes de voz de anuncios de zona y canal para el canal actual.

**Contactos**

Proporciona acceso directo a la lista de contactos.

**Interruptor**

Según la programación, inicia o cancela una emergencia.

**Ubicación en áreas interiores**

Activa o desactiva las áreas interiores.

**Intelligent Audio**

Activa o desactiva el audio inteligente.

**Marcación manual **

Inicia una llamada privada ingresando cualquier ID del suscriptor.

**Roaming manual del sitio<sup>6</sup> **

Inicia la búsqueda manual del sitio.

<sup>6</sup> No se aplica a Capacity Plus.

### **AGC del micrófono**

Enciende o apaga el control automático de ganancia (AGC) del micrófono interno.

### **Monitor**

Monitorea un canal seleccionado en busca de actividad.

### **Notificaciones**

Ofrece acceso directo a la lista de notificaciones.

### **Eliminación de canal no deseado<sup>6</sup>**

Borra temporalmente un canal no deseado de la lista de rastreo, excepto el canal seleccionado. El canal seleccionado hace referencia a la combinación de zona o canal seleccionados del usuario desde el cual se inicia el rastreo.

### **Acceso instantáneo**

Inicia directamente una llamada privada, telefónica o grupal, una alerta de llamada, un mensaje de texto rápido o un retorno a Inicio predefinidos.

### **Función de tarjeta opcional**

Activa o desactiva las funciones de la tarjeta opcional para los canales compatibles con la tarjeta opcional.

### **Monitor permanente<sup>6</sup>**

Monitorea todo el tráfico del radio en un canal seleccionado hasta que se haya desactivado la función.

### **Teléfono**

Permite el acceso directo a la lista de contactos del teléfono.

### **Privacidad**

Activa o desactiva la privacidad.

### **Alias e ID de radio**

Proporciona el alias e ID del radio.

### **Verificar radio**

Determina si un radio está activo en un sistema.

### **Habilitación del radio**

Permite activar el radio de destino de manera remota.

### **Deshabilitar radio**

Permite desactivar el radio de destino de manera remota.

### **Monitor Remoto**

Enciende el micrófono del radio de destino sin proporcionar ningún indicador.

### **Repetidor/transmisión directa<sup>6</sup>**

Alterna entre el uso de un repetidor y la comunicación directa con otro radio.

### **Silenciar recordatorio del canal de inicio**

Silencia el recordatorio de canal de inicio.

**Rastreo<sup>7</sup>**

Activa o desactiva el rastreo.

**Info. Sitio**

Muestra el nombre y el ID del sitio actual de Capacity Plus – Multi-Site.

Reproduce mensajes de voz de anuncio del sitio actual si la opción de anuncio de voz está activada.

**Bloqueo del sitio<sup>6</sup> **

Cuando está activado, el radio solo busca en el sitio actual. Si se desactiva, busca en otros sitios además del sitio actual.

**Estado**

Selecciona el menú de lista de estado.

**Control de telemetría**

Controla el pin de salida en un radio local o remoto.

**Mensaje de texto **

Selecciona el menú Mensaje de texto.

**Desconexión remota de la transmisión**

Detiene una llamada en curso que se puede interrumpir para liberar el canal.

**Mejora sonido**

Activa/desactiva la mejora del sonido.

**Activar/desactivar anuncio de voz**

Activa o desactiva el anuncio de voz.

**Transmisión operada por voz (VOX)**

Activa o desactiva la función VOX.

**Wi-Fi**

Activa o desactiva Wi-Fi.

**Selección de zona**

Permite seleccionar desde una lista de zonas.

**7.2.2**

## Opciones de configuración asignables o funciones de herramientas

Los siguientes ajustes de radio o funciones de herramientas se pueden asignar a los botones programables.

**Tones/Alerts**

Enciende y apaga todos los tonos y las alertas.

<sup>7</sup> No se aplica a Capacity Plus—Sitio único.



### Luz de fondo

Activa o desactiva la luz de fondo de la pantalla.

### Brillo de luz de fondo

Ajusta el nivel de brillo.

### Modo de pantalla

Enciende o apaga el modo de pantalla diurna/nocturna.

### Bloqueo del teclado

Bloquea y desbloquea el teclado.

### Nivel de potencia

Alterna el nivel de potencia de transmisión entre alto y bajo.

#### 7.2.3

## Acceso a las funciones programadas

Siga el procedimiento para acceder a las funciones programadas en el radio.

- 1 Realice uno de los siguientes pasos:
  - Presione el botón programado. Continúe con [paso 3](#).

- Presione  para obtener acceso al menú.

- 2 Presione  o  para acceder a la función del menú y presione  para seleccionar una función o entrar en un submenú.

- 3 Realice uno de los siguientes pasos:

- Presione  para regresar a la pantalla anterior.
- Mantenga presionado  para regresar a la pantalla de inicio.

El radio sale automáticamente del menú después de un período de inactividad y regresa a la pantalla Inicio.

#### 7.3

## Indicadores de estado

En este capítulo se describen los indicadores de estado y los tonos de audio que se utilizan en el radio.

## 7.3.1

## Íconos

La pantalla de cristal líquido (LCD) de 132 x 90 píxeles y 256 colores del radio muestra el estado del radio, las entradas de texto y las entradas del menú. A continuación, se muestran los íconos que aparecen en la pantalla del radio.

**Tabla 10 :Íconos de la pantalla**

A continuación se muestran los íconos que aparecen en la barra de estado situada en la parte superior de la pantalla del radio. Los íconos se organizan de izquierda a derecha en orden de aparición o uso, y son específicos del canal.

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>Batería</b><br/>La cantidad de barras (0–4) que se muestra indica la carga restante de la batería. El ícono parpadea cuando la carga de la batería es baja.</p> |  <p><b>Bluetooth no conectado</b><br/>La función Bluetooth está activada, pero no hay un dispositivo Bluetooth remoto conectado.</p>                                                                                        |
|  <p><b>Bluetooth conectado</b><br/>La función Bluetooth está activada. El ícono permanece encendido cuando hay un dispositivo Bluetooth remoto conectado.</p>          |  <p><b>Registro de llamadas</b><br/>Registro de llamada del radio.</p>                                                                                                                                                      |
|                                                                                                                                                                                                                                                         |  <p><b>Contacto</b><br/>El contacto de radio está disponible.</p>                                                                                                                                                           |
|                                                                                                                                                                                                                                                         |  <p><b>Emergencia</b><br/>El radio está en modo de emergencia.</p>                                                                                                                                                          |
|                                                                                                                                                                                                                                                         |  <p><b>Lista flexible de recepción</b><br/>La lista flexible de recepción está activada.</p>                                                                                                                                |
|                                                                                                                                                                                                                                                         |  <p><b>GNSS disponible</b> <br/>La función GNSS está activada. El ícono permanece encendido cuando hay una posición fija disponible.</p> |
|                                                                                                                                                                                                                                                         |  <p><b>GNSS no disponible</b> <br/>La función GNSS está activada, pero no recibe datos del satélite.</p>                                 |

|                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>Datos de alto volumen</b><br/>El radio está recibiendo datos de gran volumen y el canal está ocupado.</p>                                                                                                                                                   |  <p><b>Modo de silenciado</b><br/>El modo de silenciado está activado y el altavoz está silenciado.</p>                                   |
|  <p><b>Ubicación en áreas interiores disponible<sup>8</sup></b><br/>El estado de ubicación en áreas interiores está activado y disponible.</p>                                                                                                                     |  <p><b>Notificación</b><br/>Faltan uno o más eventos de la lista de notificaciones.</p>                                                   |
|  <p><b>Ubicación en áreas interiores no disponible<sup>8</sup></b><br/>El estado de ubicación en áreas interiores está activado, pero no está disponible debido a que Bluetooth está desactivado o el rastreo de señal periódica fue suspendido por Bluetooth.</p> |  <p><b>Tarjeta opcional</b><br/>La tarjeta opcional está activada. (Solo en modelos con la tarjeta opcional activada).</p>                |
|  <p><b>Mensaje</b><br/>Mensaje entrante.</p>                                                                                                                                                                                                                       |  <p><b>Tarjeta opcional sin funcionamiento</b><br/>La tarjeta opcional está desactivada.</p>                                              |
|  <p><b>Monitoreo</b><br/>Se está monitoreando el canal seleccionado.</p>                                                                                                                                                                                           |  <p><b>Temporizador de retardo de programación inalámbrica</b><br/>Indica el tiempo que queda hasta el reinicio automático del radio.</p> |
|                                                                                                                                                                                                                                                                                                                                                     |  <p><b>Nivel de potencia</b><br/>El radio está configurado en Potencia baja o Potencia alta.</p>                                          |

<sup>8</sup> Se aplica solo a los modelos con la última versión de software y hardware.

|                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>Indicador de intensidad de la señal recibida (RSSI)</b><br/>La cantidad de barras que se muestran representa la intensidad de la señal del radio. Cuatro barras indican la señal de mayor intensidad. Este ícono se muestra solamente durante la recepción.</p> |  <p><b>Rastreo: Prioridad 2<sup>9</sup></b><br/>El radio detecta actividad en el canal o el grupo designado como prioridad 2.</p> |
|  <p><b>Inhibición de respuesta</b><br/>La inhibición de respuesta está activada.</p>                                                                                                                                                                                   |  <p><b>Encriptar</b><br/>La función de privacidad está activada.</p>                                                              |
|  <p><b>Solo timbre</b><br/>El modo de timbre está habilitado.</p>                                                                                                                                                                                                      |  <p><b>Iniciar sesión</b><br/>Se inicia sesión en el radio en el servidor remoto.</p>                                             |
|  <p><b>Rastreo<sup>9</sup></b><br/>La función de rastreo está activada.</p>                                                                                                                                                                                            |  <p><b>Cerrar sesión</b><br/>Se cierra sesión en el radio en el servidor remoto.</p>                                              |
|  <p><b>Rastreo: Prioridad 1<sup>9</sup></b><br/>El radio detecta actividad en el canal o el grupo designado como prioridad 1.</p>                                                                                                                                      |  <p><b>Timbre silencioso</b><br/>El modo de timbre silencioso está habilitado.</p>                                                |
|                                                                                                                                                                                                                                                                                                                                                         |  <p><b>Roaming de sitio<sup>10</sup></b><br/>La función de roaming de sitio está activada.</p>                                    |

<sup>9</sup> No se aplica a Capacity Plus.

<sup>10</sup> No se aplica a Capacity Plus – Sitio único

|                                                                                   |                                                                                                                                                          |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Transmisión directa<sup>9</sup></b><br>En ausencia de un repetidor, el radio está actualmente configurado para comunicación de radio a radio directa. |
|  | <b>Desactivación de tonos</b><br>Los tonos están desactivados.                                                                                           |
|  | <b>Desencriptar</b><br>La función de privacidad está desactivada.                                                                                        |
|  | <b>Vibrar</b><br>El modo de vibración está habilitado.                                                                                                   |
|  | <b>Vibrar y timbrar</b><br>Los modos de vibración y timbre están activados.                                                                              |
|  | <b>Rastreo de votación</b><br>La función de rastreo de votación está activada.                                                                           |
|  | <b>Señal Wi-Fi excelente<sup>11</sup></b><br>La señal Wi-Fi es excelente.                                                                                |

|                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  | <b>Señal Wi-Fi buena<sup>11</sup></b><br>La señal Wi-Fi es buena.                   |
|  | <b>Señal Wi-Fi de valor medio<sup>11</sup></b><br>La señal Wi-Fi es de valor medio. |
|  | <b>Señal Wi-Fi deficiente<sup>11</sup></b><br>La señal Wi-Fi es deficiente.         |
|  | <b>Señal Wi-Fi no disponible<sup>11</sup></b><br>La señal Wi-Fi no está disponible. |

**Tabla 11 :Íconos de menú avanzados**

Los íconos siguientes aparecen junto a los elementos del menú que ofrecen una alternativa entre dos opciones o como indicación de que el submenú ofrece dos opciones.

|                                                                                   |                                                                                          |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
|  | <b>Casilla de verificación (seleccionada)</b><br>Indica que la opción está seleccionada. |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|

<sup>11</sup> Se aplica solo a DGP 5550e/DGP 8550e

**Casilla de verificación (vacía)**

Indica que la opción no está seleccionada.

**Cuadro negro relleno**

Indica que la opción está seleccionada para el elemento del menú con un submenú.

**Dispositivo sensor con Bluetooth<sup>11</sup>**

Dispositivo sensor con Bluetooth, como un sensor de gas.

**Tabla 12 :Íconos del dispositivo Bluetooth**

Los siguientes íconos aparecen junto a los elementos de la lista de dispositivos compatibles con Bluetooth disponibles para indicar el tipo de dispositivo.

**Dispositivo de audio con Bluetooth**

Dispositivo de audio compatible con Bluetooth, como auriculares.

**Dispositivo de datos con Bluetooth**

Dispositivo de datos compatible con Bluetooth, como un lector.

**Dispositivo PTT con Bluetooth**

Dispositivo PTT compatible con Bluetooth, como un dispositivo solo para PTT (POD).

**Tabla 13 :Íconos de llamada**

Los siguientes íconos aparecen en la pantalla del radio durante una llamada. Estos íconos también aparecen en la lista de contactos para indicar el tipo de ID o alias.

**Llamada de PC Bluetooth**

Indica una llamada de PC Bluetooth en curso.

En la lista Contactos, se indica un alias (nombre) o ID (número) de llamada de PC Bluetooth.

**Llamada de despacho**

El tipo de contacto de llamada de despacho se utiliza para enviar un mensaje de texto a una computadora despachadora a través de un servidor de mensajes de texto de terceros.



### **Llamada de grupo/general**

Indica que hay una llamada de grupo o general en curso.

En la lista de contactos, se indica un alias (nombre) o ID (número) de grupo.



### **Llamada individual periférica sin IP**

Indica una llamada individual periférica sin IP en curso.

En la lista de contactos, indica un alias (nombre) o ID (número) de suscriptor.



### **Llamada de grupo periférica sin IP**

Indica una llamada de grupo sin IP periférica en curso.

En la lista de contactos, se indica un alias (nombre) o ID (número) de grupo.



### **Llamada individual de tarjeta opcional**

Indica que hay una llamada individual de tarjeta opcional en curso.

En la lista de contactos, indica un alias (nombre) o ID (número) de suscriptor.



### **Llamada de grupo de tarjeta opcional**

Indica que hay una llamada de grupo de tarjeta opcional en curso.

En la lista de contactos, se indica un alias (nombre) o ID (número) de grupo.



### **Llamada telefónica como llamada de grupo/general**

Indica que hay una llamada telefónica como llamada de grupo/general en curso. En la lista de contactos, se indica un alias (nombre) o ID (número) de grupo.



### **Llamada telefónica como llamada privada**

Indica que hay una llamada telefónica como llamada privada en curso. En la lista de contactos, se indica un alias (nombre) o ID (número) de teléfono.

**Llamada privada**

Indica que hay una llamada privada en curso. En la lista de contactos, indica un alias (nombre) o ID (número) de suscriptor.

**Enviado correctamente**

Los trabajos se han enviado correctamente.

**prioridad 1**

Indica nivel de prioridad 1 para los trabajos.

**prioridad 2**

Indica nivel de prioridad 2 para los trabajos.

**Prioridad 3**

Indica nivel de prioridad 3 para los trabajos.

**Tabla 14 :Íconos de fichas de trabajo**

Los siguientes íconos aparecen momentáneamente en la pantalla en la carpeta Fichas de trabajo.

**Todos los trabajos**

Indica todos los trabajos detallados.

**Nuevos trabajos**

Indica los nuevos trabajos.

**En curso**

Los trabajos están transmitiendo. Esto se ve antes de que se indique si el envío de las fichas de trabajo falló o se realizó correctamente.

**Error de envío**

No se pueden enviar los trabajos.

**Tabla 15 :Íconos de miniavisos**

Los siguientes íconos aparecen momentáneamente en la pantalla después de realizar una tarea.

**Error de transmisión (negativo)**

Se produjo un error en la acción.

**Transmisión correcta (positiva)**

La acción se realizó correctamente.





### Transmisión en curso (transición)

Transmitiendo. Esto se ve antes del indicador de transmisión correcta o error de transmisión.



### Mensaje individual o de grupo no leído

No se ha leído el mensaje de texto.



### Error de envío

No se pudo enviar el mensaje de texto.



### Enviado correctamente

Se ha enviado el mensaje de texto correctamente.

**Tabla 16 :Iconos de los elementos enviados**

Los siguientes íconos aparecen en la esquina superior derecha de la pantalla en la carpeta Enviados.



### En curso

El mensaje de texto a un alias o ID del suscriptor está pendiente de transmisión y en espera de confirmación. El mensaje de texto a un alias o ID de grupo está pendiente de transmisión.



### Mensaje individual o de grupo leído

Se ha leído el mensaje de texto.

### 7.3.2

## Indicadores LED

Los indicadores LED muestran los estados operativos del radio.

### Rojo intermitente

El radio indica una incompatibilidad de la batería.

El radio no pudo realizar la autocomprobación durante el encendido.

El radio está recibiendo una transmisión de emergencia.

El radio está transmitiendo en un estado de batería baja.

El radio salió del rango si está configurado el sistema transpondedor de rango automático.

El modo de silenciado está activado.

### **Luz verde**

El radio se está encendiendo.

El radio está transmitiendo.

El radio está enviando una alerta de llamada o una transmisión de emergencia.

### **Verde intermitente**

El radio está recibiendo una llamada o datos.

El radio está recuperando transmisiones de programación inalámbrica.

El radio está detectando actividad inalámbrica.



### **AVISO:**

Esta actividad puede afectar, o no, al canal programado del radio debido a la naturaleza del protocolo digital.

No hay ninguna indicación LED cuando el radio está detectando actividad inalámbrica en Capacity Plus.

### **Verde intermitente doble**

El radio está recibiendo una llamada con privacidad activada o datos.

### **Luz amarilla**

El radio está monitoreando un canal convencional.

### **Amarillo intermitente**

El radio está rastreando en busca de actividad.

El radio aún debe responder a una alerta de llamada.

Todos los canales de Capacity Plus – Multisitio están ocupados.

### **Amarillo intermitente doble**

El radio tiene activado roaming automático.

El radio está buscando activamente un nuevo sitio.

El radio aún debe responder una alerta de llamada de un grupo.

El radio está bloqueado.

El radio no está conectado al repetidor mientras está en Capacity Plus.

Todos los canales de Capacity Plus están ocupados.

### 7.3.3

## Tonos

Las siguientes son los tonos que se emiten a través del altavoz del radio.



Tono agudo



Tono grave

### 7.3.3.1

## Tonos indicadores

Los tonos indicadores proporcionan indicaciones sonoras del estado después de realizar una acción para generar una tarea.



Tono indicador positivo



Tono indicador negativo

### 7.3.3.2

## Tonos de audio

Los tonos de audio proporcionan indicaciones sonoras sobre el estado del radio o la respuesta del radio a los datos recibidos.



### Tono continuo

Un sonido monocorde. Suena continuamente hasta que finalice.



### Tono periódico

Suena periódicamente, según la duración establecida por el radio. El tono se inicia, se detiene y se repite.



### Tono repetitivo

Un tono único que se repite hasta que el usuario lo detiene.



### Tono momentáneo

Suena una vez por una corta duración establecida por el radio.

## 7.4

# Selecciones de zonas y canales

En este capítulo se explican las operaciones que permiten seleccionar una zona o un canal en el radio. Una zona es un grupo de canales.

El radio es compatible con hasta 1000 canales y 250 zonas, con un máximo de 160 canales por zona.

Cada canal se puede programar con diferentes funciones o es compatible con diferentes grupos de usuarios.

### 7.4.1

## Selección de zonas

Siga el procedimiento para seleccionar la zona requerida en el radio.

- 1 Realice uno de los siguientes pasos:

- Presione el botón programado **Selección de zona**. Continúe con [paso 3](#).

- Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para acceder a Zona. Presione

 para realizar la selección.

La pantalla muestra ✓ y la zona actual.

- 3 Presione ▲ o ▼ para acceder a la zona

requerida. Presione  para realizar la selección.

En la pantalla se muestra <Zona> Seleccionada momentáneamente y permite regresar a la pantalla de la zona seleccionada.

### 7.4.2

## Selección de zonas mediante la búsqueda de alias

Siga el procedimiento para seleccionar la zona deseada en el radio mediante la búsqueda de alias.

1 Presione  para obtener acceso al menú.

---

2 Presione ▲ o ▼ para ir a Zona. Presione  para realizar la selección.

En la pantalla se muestra ✓ y la zona actual.

---

3 Escriba el primer carácter del alias deseado.

La pantalla muestra un cursor intermitente.

---

4 Ingrese el resto de los caracteres del alias deseado.

La búsqueda de alias distingue entre mayúsculas y minúsculas. Si hay dos o más entradas con el mismo nombre, la pantalla muestra la entrada que aparece primero en la lista.

La primera línea de texto muestra los caracteres que ingresó. Las siguientes líneas de texto muestran los resultados abreviados de la búsqueda.

---

5 Presione  para realizar la selección.

La pantalla muestra <Zona> Seleccionada momentáneamente y regresa a la pantalla de la zona seleccionada.

---

### 7.4.3

## Selección de canales

Siga el procedimiento para seleccionar el canal requerido en el radio.

Gire la perilla **selección de canal** para seleccionar el canal, el ID de suscriptor o el ID de grupo.



### AVISO:

Si la función **Parada de canal virtual** está activada, el radio deja de continuar más allá del primer o del último canal y se escucha un tono.

---

## 7.5

## Llamadas

En este capítulo, se explican las operaciones para recibir, responder, realizar y finalizar llamadas.

Puede seleccionar un alias o ID de suscriptor, o un alias o ID de grupo, después de seleccionar un canal por medio de una de estas funciones:

### Búsqueda de alias

Este método se utiliza solo para llamadas de grupo, privadas y generales con un micrófono con teclado.

### Lista Contactos

Este método permite acceder directamente a la lista de contactos.

### Marcación manual (a través de Contactos)

Este método se utiliza solo para llamadas privadas y telefónicas con un micrófono con teclado.

### Teclas numéricas programadas

Este método se utiliza solo para llamadas de grupo, privadas y generales con un micrófono con teclado.



### AVISO:

Solo es posible asignar un alias o ID a una tecla numérica, pero es posible tener más de una tecla numérica asociada a un alias o ID. Se pueden asignar todas las teclas numéricas de un micrófono con teclado. Consulte [Asignación de entradas a teclas numéricas programables en la página 528](#) para obtener más información.

### Botón programado de acceso instantáneo

Este método se utiliza solo para llamadas Grupales, privadas y telefónicas.

Solo puede asignar un ID a un botón **Acceso instantáneo** mediante una presión breve o prolongada de un botón programable. El radio puede tener varios botones programados **Acceso instantáneo**.

### Botón programable

Este método se usa solo para llamadas telefónicas.

## 7.5.1

## Llamadas grupales

El radio debe configurarse como parte de un grupo para recibir una llamada o realizar una llamada al grupo de usuarios.

### 7.5.1.1

## Realización de llamadas de grupo

Siga el procedimiento para realizar llamadas de grupo en el radio.

1 Realice uno de los siguientes pasos:

- Seleccione un canal con el alias o ID de grupo activo.
- Presione el botón programado **Acceso instantáneo**.

2 Presione el botón **PTT** para realizar la llamada.

La luz LED verde se enciende. En la pantalla se muestra el ícono **Llamada grupal** y el alias de llamada grupal.

3 Realice uno de los siguientes pasos:

- Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
-  Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.

4 Suelte el botón **PTT** para escuchar.

El LED verde se ilumina cuando responde el radio de destino. En la pantalla se muestra el ícono de **Llamada grupal**, el alias o la ID de grupo, y el alias o la ID del radio transmisor.

5  Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder. Presione el botón **PTT** para responder la llamada.

La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado. El radio regresará a la pantalla en la que se encontraba antes de iniciar la llamada.

### 7.5.1.2

## Realización de llamadas de grupo mediante la lista de contactos

Siga el procedimiento para realizar llamadas de grupo en el radio mediante la lista de contactos.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para acceder a Contactos. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.

---

- 4 Presione el botón **PTT** para realizar la llamada.  
La luz LED verde se enciende.

---

- 5 Realice uno de los siguientes pasos:
  - Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
  -  Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.

---

- 6 Suelte el botón **PTT** para escuchar.  
El LED verde se ilumina cuando responde el radio de destino. La pantalla muestra el ícono, alias o ID

de **Llamada grupal** y el alias o ID del radio transmisor.

- 7  Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder. Presione el botón **PTT** para responder la llamada.

La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado.

#### 7.5.1.3

### Realización de llamadas de grupo mediante la tecla numérica programable

Siga el procedimiento para realizar llamadas de grupo en el radio mediante la tecla numérica programable.

- 1 Presione de forma prolongada la tecla numérica programada para el alias o ID predefinidos cuando se encuentre en la pantalla Inicio.



Si se asigna una tecla numérica a una entrada en un modo particular, esta función no se permite al realizar la presión prolongada de la tecla numérica en otro modo.

Suena un tono indicador negativo si la tecla numérica no está asociada a una entrada.

---

### 2 Presione el botón **PTT** para realizar la llamada.

La luz LED verde se enciende. La pantalla muestra el ícono de **Llamada de grupo** en la esquina superior derecha. La primera línea de texto muestra el alias del suscriptor. En la segunda línea de texto se muestra el estado de llamada de la llamada privada o **Llamada general** para Llamada general.

---

### 3 Realice uno de los siguientes pasos:

- Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
-  Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.

### 4 Suelte el botón **PTT** para escuchar.

El LED verde se ilumina cuando responde el radio de destino. La pantalla muestra el alias de destino.

---

### 5 Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder. Presione el botón **PTT** para responder la llamada.

La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado. El radio regresa a la pantalla en la que se encontraba antes de iniciar la llamada.

---

Consulte [Asignación de entradas a teclas numéricas programables en la página 528](#) para obtener más información.

#### 7.5.1.4

### Respuesta a llamadas de grupo

Para recibir una llamada proveniente de un grupo de usuarios, el radio debe estar configurado como parte de

ese grupo. Siga el procedimiento para responder a las llamadas de grupo en el radio.

Cuando recibe una llamada de grupo:

- El LED verde parpadea.
- En la primera línea de texto se muestra el alias de la persona que llama.
- La segunda línea de texto muestra el alias de la llamada grupal.
- Se activa el sonido del radio, y la llamada entrante se emite a través del altavoz.

#### 1 Realice uno de los siguientes pasos:

-  Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder. Presione el botón **PTT** para responder la llamada.
-  Si la función Interrumpir voz está activada, presione el botón **PTT** para detener el audio del

radio transmisor y liberar el canal para responder.

La luz LED verde se enciende.

---

#### 2 Realice uno de los siguientes pasos:

- Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
-  Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.

---

#### 3 Suelte el botón **PTT** para escuchar.

La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado.

Si el radio recibe una llamada de grupo mientras no está en la pantalla Inicio, permanece en la pantalla actual antes de responder la llamada.

Presione de manera prolongada  para volver a la pantalla Inicio para ver el alias de la persona que llama antes de responder.

### 7.5.2

## Llamadas privadas

Una llamada privada es una llamada que realiza un radio individual a otro radio individual.

Hay dos formas de configurar una llamada privada. El primer tipo de configuración establece la llamada después de realizar una verificación de presencia de radios, mientras que el segundo tipo inicia la llamada inmediatamente. El distribuidor puede programar solo uno de estos tipos en el radio.

Si el radio está programado para realizar una verificación de presencia de radios antes de establecer la llamada privada y el radio de destino no está disponible:

- Se emite un tono.
- La pantalla muestra un miniaviso negativo.
- El radio regresa al menú antes de iniciar la verificación de presencia de radios.

Consulte [Privacidad en la página 578](#) para obtener más información.

### 7.5.2.1

## Realización de llamadas privadas

Para iniciar una llamada privada, el radio debe estar programado. Si esta función no está activada, sonará un tono indicador negativo cuando se inicie la llamada. Siga el procedimiento para realizar llamadas privadas en el radio.

### 1 Realice uno de los siguientes pasos:

- Seleccione el canal con el alias o ID del suscriptor activo.
- Presione el botón programado **Acceso instantáneo**.

### 2 Presione el botón **PTT** para realizar la llamada.

La luz LED verde se enciende. En la pantalla se muestra el ícono de **Llamada privada**, el alias del suscriptor y el estado de la llamada.

### 3 Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.

- 4 Suelte el botón **PTT** para escuchar.

La luz LED verde parpadea cuando responde el radio de destino.

- 5  Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder. Presione el botón **PTT** para responder la llamada.

La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado. Se emite un tono. La pantalla muestra *Llamada finalizada*.

### 7.5.2.2

## Realización de llamadas privadas mediante la lista de contactos

- 1 Presione  para obtener acceso al menú.

- 2 Presione  o  para acceder a *Contactos*.

Presione  para realizar la selección.

- 3 Presione  o  para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.

- 4 Presione el botón **PTT** para realizar la llamada.  
Si suelta el botón **PTT** mientras el radio configura la llamada, saldrá de la configuración sin ninguna indicación y regresará a la pantalla anterior.  
La luz LED verde se enciende. La pantalla muestra el alias de destino.

- 5 Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.

- 6 Suelte el botón **PTT** para escuchar.  
La luz LED verde parpadea cuando responde el radio de destino. En la pantalla, se muestra el ID o el alias del usuario que realiza la transmisión.

- 7  Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder. Presione el botón **PTT** para responder la llamada.

La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado. Se emite un tono. La pantalla muestra **Llamada finalizada**.

---

### 7.5.2.3

## Realización de llamadas privadas mediante la tecla numérica programable

Siga el procedimiento para realizar llamadas privadas en el radio mediante la tecla numérica programable.

- 1 Presione de forma prolongada la tecla numérica programada para el alias o ID predefinidos cuando se encuentre en la pantalla Inicio.
- Si se asigna una tecla numérica a una entrada en un modo particular, esta función no se permite al

realizar la presión prolongada de la tecla numérica en otro modo.

Suena un tono indicador negativo si la tecla numérica no está asociada a una entrada.

---

- 2 Presione el botón **PTT** para realizar la llamada.

La luz LED verde se enciende. La pantalla muestra el ícono de **Llamada privada** situado en la esquina superior derecha. La primera línea de texto muestra el alias de la persona que llama. La segunda línea de texto muestra el estado de la llamada.

---

- 3 Realice uno de los siguientes pasos:

- Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
  -  Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.
- 

- 4 Suelte el botón **PTT** para escuchar.

La luz LED verde parpadea cuando responde el radio de destino. La pantalla muestra el alias del destino.

---

- 5  Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder. Presione el botón **PTT** para responder la llamada.

La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado. Se emite un tono. El radio regresa a la pantalla en la que se encontraba antes de iniciar la llamada.

---

Para obtener más información, consulte [Asignación de entradas a teclas numéricas programables en la página 528](#).

#### 7.5.2.4

### Respuesta a llamadas privadas

Siga el procedimiento para responder llamadas privadas en el radio.

Cuando recibe una llamada privada:

- El LED verde parpadea.
- El ícono **Llamada privada** aparece en la esquina superior derecha.

- En la primera línea de texto se muestra el alias de la persona que llama.
- Se activa el sonido del radio, y la llamada entrante se emite a través del altavoz.

#### 1 Realice uno de los siguientes pasos:

-  Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder. Presione el botón **PTT** para responder la llamada.
-  Si la función Desconexión remota de transmisión está activada, presione el botón **PTT** para detener una llamada en curso que se puede interrumpir y liberar el canal para responder.

La luz LED verde se enciende.

- 
- 2 Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.

- 
- 3 Suelte el botón **PTT** para escuchar.

La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado. Se emite un tono. La pantalla muestra **Llamada finalizada**.

---

### 7.5.3

## Llamadas generales

Una llamada general es una llamada que realiza un radio individual a todos los radios del canal. Una llamada general se utiliza para realizar avisos importantes, que requieren una especial atención por parte del usuario. Los usuarios del canal no pueden responder a una llamada general.

### 7.5.3.1

## Realización de llamadas generales

El radio debe estar programado para poder realizar una llamada general. Siga el procedimiento para realizar llamadas generales en el radio.

- 1 Seleccione un canal con el alias o ID de grupo de llamada general.
- 

- 2 Presione el botón **PTT** para realizar la llamada.

La luz LED verde se enciende. En la pantalla se muestra el ícono de **Llamada grupal** y **Llamada general**.

---

- 3 Realice uno de los siguientes pasos:

- Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
-  Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.

Los usuarios del canal no pueden responder a una llamada general.

---

### 7.5.3.2

## Realización de todas las llamadas con la búsqueda de alias

También puede realizar una búsqueda por alias o alfanumérica para recuperar el alias del suscriptor deseado. Esta característica solo puede aplicarse mientras está en Contactos. Si suelta el botón **PTT** mientras el radio configura la llamada, saldrá de la configuración sin ninguna

indicación y regresará a la pantalla anterior. Si el radio de destino no está disponible, se escucha un tono breve y se ve Unidad no disponible en la pantalla; el radio regresa al menú anterior al inicio de la verificación de presencia de radio. Siga el procedimiento para realizar las llamadas generales en el radio mediante el alias de búsqueda.

**AVISO:**

Presione  el botón o  para salir de la búsqueda de alias. Si suelta el botón **PTT** mientras el radio configura la llamada, saldrá de la configuración sin ninguna indicación y regresará a la pantalla anterior.

1 Presione  para obtener acceso al menú.

2 Presione  o  para acceder a **Contactos**.

Presione  para realizar la selección.  
La pantalla muestra las entradas en orden alfabético.

3 Escriba el primer carácter del alias deseado.  
La pantalla muestra un cursor intermitente.

4 Ingrese el resto de los caracteres del alias deseado.  
La búsqueda de alias distingue entre mayúsculas y minúsculas. Si hay dos o más entradas con el mismo nombre, la pantalla muestra la entrada que aparece primero en la lista.

La primera línea de texto muestra los caracteres que ingresó. Las siguientes líneas de texto muestran los resultados abreviados de la búsqueda.

5 Presione el botón **PTT** para realizar la llamada.  
La luz LED verde se enciende. En la pantalla se muestra la ID de destino, el tipo de llamada y el ícono de **Llamada**.

6 Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.



- 7 Suelte el botón **PTT** para escuchar.

La luz LED verde parpadea cuando responde el radio de destino.

---

- 8  Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder. Presione el botón **PTT** para responder la llamada.

La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado. Se emite un tono. La pantalla muestra *Llamada finalizada*.

---

### 7.5.3.3

## Realización de llamadas generales mediante la tecla numérica programable

Siga el procedimiento para realizar llamadas generales en el radio mediante la tecla numérica programable.

- 1 Presione de forma prolongada la tecla numérica programada asignada al alias o ID predefinidos cuando se encuentre en la pantalla Inicio.

Si se asigna una tecla numérica a una entrada en un modo particular, esta función no se permite al realizar la presión prolongada de la tecla numérica en otro modo.

Suena un tono indicador negativo si la tecla numérica no está asociada a una entrada.

---

- 2 Presione el botón **PTT** para realizar la llamada.

La luz LED verde se enciende. La primera línea de texto muestra el alias del suscriptor. La segunda línea de texto muestra el estado de la llamada.

---

- 3 Realice uno de los siguientes pasos:

- Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
  -  Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.
-

#### 4 Suelte el botón **PTT** para escuchar.

El LED verde se ilumina cuando responde el radio de destino. La pantalla muestra el alias de destino.

- 
- 5  Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder. Presione el botón **PTT** para responder la llamada.

La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado. El radio regresará a la pantalla en la que se encontraba antes de iniciar la llamada.

Consulte [Asignación de entradas a teclas numéricas programables en la página 528](#) para obtener más información.

#### 7.5.3.4

### Recepción de llamadas generales

Cuando recibe una llamada general:

- Se emite un tono.

- El LED verde parpadea.
- La pantalla muestra el ícono de **Llamada de grupo** en la esquina superior derecha.
- La primera línea de texto muestra el ID del alias de la persona que llama.
- La segunda línea de texto muestra `Llamada general`.
- Se activa el sonido del radio, y la llamada entrante se emite a través del altavoz.

El radio vuelve a la pantalla antes de recibir la llamada general cuando finaliza la llamada.

Una llamada general no espera un tiempo predeterminado para finalizar.

-  Si la función de indicación de canal libre está activada, escuchará un breve tono de alerta en el momento en que el radio transmisor suelte el botón **PTT**, lo que indica que el canal está libre para que lo use.

No puede responder a una llamada general.



#### AVISO:

El radio deja de recibir la llamada general, si cambia a un canal diferente mientras recibe la llamada. Durante una llamada general, no puede continuar con ninguna navegación de menú ni edición hasta que finalice la llamada.

### 7.5.4

## Llamadas selectivas

Una llamada selectiva es una llamada que realiza un radio individual a otro radio individual. Se trata de una llamada privada en un sistema analógico.

### 7.5.4.1

## Realización de llamadas selectivas

Se debe programar el radio para poder iniciar una llamada selectiva. Siga el procedimiento para realizar llamadas selectivas en el radio.

- 1 Seleccione el canal con el alias o ID del suscriptor activo.

- 2 Presione el botón **PTT** para realizar la llamada.

La luz LED verde se enciende. En la pantalla se muestra el ícono de **Llamada privada**, el alias del suscriptor y el estado de la llamada.

- 3 Realice uno de los siguientes pasos:

- Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
-  Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.

- 4 Suelte el botón **PTT** para escuchar.

El LED verde se ilumina cuando responde el radio de destino.

- 5  Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder. Presione el botón **PTT** para responder la llamada.

La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado.

- 6 La pantalla muestra **Llamada finalizada**.

## 7.5.4.2

## Respuesta a llamadas selectivas

Siga el procedimiento para responder llamadas selectivas en el radio.

Cuando recibe una llamada selectiva:

- El LED verde parpadea.
- La primera línea de texto muestra el ícono **Llamada privada** y el alias de la persona que llama; o bien, `Llamada selectiva` o `Alerta con llamada`.
- Se activa el sonido del radio, y la llamada entrante se emite a través del altavoz.

1 Presione el botón **PTT** para responder la llamada.  
La luz LED verde se enciende.

2 Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.

3 Suelte el botón **PTT** para escuchar.

La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado. Se emite un tono. La pantalla muestra `Llamada finalizada`.

## 7.5.5

## Llamadas telefónicas

Una llamada telefónica es una llamada que realiza un radio individual a un teléfono.

Si la función de llamada telefónica no está activada en el radio:

- En la pantalla aparece el mensaje `No disponible`.
- El radio silencia la llamada.
- El radio vuelve a la pantalla anterior cuando finaliza la llamada.

Durante una llamada telefónica, el radio intenta finalizarla cuando:

- Presione el botón **Acceso instantáneo** con el código de salida preconfigurado.
- El código de anulación de acceso se ingresa del mismo modo que se ingresan dígitos adicionales.

Durante la transmisión de acceso al canal, de código de acceso o salida o de los dígitos adicionales, el radio

responde solo a los botones o perillas **Encendido/apagado**, **Control de volumen** y **Selector de canales**. Se emitirá un tono para cada entrada que no sea válida.

Durante el acceso al canal, presione  para eliminar el intento de llamada. Se emite un tono.



### AVISO:

El código de acceso, o de anulación de acceso, no puede tener más de 10 caracteres.

Para obtener más información, consulte a su proveedor o administrador del sistema.

#### 7.5.5.1

### Realización de llamadas telefónicas

Siga el procedimiento para realizar llamadas telefónicas en el radio.

- 1 Realice uno de los siguientes pasos:
  - Presione el botón programado **Teléfono** para ingresar a la lista de entradas del teléfono.
  - Presione el botón programado **Acceso instantáneo**. Siga al paso 3.

- 2 Presione  o  para obtener acceso al alias o ID

requeridos. Presione  para realizar la selección.

Si presiona el botón **PTT**, cuando se encuentre en la pantalla Contactos telefónicos:

- Suena un tono indicador negativo.
- La pantalla muestra Pulse OK para realizar llamada telefónica.

La pantalla muestra Código de acceso: si el código de acceso no se configuró previamente.

---

#### 3

Ingresa el código de acceso y presione  para continuar.

El código de acceso, o de anulación de acceso, no puede tener más de 10 caracteres.

- 
- 4 Presione el botón **PTT** para realizar la llamada.

La luz LED verde se enciende. En la pantalla aparece el ícono **Llamada telefónica** en la esquina superior derecha. La primera línea de texto muestra el alias del suscriptor. La segunda línea de texto muestra el estado de la llamada.

Si la llamada se realiza correctamente:

- Suena el tono DTMF.
- Se escucha el tono de marcación del usuario de teléfono.
- La primera línea de texto muestra el alias del suscriptor.
- La pantalla continúa mostrando el ícono **Llamada telefónica** en la esquina superior derecha.

Si la llamada no se realiza correctamente:

- Se emite un tono.
- La pantalla muestra `Llamada telefónica fallida` y, a continuación, `Código de acceso:`.
- Si el código de acceso se configuró previamente en la lista Contactos, el radio vuelve a la pantalla donde estaba antes de iniciar la llamada.

- 
- 5** Presione el botón **PTT** para responder la llamada. Suelte el botón **PTT** para escuchar.
- 

- 6** Ingrese dígitos adicionales con el teclado, si lo

solicita la llamada, y presione  para continuar.

Si la llamada finaliza mientras se están ingresando los dígitos adicionales que solicitó la llamada, el radio vuelve a la pantalla en que estaba antes de iniciar la llamada.

Suena el doble tono de multifrecuencia (DTMF). El radio vuelve a la pantalla anterior.

---

**7**

Presione  para finalizar la llamada.

---

- 8** Realice uno de los siguientes pasos:

- Si el código de salida no se configuró previamente, ingréselo cuando la pantalla muestre `Código de anulación de acceso:` y

presione  para continuar.

El radio regresa a la pantalla anterior.

- Presione el botón programado **Acceso instantáneo**.

Si la entrada para el botón **Acceso instantáneo** está vacía, se emite un tono indicador negativo.

Se emite el tono DTMF y la pantalla muestra  
Finalizando llamada.

Si la llamada finaliza correctamente:

- Se emite un tono.
- La pantalla muestra Llamada finalizada.

Si la llamada no se finaliza correctamente, el radio vuelve a la pantalla LImda. telef. Repita los dos últimos pasos o espere a que el usuario del teléfono finalice la llamada.

### 7.5.5.2

## Realización de llamadas telefónicas mediante la lista de contactos

Siga el procedimiento para realizar llamadas telefónicas en el radio mediante la lista de contactos.

1

Presione  para obtener acceso al menú.

2 Presione  o  para acceder a Contactos.

Presione  para realizar la selección.

La pantalla muestra las entradas en orden alfabético.

3 Presione  o  para obtener acceso al alias o ID

requeridos. Presione  para realizar la selección.

Si presiona el botón **PTT**, cuando se encuentre en la pantalla Contactos telefónicos:

- Suena un tono indicador negativo.
- La pantalla muestra Pulse OK para realizar llamada telefónica.

Si la entrada seleccionada está vacía:

- Suena un tono indicador negativo.
- La pantalla muestra Número de llamada telefónica no válido.

#### 4 Presione ▲ o ▼ para acceder a Llamada

telefónica. Presione  para realizar la selección.

La pantalla muestra Código de acceso: si el código de acceso no se configuró previamente.

#### 5

Ingrese el código de acceso y presione  para continuar.

El código de acceso o de restablecimiento no puede tener más de 10 caracteres.

La primera línea de texto muestra Llamando. La segunda línea de texto muestra el alias o ID del suscriptor y el ícono **Llamada telefónica**.

Si la llamada se realiza correctamente:

- Suena el tono DTMF.
- Escuchará el tono de marcación del usuario de teléfono.
- La primera línea de texto muestra el alias o ID del suscriptor y el ícono **RSSI**.
- La segunda línea de texto muestra Llamada telefónica y el ícono **Llamada telefónica**.

Si la llamada no se realiza correctamente:

- Se emite un tono.
- La pantalla muestra Llamada telefónica fallida y, a continuación, Código de acceso:.
- El radio regresa a la pantalla en la que estaba antes de iniciar la llamada si el código de acceso se configuró previamente en la lista de contactos.

#### 6 Presione el botón **PTT** para responder la llamada.

El ícono **RSSI** desaparece.

#### 7 Suelte el botón **PTT** para escuchar.

#### 8 Ingrese dígitos adicionales con el teclado, si lo

solicita la llamada, y presione  para continuar.

Si la llamada finaliza mientras se están ingresando los dígitos adicionales que solicitó la llamada telefónica, el radio vuelve a la pantalla en la que estaba antes de iniciar la llamada.

Suena el tono DTMF. El radio vuelve a la pantalla anterior.



9

Presione  para finalizar la llamada.

**10** Si el código de salida no se configuró previamente, ingréselo cuando la pantalla muestre Código de

anulación de acceso: y presione  para continuar.

El radio regresa a la pantalla anterior. Se emite el tono DTMF y la pantalla muestra Finalizando llamada.

Si la llamada finaliza correctamente:

- Se emite un tono.
- La pantalla muestra Llamada finalizada.

Si la llamada no se finaliza correctamente, el radio vuelve a la pantalla Llmda. telef. Repita los pasos [paso 9](#) y [paso 10](#), o espere a que el usuario del teléfono finalice la llamada. Cuando presiona el botón **PTT** mientras está en la pantalla Contactos telefónicos, se emitirá un tono y la pantalla mostrará Pulse OK para realizar llamada telefónica.

Cuando el usuario del teléfono finaliza la llamada, se emite un tono y la pantalla muestra Llamada telefónica finalizada.

Si la llamada finaliza mientras se están ingresando los dígitos adicionales que solicitó la llamada telefónica, el radio vuelve a la pantalla en que estaba antes de iniciar la llamada.

### 7.5.5.3

## Realización de llamadas telefónicas mediante la búsqueda de alias

También puede realizar una búsqueda por alias o alfanumérica para recuperar el alias del suscriptor deseado. Esta característica solo puede aplicarse mientras está en Contactos. Si suelta el botón **PTT** mientras el radio configura la llamada, saldrá de la configuración sin ninguna indicación y regresará a la pantalla anterior. Si el radio de destino no está disponible, se escucha un tono breve y se ve Unidad no disponible en la pantalla; el radio regresa al menú anterior al inicio de la verificación de presencia de

radio. Siga el procedimiento para realizar llamadas telefónicas al radio mediante la búsqueda de alias.



### AVISO:

Presione  el botón  para salir de la búsqueda de alias. Si suelta el botón **PTT** mientras el radio configura la llamada, saldrá de la configuración sin ninguna indicación y regresará a la pantalla anterior.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione  o  para acceder a **Contactos**.  
  
Presione  para realizar la selección.  
La pantalla muestra las entradas en orden alfabético.

---

- 3 Escriba el primer carácter del alias deseado.  
La pantalla muestra un cursor intermitente.

---

- 4 Ingrese el resto de los caracteres del alias deseado.

La búsqueda de alias distingue entre mayúsculas y minúsculas. Si hay dos o más entradas con el mismo nombre, la pantalla muestra la entrada que aparece primero en la lista.

La primera línea de texto muestra los caracteres que ingresó. Las siguientes líneas de texto muestran los resultados abreviados de la búsqueda.

- 5 Presione el botón **PTT** para realizar la llamada.  
  
La luz LED verde se enciende. En la pantalla se muestra la ID de destino, el tipo de llamada y el ícono de **Llamada telefónica**.

---

- 6 Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.

---

- 7 Suelte el botón **PTT** para escuchar.  
  
La luz LED verde parpadea cuando responde el radio de destino.

---

- 8  Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el

botón **PTT**, lo que indica que el canal está libre para responder. Presione el botón **PTT** para responder la llamada.

La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado. Se emite un tono. La pantalla muestra **Llamada finalizada**.

### 7.5.5.4

## Realización de llamadas telefónicas mediante la marcación manual

Siga el procedimiento para realizar llamadas telefónicas en el radio mediante la marcación manual.

- 1 Presione  para obtener acceso al menú.
- 2 Presione  o  para acceder a **Contactos**. Presione  para realizar la selección.
- 3 Presione  o  para acceder a **Marcación manual**. Presione  para realizar la selección.

- 4 Presione  o  para **Número telefónico**.

Presione  para realizar la selección.

La pantalla muestra **Número:** y aparece un cursor intermitente.

- 5 Ingrese el número telefónico y presione  para continuar.

La pantalla muestra **Código de acceso:** y un cursor intermitente si el código de acceso no se ha configurado previamente.

- 6 Ingrese el código de acceso y presione  para continuar.

El código de acceso o de restablecimiento no puede tener más de 10 caracteres.

- 7 La luz LED verde se enciende. La pantalla muestra el ícono **Llamada telefónica** en la esquina superior derecha. La primera línea de texto muestra el alias del suscriptor. La segunda línea de texto muestra el estado de la llamada.

Si la llamada se realiza correctamente:

- Suena el tono DTMF.
- Escuchará el tono de marcación del usuario de teléfono.
- La primera línea de texto muestra el alias del suscriptor.
- La pantalla continúa mostrando el ícono **Llamada telefónica** en la esquina superior derecha.

Si la llamada no se realiza correctamente:

- Se emite un tono.
- La pantalla muestra **Llamada telefónica fallida** y, a continuación, **Código de acceso:**.
- El radio regresa a la pantalla en la que se encontraba antes de iniciar la llamada si el código de acceso se configuró previamente en la lista de contactos.

---

**8** Presione el botón **PTT** para responder la llamada.

---

**9** Suelte el botón **PTT** para escuchar.

---

**10** Ingrese dígitos adicionales con el teclado, si lo

solicita la llamada, y presione  para continuar.

Si la llamada finaliza mientras se están ingresando los dígitos adicionales que solicitó la llamada, el radio vuelve a la pantalla en que estaba antes de iniciar la llamada.

Suena el tono DTMF. El radio vuelve a la pantalla anterior.

---

**11**

Presione  para finalizar la llamada.

---

**12** Realice uno de los siguientes pasos:

- Si el código de salida no se configuró previamente, ingréselo cuando la pantalla muestre **Código de anulación de acceso:** y

presione  para continuar.

El radio regresa a la pantalla anterior.

- Presione el botón programado **Acceso instantáneo**.

Si la entrada para el botón **Acceso instantáneo** está vacía, se emite un tono indicador negativo.

Se emite el tono DTMF y la pantalla muestra Finalizando llamada.

Si la llamada finaliza correctamente:

- Se emite un tono.
- La pantalla muestra Llamada finalizada.

Si la llamada no se finaliza correctamente, el radio vuelve a la pantalla Lmda. telef. Repita [paso 11](#) o espere a que el usuario del teléfono finalice la llamada.

#### 7.5.5.5

### Realización de llamadas telefónicas con el botón de teléfono programable

Siga el procedimiento para hacer una llamada telefónica con el botón de teléfono programable.

- 1 Presione el botón programado **Teléfono** para ingresar a la lista de entradas del teléfono.

- 2 Presione  o  para obtener acceso al alias o ID

requeridos. Presione  para realizar la selección. Si el código de acceso no se preconfiguró en la lista Contactos, la pantalla muestra Código de acceso:. Ingrese el código de acceso y presione el

botón  para continuar.

- La luz LED verde se enciende. El ícono de **llamada telefónica** aparece en la esquina superior derecha. La primera línea de texto muestra el alias del suscriptor. La segunda línea de texto muestra el estado de la llamada.
- Si la configuración de llamada se realizó correctamente, suena el doble tono de multifrecuencia (DTMF). Escuchará el tono de marcación del usuario de teléfono. La primera línea de texto muestra el alias El ícono de **llamada telefónica** se mantiene en la esquina superior derecha. La segunda línea de texto muestra el estado de la llamada.
- Si la configuración de la llamada no se realizó correctamente, suena un tono y la pantalla muestra Llamada telefónica fallida. El radio regresa a la pantalla de entrada del código

de acceso. Si el código de acceso se configuró previamente en la lista de contactos, el radio vuelve a la pantalla donde estaba antes de iniciar la llamada.

---

**3** Presione el botón **PTT** para hablar. Suelte el botón **PTT** para escuchar.

---

**4** Para ingresar dígitos adicionales, en caso de que lo solicite la llamada telefónica: Realice uno de los siguientes pasos:

- Presione cualquier tecla para comenzar la entrada de los dígitos adicionales. La primera línea de la pantalla muestra `Dígitos adicionales:`. En la segunda línea de la pantalla se muestra un cursor que parpadea. Ingrese los dígitos adicionales y presione el

botón  para continuar. Suena el doble tono de multifrecuencia (DTMF) y el radio vuelve a la pantalla anterior.

- Presione el botón **Acceso instantáneo**. Suena el doble tono de multifrecuencia (DTMF). Si la

entrada para el botón **Acceso instantáneo** está vacía, se emite un tono indicador negativo.

---

**5**

Presione  para finalizar la llamada. Si el código de salida no se preconfiguró en la lista Contactos, la primera línea de la pantalla muestra `Código de anulación de acceso:`. En la segunda línea de la pantalla se muestra un cursor que parpadea.

Ingrese el código de salida y presione el botón  para continuar.

- Suena el doble tono de multifrecuencia (DTMF) y la pantalla muestra `Finalizando llamada`.
- Si la configuración de finalización de llamada se realiza correctamente, se emite un sonido y en la pantalla se muestra `Llamada finalizada`.
- Si la configuración de finalización de llamada no se realiza correctamente, el radio vuelve a la pantalla de Llamada telefónica. Repita [paso 3](#) y [paso 5](#) o espere a que el usuario del teléfono finalice la llamada.
- Al presionar el botón **PTT** mientras está en la pantalla Contactos telefónicos, se emitirá un tono

y la pantalla mostrará Pulse OK para realizar llmda.

- Cuando el usuario del teléfono finaliza la llamada, se emite un tono y la pantalla muestra Llamada telefónica finalizada.
- Si la llamada finaliza mientras se están ingresando los dígitos adicionales que solicitó la llamada telefónica, el radio vuelve a la pantalla en que estaba antes de iniciar la llamada.



#### AVISO:

Durante el acceso al canal, presione  para que desaparezca el intento de llamada, y se emitirá un tono.

Durante la llamada, si presiona el botón **Acceso instantáneo** con el código de restablecimiento preconfigurado o ingresa el código de restablecimiento durante el ingreso de dígitos adicionales, su radio intentará finalizar la llamada.

## Doble tono de multifrecuencia

La función de doble tono de multifrecuencia (DTMF) permite que el radio funcione en un sistema de radio con una conexión a sistemas telefónicos.

Desactivar todos los tonos de radio y las alertas desactivará automáticamente el tono DTMF.

### 7.5.5.6.1

## Inicio de un tono DTMF

Siga el procedimiento para iniciar un tono DTMF en el radio.

- 1 Mantenga presionado el botón **PTT**.

- 2 Realice uno de los siguientes pasos:

- Ingrese el número deseado para iniciar un tono DTMF.
- Presione  para iniciar un tono DTMF.
- Presione  para iniciar un tono DTMF.

## 7.5.5.7

## Respuesta a llamadas telefónicas como llamadas privadas

Siga el procedimiento para responder llamadas telefónicas como llamadas privadas en el radio.

Cuando recibe una llamada telefónica como una llamada privada:

- La pantalla muestra el ícono **Llamada telefónica** en la esquina superior derecha.
- La pantalla muestra el alias de la persona que llama o Llamada telefónica.

Si la función Llamada telefónica no está activada en el radio, la primera línea de la pantalla muestra **No disponible** y el radio silencia el sonido de la llamada. El radio vuelve a la pantalla anterior cuando finaliza la llamada.

- 1 Presione el botón **PTT** para responder la llamada. Suelte el botón **PTT** para escuchar.

2

Presione  para finalizar la llamada.

La pantalla muestra **Finalizando llamada telefónica**.

Si la llamada finaliza correctamente:

- Se emite un tono.
- La pantalla muestra **Llamada finalizada**.

Si la llamada no se finaliza correctamente, el radio vuelve a la pantalla **Llmda. telef.** Repita este paso o espere a que el usuario del teléfono finalice la llamada.

## 7.5.5.8

## Respuesta a llamadas telefónicas como llamadas de grupo

Siga el procedimiento para responder llamadas telefónicas como llamadas de grupo en el radio.

Cuando recibe una llamada telefónica como una llamada de grupo:

- La pantalla muestra el ícono **Llamada telefónica** en la esquina superior derecha.



- La pantalla muestra el alias de grupo y Llamada telefónica.

Si la función Llamada telefónica no está activada en el radio, la primera línea de la pantalla muestra No disponible y el radio silencia el sonido de la llamada.

- 1 Presione el botón **PTT** para responder la llamada. Suelte el botón **PTT** para escuchar.

- 2 Presione  para finalizar la llamada.

La pantalla muestra Finalizando llamada telefónica.

Si la llamada finaliza correctamente:

- Se emite un tono.
- La pantalla muestra Llamada finalizada.

Si la llamada no se finaliza correctamente, el radio vuelve a la pantalla Llmda. teléf. Repita este paso o espere a que el usuario del teléfono finalice la llamada.

## Respuesta a llamadas telefónicas como llamadas generales

Cuando recibe una llamada telefónica como llamada general, puede responder a la llamada o finalizarla solo si un tipo de llamada general está asignada al canal. Siga el procedimiento para responder llamadas telefónicas como llamadas generales en el radio.

Cuando recibe una llamada telefónica como una llamada general:

- La pantalla muestra el ícono **Llamada telefónica** en la esquina superior derecha.
- La pantalla muestra Llamada general y Llamada telefónica.

Si la función Llamada telefónica no está activada en el radio, la primera línea de la pantalla muestra No disponible y el radio silencia el sonido de la llamada.

El radio vuelve a la pantalla anterior cuando finaliza la llamada.

- 1 Presione el botón **PTT** para responder la llamada.
- 2 Suelte el botón **PTT** para escuchar.

3

Presione  para finalizar la llamada.

La pantalla muestra Finalizando llamada telefónica.

Si la llamada finaliza correctamente:

- Se emite un tono.
- La pantalla muestra Llamada general y Llamada finalizada.

Si la llamada no se finaliza correctamente, el radio vuelve a la pantalla Llmda. teléf. Repita [paso 3](#) o espere a que el usuario del teléfono finalice la llamada.

- Realice una transmisión de datos.
- Presione el botón programado **Desactivación remota de interrupción de TX.**

En el radio receptor, se muestra Llamada interrumpida.

### 7.5.7

## Transmitir llamadas de voz

Una transmisión de llamadas de voz es una llamada de voz de una vía de cualquier usuario a un grupo de conversación entero.

La función Transmitir llamada de voz permite que solo el usuario que inicia la llamada transmita al grupo de conversación, mientras que los destinatarios de la llamada no pueden responder (sin tiempo de desconexión de la llamada).

El radio debe estar programado para poder utilizar esta función. Para obtener más información, consulte a su proveedor o administrador del sistema.

### 7.5.6

## Inicio de la interrupción de transmisión

An ongoing call is interrupted, when you perform the following actions:

- Presione el botón **PTT de voz.**
- Presione el botón de **emergencia.**

### 7.5.7.1

## Cómo realizar transmisiones de llamadas de voz

Programa el radio para realizar transmisiones de llamadas de voz.

- 1 Seleccione un canal con el alias o ID de grupo activo.
- 2 Realice uno de los siguientes pasos:
  - Seleccione un canal con el alias o ID de grupo activo.
  - Presione el botón programado **Acceso instantáneo**.

- 3 Presione el botón **PTT** para realizar la llamada.  
La luz LED verde se enciende. En la pantalla aparece **Llamada de difusión**, el ícono de **Llamada de grupo** y el alias. En la pantalla, aparece el ícono de **Llamada de grupo** y el alias.

- 4 Realice uno de los siguientes pasos:

- Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
- Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.



### AVISO:

Los usuarios del canal no pueden responder a transmisiones de llamadas de voz.

El radio vuelve al menú anterior después de finalizada la llamada.

### 7.5.7.2

## Realización de transmisiones de llamadas de voz mediante la tecla numérica programable

Siga el procedimiento para realizar transmisiones de llamadas de voz en el radio mediante la tecla numérica programable.

- 1 En la pantalla de **Inicio**, realice una presión prolongada de la tecla numérica programada asignada al alias o al ID predefinidos.

Si se asigna una tecla numérica a una entrada en un modo particular, esta función no se permite al realizar la presión prolongada de la tecla numérica en otro modo.

Si la tecla numérica no está asociada a una entrada, se escucha un tono indicador negativo.

---

**2** Presione el botón **PTT** para realizar la llamada.

La luz LED verde se enciende. La primera línea de texto muestra el alias del suscriptor. La segunda línea de texto muestra el estado de la llamada.

---

**3** Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.

Los usuarios del canal no pueden responder a una transmisión de llamada de voz.

El radio vuelve al menú anterior después de finalizada la llamada.

Consulte [Asignación de entradas a teclas numéricas programables en la página 528](#) para obtener más información.

### 7.5.7.3

## Realización de transmisiones de llamadas de voz mediante la búsqueda de alias

También puede realizar una búsqueda por alias o alfanumérica para recuperar el alias del suscriptor requerido. Puede recuperar alias del suscriptor de esta manera solo desde Contactos. Si suelta el botón PTT mientras se configura la llamada, esta saldrá de la configuración sin indicación y volverá a la pantalla anterior. Si el radio de destino no está disponible, se escucha un tono breve y se ve *Unidad no disponible* en la pantalla; el radio regresará al menú anterior al inicio de la verificación de presencia de radio.



### AVISO:

Presione  el botón o  para salir de la búsqueda de alias. Si suelta el botón **PTT** mientras el radio configura la llamada, saldrá de la configuración sin ninguna indicación y regresará a la pantalla anterior.

**1**

Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para acceder a **Contactos**.

Presione  para realizar la selección.

La pantalla muestra las entradas en orden alfabético.

---

- 3 Escriba el primer carácter del alias deseado.

La pantalla muestra un cursor intermitente.

---

- 4 Ingrese el resto de los caracteres del alias deseado.

La búsqueda de alias distingue entre mayúsculas y minúsculas. Si hay dos o más entradas con el mismo nombre, la pantalla muestra la entrada que aparece primero en la lista.

La primera línea de texto muestra los caracteres que ingresó. Las siguientes líneas de texto muestran los resultados abreviados de la búsqueda.

---

- 5 Presione el botón **PTT** para realizar la llamada.

La luz LED verde se enciende. En la pantalla, se muestra el ID de destino, el tipo de llamada y el ícono **Llamar**.

---

- 6 Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.

Los usuarios del canal no pueden responder a una transmisión de llamada de voz.

El radio vuelve al menú anterior después de finalizada la llamada.

---

### 7.5.7.4

## Recepción de transmisiones de llamadas de voz

Cuando recibe una transmisión de llamada de voz:

- Se emite un tono.
- El LED verde parpadea.
- La pantalla muestra el ícono de **Llamada de grupo** en la esquina superior derecha.
- La primera línea de texto muestra el ID del alias de la persona que llama.
- En la segunda línea de texto aparece el mensaje **Llamada de difusión**.

- Se activa el sonido del radio, y la llamada entrante se emite a través del altavoz.

Al finalizar la llamada, el radio vuelve a la pantalla anterior.

Una transmisión de llamada de voz no espera un tiempo predeterminado para finalizar.

No puede responder a una transmisión de llamada de voz.



#### **AVISO:**

El radio deja de recibir la transmisión de llamada de voz si se pasa a un canal diferente mientras se recibe la llamada. No puede continuar con la navegación del menú o edición hasta que finalice la transmisión de llamada de voz.

### 7.5.8

## Llamadas sin destinatario

Una llamada sin destinatario es una llamada de grupo a uno de los 16 ID de grupo predefinidos.

Esta función se configura con el CPS-RM. Para iniciar o recibir una llamada sin destinatario se debe contar con un contacto para uno de los ID predefinidos. Para obtener más información, consulte a su proveedor o administrador del sistema.

### 7.5.8.1

## Realización de llamadas sin destinatario

- 1 Seleccione un canal con el alias o ID de grupo activo.
- 2 Realice uno de los siguientes pasos:
  - Seleccione un canal con el alias o ID de grupo activo.
  - Presione el botón programado **Acceso instantáneo**.
- 3 Presione el botón **PTT** para realizar la llamada.  
La luz LED verde se enciende. En la línea de texto, se muestra *Llamada sin destinatario*, el ícono de **Llamada de grupo** y el alias.
- 4 Realice uno de los siguientes pasos:
  - Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.

- Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.

### 5 Suelte el botón **PTT** para escuchar.

El LED verde se ilumina cuando responde el radio de destino. Se emite un tono momentáneo. En la pantalla, se muestra *Llam. sin dir.*, el ícono de **Llamada grupal** y el alias o ID, así como el alias o ID del radio transmisor.

### 6 Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder. Presione el botón **PTT** para responder la llamada.

La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado.

El iniciador de la llamada puede presionar  para finalizar una llamada de grupo.

- El LED verde parpadea.
- Se emite un tono momentáneo.
- En la línea de texto, se muestra *Llamada sin destinatario*, el alias de la persona que llama y el alias de la llamada de grupo.
- Se activa el sonido del radio, y la llamada entrante se emite a través del altavoz.

### 1 Realice uno de los siguientes pasos:

- Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder. Presione el botón **PTT** para responder la llamada.
- Si la función Interrumpir voz está activada, presione el botón **PTT** para detener el audio del radio transmisor y liberar el canal para responder.

La luz LED verde se enciende.

### 2 Realice uno de los siguientes pasos:

## 7.5.8.2

## Respuesta a llamadas sin destinatario

Cuando recibe una llamada sin destinatario:

- Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
- Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.

---

### 3 Suelte el botón **PTT** para escuchar.

La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado.

---

#### 7.5.9

## Abra el modo de canal de voz (OVCM)

Un modo de canal de voz (OVCM) permite usar un radio no preconfigurado en un sistema en particular para recibir y transmitir información durante una llamada de grupo o individual.

Una llamada de grupo OVCM también admite llamadas de difusión. Programe el radio para usar esta función. Para obtener más información, consulte a su proveedor o administrador del sistema.

#### 7.5.9.1

## Realización de llamadas OVCM

El radio debe estar programado para poder realizar una llamada OVCM. Siga el procedimiento para realizar llamadas OVCM en el radio.

---

### 1 Seleccione un canal con el alias o ID de grupo activo.

---

### 2 Realice uno de los siguientes pasos:

- Seleccione un canal con el alias o ID de grupo activo.
  - Presione el botón programado **Acceso instantáneo**.
- 

### 3 Presione el botón **PTT** para realizar la llamada.

La luz LED verde se enciende.

En la línea de texto aparece el ícono de tipo de llamada, **OVCM** y el alias, que indica que el radio entró en el estado OVCM.

---

### 4 Realice uno de los siguientes pasos:



- Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
  - Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.
- 

### 7.5.9.2

## Respuesta a llamadas OVCM

Cuando recibe una llamada OVCM:

- El LED verde parpadea.
- En la línea de texto aparece el ícono del tipo de llamada, OVCM y el alias.
- Se activa el sonido del radio, y la llamada entrante se emite a través del altavoz.



### AVISO:

Los destinatarios no pueden responder durante una llamada de broadcast. La pantalla muestra **Prohibido responder**. Si el botón **PTT** se presiona durante una llamada de difusión, suena el tono de prohibición de respuesta por un momento.

- 1 Realice uno de los siguientes pasos:

- Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder. Presione el botón **PTT** para responder la llamada.
- Si la función Interrumpir voz está activada, presione el botón **PTT** para detener el audio del radio transmisor y liberar el canal para responder.

La luz LED verde se enciende.

- 
- 2 Realice uno de los siguientes pasos:

- Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
  - Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.
- 

- 3 Suelte el botón **PTT** para escuchar.

La llamada finaliza cuando no hay ninguna actividad de voz durante un período determinado.

---

## 7.6

## Facilidades avanzadas

En este capítulo, se explican las operaciones de las funciones disponibles en el radio.

Es posible que el distribuidor o administrador del sistema haya personalizado el radio para que se adapte a sus necesidades específicas. Para obtener más información, consulte a su proveedor o administrador del sistema.

## 7.6.1

### misión crítica

Esta función le permite usar el radio con un dispositivo (accesorio) compatible con Bluetooth mediante una conexión de Bluetooth. El radio es compatible tanto con dispositivos Motorola Solutions como con COTS (Artículos estándar disponibles en comercios) compatibles con Bluetooth.

La tecnología Bluetooth funciona dentro de un rango de 10 m (32 pies) desde la línea de visión. Es una ruta sin obstrucciones entre el radio y el dispositivo compatible con Bluetooth. Para un alto grado de confiabilidad,

Motorola Solutions recomienda no separar el radio y el accesorio.

En las áreas con señal débil de recepción, tanto la calidad de la voz como la del tono comienzan a sonar “distorsionadas” o “interrumpidas”. Para corregir este problema, ubique el radio y el dispositivo compatible con Bluetooth a una distancia menor entre sí (dentro del rango definido de 10 m) para restablecer la recepción clara de audio. La función Bluetooth del radio tiene una potencia máxima de 2,5 mW (4 dBm) en el rango de 10 m.

Su radio permite hasta 3 conexiones Bluetooth simultáneas a dispositivos compatibles con Bluetooth de tipos exclusivos. Por ejemplo, un auricular, un lector, un dispositivo sensor y un dispositivo solo para PTT (POD).

Consulte el manual del usuario del dispositivo habilitado para Bluetooth correspondiente si desea obtener más información sobre todas las funciones del dispositivo compatible con Bluetooth.

El radio se conecta al dispositivo compatible con Bluetooth con la potencia de señal más elevada o a uno al que se conectó anteriormente en una sesión previa dentro del rango. No apague el dispositivo compatible con Bluetooth

ni presione el botón de inicio  durante la operación de búsqueda y conexión, ya que esto cancela la operación.

## 7.6.1.1

## Activación o desactivación de Bluetooth

Siga el procedimiento para activar y desactivar Bluetooth.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Bluetooth. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para ir a Mi estado. Presione  para realizar la selección.  
La pantalla muestra Encendido y Apagado. El estado actual se indica mediante un ✓.

---

- 4 Realice uno de los siguientes pasos:
  - Presione ▲ o ▼ para obtener acceso a Enc.
 Presione  para realizar la selección. En la pantalla se muestra ✓ junto a Encendido.

- Presione ▲ o ▼ para Apag.. Presione  para realizar la selección. En la pantalla se muestra ✓ junto a Apagado.

## 7.6.1.2

## Conexión a dispositivos Bluetooth

Siga el procedimiento para conectar dispositivos Bluetooth.

Encienda el dispositivo compatible con Bluetooth e ingrese al modo de emparejamiento.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para Bluetooth. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para Dispositivos. Presione  para realizar la selección.

---

- 4 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para acceder al dispositivo

requerido. Presione  para realizar la selección.

- Presione ▲ o ▼ para acceder a *Buscar dispositivos* y localizar dispositivos disponibles. Presione ▲ o ▼ para acceder al

dispositivo requerido. Presione  para realizar la selección.

5

Presione ▲ o ▼ para *Conectar*. Presione  para realizar la selección.

Es posible que el dispositivo compatible con Bluetooth requiera pasos adicionales para completar el emparejamiento. Consulte el manual de usuario correspondiente a su dispositivo con Bluetooth.

En la pantalla se muestra *Conectando a <Dispositivo>*.

Espere a que aparezca una confirmación.  
Si se realizó correctamente:

- Suena un tono indicador positivo.

- En la pantalla se muestra *<Dispositivo> Conectado* y el ícono **Bluetooth conectado**.

- La pantalla muestra ✔ junto al dispositivo conectado.

Si no se realiza correctamente:

- Suena un tono indicador negativo.
- La pantalla muestra *Error de conexión*.

### 7.6.1.3

## Conexión a dispositivos Bluetooth en el modo de detección

Siga el procedimiento para conectarse a dispositivos Bluetooth en el modo de detección.

Encienda el dispositivo compatible con Bluetooth e ingrese al modo de emparejamiento.

1

Presione  para obtener acceso al menú.

2

Presione ▲ o ▼ para *Bluetooth*. Presione  para realizar la selección.

3 Presione ▲ o ▼ para Encontrarme. Presione



para realizar la selección. Ahora el radio puede ser detectado por otros dispositivos compatibles con Bluetooth para una duración programada. Esto se denomina Modo visible.

Espere a que aparezca una confirmación.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- En la pantalla se muestra <Dispositivo> Conectado y el ícono **Bluetooth conectado**.
- La pantalla muestra ✓ junto al dispositivo conectado.

Si no se realiza correctamente:

- Suena un tono indicador negativo.
- La pantalla muestra Error de conexión.

### 7.6.1.4

## Desconexión de dispositivos Bluetooth

Siga el procedimiento para desconectarse de dispositivos Bluetooth.

1

Presione

para obtener acceso al menú.

2

Presione ▲ o ▼ para Bluetooth. Presione

para realizar la selección.

3

Presione ▲ o ▼ para Dispositivos. Presione



para realizar la selección.

4

Presione ▲ o ▼ para acceder al dispositivo

requerido. Presione

para realizar la selección.

5

Presione ▲ o ▼ para Desconectar. Presione



para realizar la selección.

En la pantalla se muestra Desconexión de <Dispositivo>.

Espere a que aparezca una confirmación.

- Se emite un tono.

- En la pantalla se muestra <Dispositivo> desconectado y aparece el ícono **Bluetooth conectado**.
- ✓ desaparece de al lado de dispositivo conectado.

## 7.6.1.5

## Cambio de ruta de audio entre el altavoz interno del radio y el dispositivo Bluetooth

Siga el procedimiento para cambiar la ruta de audio entre el altavoz interno del radio y el dispositivo Bluetooth externo.

Presione el botón programado **Switch de audio Bluetooth**.

La pantalla muestra uno de los siguientes resultados:

- Se emite un tono. En la pantalla se muestra Enrutar audio a radio.
- Se emite un tono. En la pantalla se muestra Enrutar audio a Bluetooth.

## 7.6.1.6

## Visualización de detalles de dispositivos

Siga el procedimiento para ver los detalles del dispositivo en el radio.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para Bluetooth. Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para Dispositivos. Presione  para realizar la selección.
- 4 Presione ▲ o ▼ para acceder al dispositivo requerido. Presione  para realizar la selección.
- 5 Presione ▲ o ▼ para acceder a Ver detalles. Presione  para realizar la selección.

### 7.6.1.7

## Edición del nombre de dispositivos

Siga el procedimiento para editar el nombre de los dispositivos habilitados para Bluetooth disponibles.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para Bluetooth. Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para Dispositivos. Presione  para realizar la selección.
- 4 Presione ▲ o ▼ para acceder al dispositivo requerido. Presione  para realizar la selección.
- 5 Presione ▲ o ▼ para acceder a Editar nombre. Presione  para realizar la selección.

- 6 Introduzca un nuevo nombre de dispositivo.

Presione  para realizar la selección.

La pantalla muestra Nombre del dispositivo guardado.

### 7.6.1.8

## Eliminación de un nombre de dispositivo

Puede quitar un dispositivo desconectado de la lista de dispositivos habilitados con Bluetooth.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para Bluetooth. Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para Dispositivos. Presione  para realizar la selección.

4 Presione ▲ o ▼ para acceder al dispositivo requerido. Presione  para realizar la selección.

---

5 Presione ▲ o ▼ para Borrar. Presione  para realizar la selección. La pantalla muestra Dispositivo eliminado.

---

#### 7.6.1.9

### Ganancia de micrófono de Bluetooth

Esta función permite al usuario controlar el valor de la ganancia del micrófono del dispositivo compatible con Bluetooth conectado.

1 Presione  para obtener acceso al menú.

---

2 Presione ▲ o ▼ para Bluetooth. Presione  para realizar la selección.

---

3 Presione ▲ o ▼ para Ganancia de micrófono BT. Presione  para realizar la selección.

---

4 Presione ▲ o ▼ para el tipo de ganancia de micrófono BT y los valores actuales. Presione  para realizar la selección. Puede editar los valores aquí.

---

5 Presione ▲ o ▼ para aumentar o disminuir los valores. Presione  para realizar la selección.

---

#### 7.6.1.10

### Modo de detección de Bluetooth permanente

El distribuidor o el administrador del sistema deben activar el modo de detección de Bluetooth permanente.



#### AVISO:

Si está activado, el elemento de Bluetooth **no** se muestra en el menú y no se puede utilizar ninguna función del botón programable Bluetooth.



Otros dispositivos compatibles con Bluetooth puede localizar el radio, pero los dispositivos no se puede conectar al radio. El modo de detección de Bluetooth permanente permite a los dispositivos dedicados usar la posición del radio en el proceso de ubicación basada en Bluetooth.

### 7.6.2

## Ubicación en áreas interiores



### AVISO:

La función de localización en áreas interiores se aplica a los modelos con la última versión de software y hardware. Para obtener más información, consulte a su proveedor o administrador del sistema.

La función Ubicación en áreas interiores se utiliza para realizar un seguimiento de la ubicación de los usuarios del radio. Cuando la función de localización en áreas interiores está activada, el radio se encuentra en el modo de detección limitado. Las señales periódicas específicas se utilizan para localizar el radio y determinar su posición.

### 7.6.2.1

## Activación o desactivación de la opción Localización en áreas interiores

Puede activar o desactivar la opción Localización en áreas interiores haciendo una de las siguientes acciones.

- Acceda a esta función a través del menú.

- a. Presione  para acceder al menú.
- b. Presione  o  para Bluetooth y presione  para seleccionar.
- c. Presione  o  para Ubicación en áreas interiores y presione  para seleccionar.
- d. Presione  para activar la opción Ubicación en áreas interiores.

La pantalla muestra Ubicación en áreas interiores activada. Escuchará un tono indicador positivo. Ocurred una de las siguientes situaciones.

- Si se realiza correctamente, aparece el ícono de Localización en áreas interiores disponible en la pantalla Inicio.
- Si no se realiza correctamente, la pantalla muestra Error de activación. Escuchará un tono indicador negativo.

- e. Presione  para desactivar la opción Ubicación en áreas interiores.

La pantalla muestra Ubicación en áreas interiores desactivada. Escuchará un tono indicador positivo.

Ocurrirá una de las siguientes situaciones.

- Si se realiza correctamente, el ícono de Localización en áreas interiores disponible en la pantalla Inicio desaparece.
- Si no realiza correctamente, la pantalla muestra Error de desactivación. Escuchará un tono indicador negativo.

- Acceda a esta función a través del botón programado.

- a. Presionado prolongadamente el botón programado **Ubicación en áreas interiores** para activar la opción Ubicación en áreas interiores.

La pantalla muestra Ubicación en áreas interiores activada. Escuchará un tono indicador positivo.

Ocurrirá una de las siguientes situaciones.

- Si se realiza correctamente, aparece el ícono de Localización en áreas interiores disponible en la pantalla Inicio.
- Si no se realiza correctamente, la pantalla muestra Error de activación. Si no se realizó correctamente, escuchará un tono indicador negativo.

- b. Presione el botón programado **Ubicación en áreas interiores** para desactivar la opción Ubicación en áreas interiores.

La pantalla muestra Ubicación en áreas interiores desactivada. Escuchará un tono indicador positivo.

Ocurrirá una de las siguientes situaciones.

- Si se realiza correctamente, el ícono de Localización en áreas interiores disponible en la pantalla Inicio desaparece.
- Si no realiza correctamente, la pantalla muestra Error de desactivación. Si no se realizó correctamente, escuchará un tono indicador negativo.

### 7.6.2.2

## Acceso a la información sobre las señales periódicas de localización en áreas interiores

Siga el procedimiento para acceder a la información de las señales periódicas de ubicación en áreas interiores.

- 1 Presione  para acceder al menú.
- 2 Presione ▲ o ▼ para Bluetooth y presione  para seleccionar.

- 3 Presione ▲ o ▼ para Ubicación en áreas interiores y presione  para seleccionar.

- 4 Presione ▲ o ▼ para Señ. periód. y presione  para seleccionar.

Aparece en la pantalla la información de la señal periódica.

### 7.6.3

## Fichas de trabajo

Esta función permite que el radio reciba mensajes del despachador que enumeran las tareas que se deben llevar a cabo.



### AVISO:

Esta función se puede personalizar a través del Software de programación para el cliente (CPS) según los requisitos del usuario. Para obtener más información, consulte a su proveedor o administrador del sistema.

Hay dos carpetas que contienen diferentes fichas de trabajo:

**Carpeta Mis tareas**

Fichas de trabajo personalizadas y asignadas al ID de usuario ingresado.

**Carpeta Tareas compartidas**

Fichas de trabajo compartidas y asignadas a un grupo de personas.

Puede responder a fichas de trabajo para organizarlas en carpetas de fichas de trabajo. De forma predeterminada, las carpetas son **Todo**, **Nuevo**, **Iniciado** y **Finalizado**.

Las fichas de trabajos se retienen incluso después de apagar y volver a encender el radio.

Todas las fichas de trabajo se ubican en la carpeta **Todo**. Según la programación del radio, las fichas de trabajo se ordenan de acuerdo al nivel de prioridad, seguido por la hora de recepción. Primero se muestran las fichas de trabajo nuevas, las fichas de trabajo con modificaciones recientes en el estado y las fichas de trabajo con la prioridad más alta.

Al llegar al número máximo de fichas de trabajo, la siguiente ficha de trabajo reemplaza automáticamente a la última ficha de trabajo del radio. El radio admite un máximo de 100 o 500 fichas de trabajo, según el modelo del radio. Para obtener más información, consulte a su proveedor o administrador del sistema. El radio detecta y descarta

automáticamente las fichas de trabajo duplicadas que tengan el mismo ID.

Según la importancia de las fichas de trabajo, el despachador les añade un nivel de prioridad. Existen tres niveles de prioridad: Prioridad 1, prioridad 2 y prioridad 3. La prioridad 1 tiene la prioridad más alta y la prioridad 3 tiene la prioridad más baja. También hay fichas de trabajo sin prioridad.

El radio se actualiza como corresponde cuando el despachador hace los siguientes cambios:

- Modifica el contenido de las fichas de trabajo.
- Añade o edita el nivel de prioridad de las fichas de trabajo.
- Mueve las fichas de trabajo de una carpeta a otra.
- Cancela fichas de trabajo.

**7.6.3.1****Acceso a la carpeta de fichas de trabajos**

Siga el procedimiento para acceder a la carpeta Fichas de trabajo.

- 1 Realice uno de los siguientes pasos:
  - Presione el botón programado **Ficha de trabajo**. Continúe con [paso 3](#).
  - Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para Fichas de trabajo.  
Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para la carpeta requerida.  
Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para acceder a la ficha de trabajo requerida. Presione  para realizar la selección.

### 7.6.3.2

## Inicio o cierre de sesión en el servidor remoto

Esta función le permite iniciar y cerrar sesión en el servidor remoto mediante el uso del ID de usuario.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para Iniciar sesión. Presione  para realizar la selección.  
  
Si ha iniciado sesión, aparece el menú Cerrar sesión.  
  
La pantalla muestra un miniaviso de transición que indica que la solicitud está en curso.

---

- 3 Espere una confirmación.  
  
Si se realizó correctamente:
  - Suena un tono indicador positivo.
  - La pantalla muestra un miniaviso positivo.  
Si no se realiza correctamente:
  - Suena un tono indicador negativo.

- La pantalla muestra un miniaviso negativo.

## 7.6.3.3

## Creación de fichas de trabajo

El radio puede crear fichas de trabajo, que se basan en una plantilla de ficha de trabajo y enviar tareas que deben realizarse.

Se requiere un software de programación del CPS para configurar la plantilla de ficha de trabajo.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para Fichas de trabajo.  
Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para Crear ficha. Presione  para realizar la selección.

## 7.6.3.4

## Envío de las fichas de trabajo con una plantilla de ficha de trabajo

Si el radio está configurado con una plantilla de ficha de trabajo, haga lo siguiente para enviar la ficha de trabajo.

- 1 Utilice el teclado para introducir el número de habitación requerido. Presione  para realizar la selección.
- 2 Presione ▲ o ▼ para Estado de sala. Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para la opción requerida.  
Presione  para realizar la selección.
- 4 Presione ▲ o ▼ para Enviar. Presione  para realizar la selección.  
La pantalla muestra un miniaviso de transición que indica que la solicitud está en curso.

### 5 Espere una confirmación.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- La pantalla muestra un miniaviso positivo.

Si no se realiza correctamente:

- Suena un tono indicador negativo.
  - La pantalla muestra un miniaviso negativo.
- 

#### 7.6.3.5

### Envío de las fichas de trabajo con más de una plantilla de ficha de trabajo

Si el radio está configurado con más de una plantilla de ficha de trabajo, haga lo siguiente para enviar las fichas de trabajo.

#### 1 Presione ▲ o ▼ para la opción requerida.

Presione  para realizar la selección.

---

#### 2

Presione ▲ o ▼ para Enviar. Presione  para realizar la selección.

La pantalla muestra un miniaviso de transición que indica que la solicitud está en curso.

---

#### 3 Espere una confirmación.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- La pantalla muestra un miniaviso positivo.

Si no se realiza correctamente:

- Suena un tono indicador negativo.
  - La pantalla muestra un miniaviso negativo.
- 

#### 7.6.3.6

### Respuesta a las fichas de trabajo

Siga el procedimiento para responder a las fichas de trabajo en el radio.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para Fichas de trabajo.  
Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para la carpeta requerida.  
Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para la ficha de trabajo requerida. Presione  para realizar la selección.

---

- 5 Presione  otra vez para acceder al submenú.  
También puede presionar la tecla numérica correspondiente (1-9) hasta **Respuesta rápida**.

---

- 6 Presione ▲ o ▼ para la ficha de trabajo requerida. Presione  para realizar la selección.  
La pantalla muestra un miniaviso de transición que indica que la solicitud está en curso.

---

- 7 Espere una confirmación.  
Si se realizó correctamente:
  - Suena un tono indicador positivo.
  - La pantalla muestra un miniaviso positivo.
 Si no se realiza correctamente:
  - Suena un tono indicador negativo.
  - La pantalla muestra un miniaviso negativo.

---

#### 7.6.3.7

### Eliminación de las fichas de trabajo

Siga el procedimiento para eliminar las fichas de trabajo del radio.

- 1 Realice uno de los siguientes pasos:



- Presione el botón programado **Ficha de trabajo**. Continúe con [paso 4](#).

- Presione  para obtener acceso al menú.

2 Presione ▲ o ▼ para Fichas de trabajo.

Presione  para realizar la selección.

3 Presione ▲ o ▼ para la carpeta requerida.

Presione  para realizar la selección.

4 Presione ▲ o ▼ para la carpeta Todo. Presione

 para realizar la selección.

5 Presione ▲ o ▼ para la ficha de trabajo

requerida. Presione  para realizar la selección.

6 Presione  nuevamente mientras visualiza la ficha de trabajo.

7

Presione ▲ o ▼ para Eliminar. Presione  para realizar la selección.

La pantalla muestra un miniaviso de transición que indica que la solicitud está en curso.

8 Espere una confirmación.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- La pantalla muestra un miniaviso positivo.

Si no se realiza correctamente:

- Suena un tono indicador negativo.
- La pantalla muestra un miniaviso negativo.

### 7.6.3.8

## Eliminación de todas las Fichas de trabajo

Siga el procedimiento para eliminar todas las fichas de trabajo del radio.

1 Realice uno de los siguientes pasos:

- Presione el botón programado **Ficha de trabajo**. Continúe con [paso 3](#).

- Presione  para obtener acceso al menú.

2 Presione ▲ o ▼ para Fichas de trabajo.

- Presione  para realizar la selección.

3 Presione ▲ o ▼ para la carpeta requerida.

- Presione  para realizar la selección.

4 Presione ▲ o ▼ para la carpeta Todo. Presione

-  para realizar la selección.

5 Presione ▲ o ▼ para Eliminar todo. Presione

-  para realizar la selección.

6 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para acceder a Sí. Presione

 para realizar la selección.

La pantalla muestra un miniaviso positivo.

- Presione ▲ o ▼ para No. Presione  para realizar la selección.

El radio regresa a la pantalla anterior.

#### 7.6.4

### Control de varios sitios



El radio puede buscar sitios y cambiar entre estos cuando la señal es débil o cuando no se detecta ninguna señal del sitio actual.

Cuando la señal es fuerte, el radio permanece en el sitio actual.

Esta configuración se aplica cuando el canal de radio actual es parte de una conexión del sitio IP o una configuración Capacity Plus – Multisitio.

Su radio puede realizar una de las siguientes búsquedas de sitio:

- Búsqueda automática de sitios
- Búsqueda manual de sitios

Si el canal actual es un canal de varios sitios con una lista de roaming adjunta, está fuera del rango y se desbloquea el sitio, el radio también realiza una búsqueda automática de sitios.

### 7.6.4.1

## Habilitación de la búsqueda manual del sitio

- 1 Realice una de las siguientes acciones:
  - Presione el botón programado **Itinerancia manual del sitio**. Omita los pasos siguientes.

- Presione  para acceder al menú.

- 2 Presione  o  para ir a Utilidades. Presione  para realizar la selección.

- 3 Presione  o  para ir a Configuración del radio. Presione  para realizar la selección.

- 4 Presione  o  para ir a Roaming de sitio. Presione  para realizar la selección.

- 5 Presione  o  para ir a Búsqueda activa. Presione  para realizar la selección.

Se emite un tono. El LED verde parpadea. La pantalla muestra `Buscando sitio`.

Si el radio encuentra un sitio nuevo, se mostrarán las siguientes indicaciones:

- Se emite un tono positivo.
- El LED se apaga.
- La pantalla muestra `<Alias>` del sitio localizado.

Si el radio no encuentra un nuevo sitio, se mostrarán las siguientes indicaciones:

- Suena un tono negativo.
- El LED se apaga.

- La pantalla muestra **Fuera de alcance**.

Si se encuentra un sitio nuevo dentro del rango, pero el radio no puede conectarse a ese sitio, se mostrarán las siguientes indicaciones:

- Suena un tono negativo.
- El LED se apaga.
- La pantalla muestra **Canal ocupado**.

#### 7.6.4.2

### Activar/desactivar bloqueo del sitio

Cuando está activado, el radio solo busca en el sitio actual. Si se desactiva, busca en otros sitios además del sitio actual.

Presione el botón programado **Bloqueo del sitio**.

Si la función **Bloqueo del sitio** está activada:

- Se oye un tono indicador positivo, que indica que el radio está bloqueado en el sitio actual.
- La pantalla muestra **Sitio bloqueado**.

Si la función **Bloqueo del sitio** está desactivada:

- Se oye un tono indicador negativo, que indica que el radio está desbloqueado.
- La pantalla muestra **Sitio desbloqueado**.

#### 7.6.5

### Configuración de entrada de texto

El radio le permite configurar otro texto.

Puede configurar los siguientes ajustes de introducción de texto en el radio:

- Predicción de palabras
- Corrección de palabras
- Mayúscula al inicio de la oración
- Mis palabras

Su radio es compatible con los siguientes métodos de entrada de texto:

- Números
- Símbolos
- Predictivo o de pulsaciones múltiples

- Idioma (si está programado)



### AVISO:

Presione  en cualquier momento para volver a la pantalla anterior o mantenga presionado  para volver a la pantalla de inicio. El radio sale de la pantalla actual una vez que transcurre el tiempo de inactividad.

#### 7.6.5.1

### Predicción de palabras

El radio puede aprender secuencias de palabras comunes que se ingresan a menudo. En ese caso, predice la siguiente palabra que el usuario podría utilizar después de haber escrito en el editor de texto la primera palabra de una secuencia común.

- 1 Presione  para obtener acceso al menú.
- 2 Presione  o  para ir a Utilidades. Presione  para realizar la selección.

- 3 Presione  o  para ir a Configuración del radio. Presione  para realizar la selección.

- 4 Presione  o  para Entrada texto. Presione  para realizar la selección.

- 5 Presione  o  para Predicción de palabras. Presione  para realizar la selección.

- 6 Realice uno de los siguientes pasos:

- Presione  para activar la Predicción de palabras. Si está activado,  aparece al lado de Activado.
- Presione  para desactivar el Control de distorsión dinámico del micrófono. Si está desactivado,  desaparece de al lado de Activado.

## 7.6.5.2

## Mayúscula al inicio de la oración

Esta función se usa para habilitar automáticamente las mayúsculas en la primera letra de la primera palabra de cada nueva oración.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para acceder a Entrada de texto. Presione  para realizar la selección.

---

- 5 Presione ▲ o ▼ para Frase mayús.. Presione  para realizar la selección.

---

- 6 Realice uno de los siguientes pasos:

- Presione  para activar Mayúscula al inicio de la oración. Si está activado, ✓ aparece al lado de Activado.
  - Presione  para desactivar Mayúscula al inicio de la oración. Si está desactivado, ✓ desaparece de al lado de Activado.
- 

## 7.6.5.3

## Visualización de palabras personalizadas

Puede añadir sus propias palabras personalizadas en el diccionario integrado del radio. El radio almacena una lista que contiene estas palabras.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

4 Presione ▲ o ▼ para acceder a Entrada de texto. Presione  para realizar la selección.

---

5 Presione ▲ o ▼ para Mis palabras. Presione  para realizar la selección.

---

6 Presione ▲ o ▼ para Lista de palabras. Presione  para realizar la selección.

La pantalla muestra la lista de palabras personalizadas.

---

### 7.6.5.4

## Edición de palabras personalizadas

Puede editar las palabras personalizadas guardadas en el radio.

1 Presione  para obtener acceso al menú.

---

2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

4 Presione ▲ o ▼ para Entrada texto. Presione  para realizar la selección.

---

5 Presione ▲ o ▼ para Mis palabras. Presione  para realizar la selección.

---

6 Presione ▲ o ▼ para Lista de palabras. Presione  para realizar la selección.

La pantalla muestra la lista de palabras personalizadas.

---

7 Presione ▲ o ▼ para acceder a la palabra requerida. Presione  para realizar la selección.

---

8 Presione ▲ o ▼ para acceder a Editar. Presione  para realizar la selección.

---

9 Utilice el teclado para editar la palabra personalizada.

- Presione ◀ para moverse un espacio hacia la izquierda.
  - Presione la tecla ▶ para moverse un espacio hacia la derecha.
  - Presione la tecla \*⏪ para eliminar los caracteres no deseados.
  - Presione prolongadamente #  para cambiar el método de entrada de texto.
- 

10 Presione  una vez que se complete la personalización de la palabra.

---

La pantalla muestra un miniaviso de transición, lo cual confirma que la palabra personalizada se está guardando.

- Cuando la palabra personalizada se guarda, se escucha un tono y la pantalla muestra un miniaviso positivo.
- Si no se guarda la palabra personalizada, se emite un tono bajo y la pantalla muestra un miniaviso negativo.

#### 7.6.5.5

### Adición de palabras personalizadas

Puede agregar palabras personalizadas al diccionario integrado en el radio.

1 Presione  para obtener acceso al menú.

---

2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---



3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

4 Presione ▲ o ▼ para ir a Entrada de texto. Presione  para realizar la selección.

---

5 Presione ▲ o ▼ para ir a Mis palabras. Presione  para realizar la selección.

---

6 Presione ▲ o ▼ para ir a Agregar una palabra nueva. Presione  para realizar la selección.  
La pantalla muestra la lista de palabras personalizadas.

---

7 Utilice el teclado para editar la palabra personalizada.

- Presione ◀ para moverse un espacio hacia la izquierda.

- Presione la tecla ▶ para moverse un espacio hacia la derecha.
  - Presione la tecla  para eliminar los caracteres no deseados.
  - Presione prolongadamente  para cambiar el método de entrada de texto.
- 

8 Presione  una vez que se complete la personalización de la palabra.

---

La pantalla muestra un miniaviso de transición, lo cual confirma que la palabra personalizada se está guardando.

- Cuando la palabra personalizada se guarda, se escucha un tono y la pantalla muestra un miniaviso positivo.
- Si no se guarda la palabra personalizada, se emite un tono bajo y la pantalla muestra un miniaviso negativo.

## 7.6.5.6

## Eliminación de palabras personalizadas

Puede eliminar las palabras personalizadas guardadas en el radio.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para ir a Entrada texto. Presione  para realizar la selección.

---

- 5 Presione ▲ o ▼ para ir a Mis palabras. Presione  para realizar la selección.

---

- 6 Presione ▲ o ▼ para acceder a la palabra requerida. Presione  para realizar la selección.

---

- 7 Presione ▲ o ▼ para Borrar. Presione  para realizar la selección.

---

- 8 Elija una opción de las siguientes:

- En ¿Eliminar entrada?, presione  para seleccionar Sí. La pantalla muestra Entrada eliminada.
  - Presione ▲ o ▼ para ir a No. Presione  para volver a la pantalla anterior.
- 

## 7.6.5.7

## Eliminación de todas las palabras personalizadas

Puede eliminar todas las palabras personalizadas del diccionario integrado del radio.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.
- 4 Presione ▲ o ▼ para ir a Entrada texto. Presione  para realizar la selección.
- 5 Presione ▲ o ▼ para ir a Mis palabras. Presione  para realizar la selección.
- 6 Presione ▲ o ▼ para ir a Borrar todo. Presione  para realizar la selección.
- 7 Realice uno de los siguientes pasos:

- En ¿Eliminar entrada?, presione  para seleccionar Sí. La pantalla muestra Entrada eliminada.
- Presione ▲ o ▼ para ir a No y volver a la pantalla anterior. Presione  para realizar la selección.

### 7.6.6

## Transmisión directa

Esta función le permite seguir comunicándose cuando el repetidor no esté funcionando o cuando el radio esté fuera del alcance del repetidor, pero dentro del alcance de conversación de otros radios.

La configuración de la comunicación directa se mantiene aun después de apagar el radio.



### AVISO:

Esta función no se aplica a Capacity Plus – Sitio único, Capacity Plus – Multisitio ni a los canales de la banda de ciudadanos que se encuentran en la misma frecuencia.

## 7.6.6.1

## Cambio entre los modos de repetidor y de transmisión directa

Siga el procedimiento para alternar entre los modos de repetidor y comunicación directa en el radio.

- 1 Realice uno de los siguientes pasos:
  - Presione el botón programado **Repetidor/ Comunicación directa**. Omita los pasos siguientes.
  - Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para acceder a Transmisión directa. Presione  para realizar la selección. Si está activado, ✓ aparece al lado de Activado. Si está desactivado, ✓ desaparece de al lado de Activado. La pantalla vuelve automáticamente a la pantalla anterior.

## 7.6.7

## Función de monitoreo

Esta función le permite garantizar que un canal esté libre antes de iniciar la transmisión.



### AVISO:

Esta función no se aplica a Capacity Plus – Sitio único ni a Capacity Plus – Multisitio.

## 7.6.7.1

## Monitoreo de canales

Siga el procedimiento para supervisar los canales.

- 1 Presione prolongadamente el botón programado **Monitor**.

El ícono de **monitor** aparece en la pantalla y el LED se enciende de color amarillo fijo.

Si el canal está en uso:

- En la pantalla aparece el ícono **Monitor**.
- Se escucha la actividad del radio o un silencio total.
- El LED se enciende en color amarillo.

Si el canal supervisado está libre, se escucha un "ruido de fondo".

- 
- 2 Presione el botón **PTT** para hablar. Suelte el botón **PTT** para escuchar.
- 

### 7.6.7.2

## Monitor permanente

Use la función de monitor permanente para monitorear continuamente la actividad de un canal seleccionado.

### 7.6.7.2.1

## Activación o desactivación del monitor permanente

Siga el procedimiento para activar o desactivar el monitor permanente en el radio.

Presione el botón programado **Monitor permanente**.

Cuando el radio entra en el modo:

- Se emite un tono de alerta.
- El LED se enciende en color amarillo.
- La pantalla muestra Monitor permanente encendido y el ícono **Monitor**.

Cuando el radio sale del modo:

- Se emite un tono de alerta.
  - El LED amarillo se apaga.
  - En la pantalla aparece Monitor permanente apagado.
-

## 7.6.8

## Recordatorio del canal de inicio

Esta función proporciona un recordatorio cuando el radio no está configurado en el canal de inicio durante un período.

Si esta función se activa a través del CPS, cuando el radio no está en el canal principal durante un período, lo siguiente se produce periódicamente:

- Se emite un tono y un anuncio del recordatorio de canal de inicio.
- En la primera línea de la pantalla, se muestra Sin.
- La segunda línea muestra Canal principal.

Puede responder al recordatorio a través de una de las acciones siguientes:

- Regresar al canal de inicio.
- Silencie temporalmente el recordatorio a través del botón programable.
- Configure un nuevo canal principal a través del botón programable.

## 7.6.8.1

## Silencio del recordatorio de canal de inicio

Cuando suena el recordatorio del canal principal, puede silenciarlo temporalmente.

Presione el botón programado **Silenciar recordatorio del canal principal**.

En la pantalla, se muestra el mensaje HCR silenciado.

## 7.6.8.2

## Configuración de nuevos canales de inicio

Cuando se emite el recordatorio del canal de inicio, puede configurar un nuevo canal de inicio.

### 1 Realice uno de los siguientes pasos:

- Presione el botón programable **Restablecer canal principal** para establecer el canal actual como el nuevo canal principal. Omita los pasos siguientes.

En la primera línea de la pantalla aparece el alias del canal y en la segunda aparece Nuevo canal principal.

- Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para obtener acceso a Canal principal. Presione  para realizar la selección.

- 5 Presione ▲ o ▼ para obtener acceso al alias del nuevo canal principal deseado. Presione  para realizar la selección.

La pantalla muestra ✓ al lado del alias del canal principal.

## 7.6.9

### Verificación de radio

Esta función permite determinar si hay otro radio activo en un sistema, sin molestar al usuario de ese radio. No aparecen notificaciones de sonido ni visuales en el radio de destino. Esta función resulta solamente aplicable a los alias o ID de los suscriptores. El radio debe estar programado para poder utilizar esta función.

#### 7.6.9.1

### Envío de verificaciones de radio

Siga el procedimiento para enviar verificaciones de radio en el radio.

- 1 Presione el botón programado **Verificar radio**.
- 2 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.  
La pantalla muestra un miniaviso de transición que indica que la solicitud está en curso. La luz LED verde se enciende.

Espere a que aparezca una confirmación.

Si presiona  mientras el radio espera la confirmación, se emite un tono, el radio finaliza todos los reintentos y saldrá del modo Verificación de radio.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- La pantalla muestra un miniaviso positivo.

Si no se realiza correctamente:

- Suena un tono indicador negativo.
- La pantalla muestra un miniaviso negativo.

El radio regresa a la pantalla de alias o ID del suscriptor.

#### 7.6.10

### Monitor Remoto

Esta función se utiliza para encender el micrófono de un radio de destino con un alias o ID de suscriptor. Puede utilizar esta función para monitorear en forma remota cualquier actividad sonora que rodea al radio de destino.

Hay dos tipos de Monitor remoto:

- Monitor remoto sin autenticación
- Monitor remoto con autenticación.

Monitor remoto autenticado es una función que se puede adquirir. En Monitor remoto autenticado, se requiere verificación cuando el radio enciende el micrófono de un radio de destino.

Cuando el radio inicia esta función en un radio de destino con Autenticación de usuario, se requiere una contraseña. La contraseña se programa previamente en el radio de destino a través de CPS.

Tanto el radio como el radio de destino deben programarse para permitir el uso de esta función.

Esta función se interrumpe luego de una duración programada o cuando un usuario realiza alguna operación en el radio de destino.

#### 7.6.10.1

### Inicio del monitor remoto

Siga el procedimiento para iniciar el monitor remoto del radio.

- 1 Presione el botón programado **Monitor remoto**.
- 2 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos.



3

Presione  para realizar la selección. Ocurrirá una de las siguientes situaciones:

- La pantalla muestra un miniaviso de transición que indica que la solicitud está en curso. La luz LED verde se enciende.
- Aparecerá una pantalla de contraseña.

Introduzca la contraseña. Presione  para continuar.

- Si la contraseña es correcta, la pantalla muestra un miniaviso de transición que indica que la solicitud está en curso. La luz LED verde se enciende.
- Si la contraseña es incorrecta, la pantalla muestra un miniaviso negativo y vuelve a la pantalla anterior.

4 Espere a que aparezca una confirmación.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- La pantalla muestra un miniaviso positivo.

- El audio del radio monitoreado empieza a reproducirse durante un período de tiempo programado, y la pantalla muestra **Monitor remoto**. Una vez que finaliza el cronómetro, se emite un tono de alerta y el LED se apaga.

Si no lo es:

- Suena un tono indicador negativo.
- La pantalla muestra un miniaviso negativo.

#### 7.6.10.2

### Inicio de un monitor remoto mediante la lista de contactos

Siga el procedimiento para iniciar el monitor remoto en el radio mediante la lista de contactos.

1

Presione  para obtener acceso al menú.

2

Presione ▲ o ▼ para acceder a **Contactos**.

Presione  para realizar la selección.

3 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.

---

4 Presione ▲ o ▼ para acceder a Mon. rem.

---

5 Presione  para realizar la selección. Ocurrirá una de las siguientes situaciones:

- La pantalla muestra un miniaviso de transición que indica que la solicitud está en curso. La luz LED verde se enciende.
- Aparecerá una pantalla de contraseña.

Introduzca la contraseña. Presione  para continuar.

- Si la contraseña es correcta, la pantalla muestra un miniaviso de transición que indica que la solicitud está en curso. La luz LED verde se enciende.
  - Si la contraseña es incorrecta, la pantalla muestra un miniaviso negativo y vuelve a la pantalla anterior.
- 

6 Espere a que aparezca una confirmación.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- La pantalla muestra un miniaviso positivo.
- El audio del radio monitoreado empieza a reproducirse durante un período de tiempo programado, y la pantalla muestra Monitor. remoto. Una vez que finaliza el cronómetro, se emite un tono de alerta y el LED se apaga.

Si no se realiza correctamente:

- Suena un tono indicador negativo.
  - La pantalla muestra un miniaviso negativo.
- 

#### 7.6.10.3

### Inicio de un monitor remoto mediante la marcación manual

Siga el procedimiento para iniciar el monitor remoto en el radio mediante la marcación manual.

- 1 Presione  para obtener acceso al menú.

---
- 2 Presione ▲ o ▼ para acceder a Contactos.  
Presione  para realizar la selección.

---
- 3 Presione ▲ o ▼ para acceder a Marcación manual. Presione  para realizar la selección.

---
- 4 Presione ▲ o ▼ para acceder a Número de radio. Presione  para realizar la selección.

---
- 5 Realice uno de los siguientes pasos:
  - Ingrese el alias o ID del suscriptor y presione  para continuar.
  - Edite el ID marcado previamente y presione  para continuar.

---
- 6 Presione ▲ o ▼ para acceder a Mon. rem.

---

- 7 Presione  para realizar la selección. Ocurrirá una de las siguientes situaciones:
  - La pantalla muestra un miniaviso de transición que indica que la solicitud está en curso. La luz LED verde se enciende.
  - Aparecerá una pantalla de contraseña.

Introduzca la contraseña. Presione  para continuar.

  - Si la contraseña es correcta, la pantalla muestra un miniaviso de transición que indica que la solicitud está en curso. La luz LED verde se enciende.
  - Si la contraseña es incorrecta, la pantalla muestra un miniaviso negativo y vuelve a la pantalla anterior.

---

- 8 Espere a que aparezca una confirmación.  
Si se realizó correctamente:
  - Suena un tono indicador positivo.
  - La pantalla muestra un miniaviso positivo.

- El audio del radio monitoreado empieza a reproducirse durante un período de tiempo programado, y la pantalla muestra Monitor remoto. Una vez que finaliza el cronómetro, se emite un tono de alerta y el LED se apaga.

Si no se realiza correctamente:

- Suena un tono indicador negativo.
- La pantalla muestra un miniaviso negativo.

#### 7.6.11

### Listas de rastreo

Las listas de rastreo se crean y se asignan a canales o grupos individuales. El radio rastrea la actividad de voz desplazándose por la secuencia de canal o grupo especificada en la lista de rastreo del canal o grupo actual.

El radio admite hasta 250 listas de rastreo, con un máximo de 16 miembros por lista.

Cada lista de scan admite una mezcla de entradas tanto analógicas como digitales.

Puede agregar, eliminar o priorizar canales mediante la edición de una lista de rastreo.

Puede adjuntar una nueva lista de scan al radio a través de la programación del panel frontal. Consulte [Programación del panel frontal en la página 230](#) para obtener más información.

El ícono **Prioridad** aparece a la izquierda del alias del miembro, si se configuró, para indicar si el miembro está en una lista de canales de Prioridad 1 o Prioridad 2. No puede tener varios canales de Prioridad 1 o Prioridad 2 en una lista de rastreo. El ícono **Prioridad** no se muestra si la prioridad se configuró en **Ninguno**.



#### AVISO:

Esta función no se aplica a Capacity Plus.

#### 7.6.11.1

### Visualización de entradas de la lista de rastreo

Siga el procedimiento para ver las entradas de la lista de rastreo en el radio.

1

Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para acceder a Rastreo.

Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para acceder a Lista de scan.

Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para ver cada miembro de la lista.
- 

#### 7.6.11.2

### Visualización de entradas de la lista de rastreo mediante la búsqueda de alias

Siga el procedimiento para ver las entradas de la lista de rastreo en el radio mediante la búsqueda de alias.

- 1 Presione  para obtener acceso al menú.
- 

- 2 Presione ▲ o ▼ para acceder a Rastreo.

Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para acceder a Lista de scan.

Presione  para realizar la selección.

---

- 4 Escriba el primer carácter del alias deseado.

La pantalla muestra un cursor intermitente.

---

- 5 Ingrese el resto de los caracteres del alias deseado.

La búsqueda de alias distingue entre mayúsculas y minúsculas. Si hay dos o más entradas con el mismo nombre, la pantalla muestra la entrada que aparece primero en la lista.

La primera línea de texto muestra los caracteres que ingresó. Las siguientes líneas de texto muestran los resultados abreviados de la búsqueda.

---

#### 7.6.11.3

### Adición de nuevas entradas a la lista de rastreo

Siga el procedimiento para agregar entradas nuevas a la lista de rastreo del radio.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para acceder a Rastreo.  
Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para acceder a Lista de scan.  
Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para acceder a Agregar miembro. Presione  para realizar la selección.

---

- 5 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.

---

- 6 Presione ▲ o ▼ hasta el nivel de prioridad requerido. Presione  para realizar la selección.  
La pantalla muestra una miniaviso positivo y, a continuación, ¿Añadir otros?

---

- 7 Realice uno de los siguientes pasos:
    - Presione ▲ o ▼ hasta Sí para añadir otra entrada. Presione  para realizar la selección. Repita [paso 5](#) y [paso 6](#).
    - Presione ▲ o ▼ hasta No para guardar la lista actual. Presione  para realizar la selección.
- 

#### 7.6.11.4

### Eliminación de entradas de la lista de rastreo

Siga el procedimiento para eliminar las entradas de la lista de scan.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para acceder a Rastreo.  
Presione  para realizar la selección.

---

3 Presione ▲ o ▼ para acceder a Lista de scan.

Presione  para realizar la selección.

4 Presione ▲ o ▼ para obtener acceso al alias o ID

requeridos. Presione  para realizar la selección.

5 Presione ▲ o ▼ para Borrar. Presione  para realizar la selección.

La pantalla muestra ¿Eliminar entrada?

6 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para acceder a Sí y eliminar la entrada. Presione  para realizar la selección.

La pantalla muestra un miniaviso positivo.

- Presione ▲ o ▼ para acceder a No y regresar a la pantalla anterior. Presione  para realizar la selección.

7 Repita los pasos [paso 4](#) al [paso 6](#) para eliminar otras entradas.

8 Presione  de manera prolongada para regresar a la pantalla Inicio después de eliminar todos los alias o ID deseados.

#### 7.6.11.5

### Configuración de la prioridad para las entradas de la lista de rastreo

Siga el procedimiento para establecer prioridades para las entradas de la lista de rastreo en el radio.

1 Presione  para obtener acceso al menú.

2 Presione ▲ o ▼ para ir a Rastreo. Presione  para realizar la selección.

3 Presione ▲ o ▼ para ir a Lista de rastreo.  
Presione  para realizar la selección.

4 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.

5 Presione ▲ o ▼ para ir a Editar prioridad. Presione  para realizar la selección.

6 Presione ▲ o ▼ hasta el nivel de prioridad requerido. Presione  para realizar la selección. La pantalla muestra un miniaviso positivo antes de volver a la pantalla anterior. El ícono **Prioridad** aparece a la izquierda del alias del miembro.

Durante un rastreo de modo doble, si se encuentra en un canal digital y su radio se ajusta a un canal analógico, cambia automáticamente del modo digital al analógico durante la llamada. Lo mismo sucede en el caso contrario.

Existen dos maneras de iniciar el rastreo:

#### Rastreo de canal principal (manual)

El radio rastrea todos los canales o grupos de la lista de rastreo. Cuando ingresa al rastreo, es posible que el radio, según la configuración, comience automáticamente en el último canal o grupo activo rastreado o en el canal donde se inició el rastreo.

#### Rastreo automático

El radio inicia automáticamente el rastreo cuando selecciona un canal o grupo que tiene el rastreo automático activado.



#### AVISO:

Cuando configure **Recibir mensajes de grupo en el rastreo**, el radio es capaz de recibir mensajes de grupo desde canales no principales. El radio puede responder a los mensajes de grupo en un canal principal, pero no en canales no principales. Para obtener más información, consulte a su proveedor o administrador del sistema.

#### 7.6.12

### Rastreo

El radio se desplaza por la lista de rastreo programada del canal actual para buscar actividad de voz cuando inicia un proceso de rastreo.



#### AVISO:

Esta función no se aplica a Capacity Plus.



## 7.6.12.1

**Activación o desactivación del rastreo**

Siga el procedimiento para activar o desactivar el rastreo en el radio.

**AVISO:**

Durante el rastreo, el radio solo acepta datos (por ejemplo, mensajes de texto, ubicación o datos de PC) si se reciben en el canal seleccionado.

- 1 Gire la **perilla selectora de canal** para seleccionar un canal programado con una lista de scan.

- 2 Presione  para obtener acceso al menú.

- 3 Presione  o  para acceder a Rastreo.  
Presione  para realizar la selección.

- 4 Presione  o  para Estado de rastreo.  
Presione  para realizar la selección.

- 5 Presione  o  para acceder al estado de rastreo requerido y presione  para seleccionar.

Si el rastreo está activado:

- En la pantalla se muestra **Rastreo** activado y el ícono **Rastreo**.
- El indicador LED parpadea en color amarillo.

Si el rastreo está desactivado:

- La pantalla muestra **Rastreo** desactivado.
- El ícono **Rastreo** desaparece.
- El LED se apaga.

## 7.6.12.2

**Respuesta a transmisiones durante el rastreo**

Durante el rastreo, el radio se detiene en un canal o grupo en el que se detecta actividad. El radio permanece en ese canal por un período programado que se conoce como tiempo de espera. Siga el procedimiento para responder a las transmisiones durante el rastreo.

- 1  Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder. Presione el botón **PTT** durante el tiempo de espera.

La luz LED verde se enciende.

- 2 Realice uno de los siguientes pasos:

- Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
-  Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.

- 3 Suelte el botón **PTT** para escuchar.

El radio vuelve a rastrear otros canales o grupos si no responde durante el tiempo de espera.

#### 7.6.12.3

### Eliminación de canales no deseados

Si un canal sigue generando ruido o llamadas no deseadas (denominado canal “no deseado”), puede eliminar

temporalmente el canal no deseado de la lista de scan. Esta capacidad no se aplica al canal designado como canal seleccionado. Siga el procedimiento para eliminar los canales no deseados del radio.

- 1 Cuando el radio se ajuste en un canal no deseado, presione el botón programado **Eliminación de canal no deseado** hasta que se emita un tono.

- 2 Suelte el botón programado **Eliminar canal no deseado**.

Se elimina el canal no deseado.

#### 7.6.12.4

### Restauración de canales no deseados

Siga el procedimiento para restaurar los canales no deseados en el radio.

Realice uno de los siguientes pasos:

- Apague el radio y vuelva a encenderlo.
- Detenga y reinicie el rastreo mediante el botón programado **Rastreo** o el menú.

- Cambie de canal con la **perilla selectora de canal**.

7.6.13

### Rastreo de votación



El rastreo de votación le brinda cobertura de área amplia en áreas donde existen varias estaciones base que transmiten información idéntica en distintos canales analógicos.

Su radio rastrea canales analógicos de varias estaciones base y realiza un proceso de votación para seleccionar la señal recibida más fuerte. Una vez que se ha establecido, el radio recibe transmisiones de esa estación base.

Durante el rastreo de votación, el indicador LED amarillo parpadea y la pantalla muestra el ícono **Rastreo de votación**.

Para responder a una transmisión durante un rastreo de voto, consulte [Respuesta a transmisiones durante el rastreo en la página 524](#).

7.6.14

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## Configuración de contactos

Esta función ofrece capacidades de directorio telefónico en el radio. Cada entrada corresponde a un alias o ID que se utiliza para iniciar una llamada. Las entradas están ordenadas alfabéticamente.

Cada entrada, según el contexto, se asocia con los diferentes tipos de llamada: llamada de grupo, llamada privada, llamada general, llamada de PC o llamada de despacho.

La llamada de PC y la llamada de despacho se relacionan con datos. Solo están disponibles con las aplicaciones. Para obtener más información, consulte la documentación de las aplicaciones de datos.

Además, el menú Contactos le permite asignar cada entrada a una clave numérica programable o más en un micrófono con teclado. Si se asigna una entrada a una clave numérica, su radio puede realizar una marcación rápida en la entrada.



#### AVISO:

Podrá ver una marca de verificación antes de cada tecla numérica que se asigne a una entrada. Si la marca de verificación se encuentra delante de **Vacio**, no se ha asignado una tecla numérica a la entrada.

Cada entrada dentro de Contactos muestra la siguiente información:

- Tipo de llamada
- Alias de llamada
- ID de llamada



#### **AVISO:**

Si la función de privacidad está activada en un canal, puede realizar llamadas de grupo con privacidad activada, llamadas privadas y llamadas generales en ese canal. Solo los radios de destino con la misma clave de privacidad o el mismo valor de clave e ID de clave que tiene su radio podrán descifrar la transmisión.

#### 7.6.14.1

### **Adición de contactos nuevos**

Siga el procedimiento para agregar contactos nuevos al radio.

1

Presione  para obtener acceso al menú.

---

2 Presione  o  para acceder a

Contactos. Presione  para realizar la selección.

---

3 Presione  o  para acceder a Nuevo

contacto. Presione  para realizar la selección.

---

4 Presione  o  para seleccionar el tipo de contacto Contacto por radio o Contacto por

teléfono. Presione  para realizar la selección.

---

5 Ingrese el número de contacto con el teclado y

presione  para continuar.

---

6 Ingrese el nombre del contacto con el teclado y

presione  para continuar.

---

- 7 Presione ▲ o ▼ para acceder al tipo de timbre deseado. Presione  para realizar la selección. Suena un tono indicador positivo. La pantalla muestra un miniaviso positivo.
- 

### 7.6.14.2

## Configuración de contacto predeterminado

Siga el procedimiento para establecer el contacto predeterminado en el radio.

- 1 Presione  para obtener acceso al menú.
- 
- 2 Presione ▲ o ▼ para acceder a Contactos. Presione  para realizar la selección.
- 
- 3 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.
- 

- 4 Presione ▲ o ▼ para acceder a Establecer como predeterminado. Presione  para realizar la selección. Suena un tono indicador positivo. La pantalla muestra un miniaviso positivo. En la pantalla se muestra ✓ junto a la ID o el alias predeterminado seleccionado.
- 

### 7.6.14.3

## Asignación de entradas a teclas numéricas programables

- 1 Presione  para obtener acceso al menú.
- 
- 2 Presione ▲ o ▼ para acceder a Contactos. Presione  para realizar la selección.
- 
- 3 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.
-

- 4 Presione ▲ o ▼ para ir a Programar tecla.

Presione  para realizar la selección.

---

- 5 Realice uno de los siguientes pasos:

- Si la tecla numérica deseada no se ha asignado a una entrada, presione ▲ o ▼ para acceder a

la tecla numérica deseada. Presione  para realizar la selección.

- Si la tecla numérica deseada ya está asignada a otra entrada, la pantalla muestra La tecla está ya en uso y, luego, la primera línea de texto muestra ¿Reemplazar?. Realice uno de los siguientes pasos:

Presione ▲ o ▼ para ir a Sí. Presione  para realizar la selección.

El radio emite un tono indicador positivo y la pantalla muestra Contacto guardado y un miniaviso positivo.

Presione ▲ o ▼ para ir a No y volver al paso anterior.

---

#### 7.6.14.4

### Eliminación de asociaciones entre entradas y teclas numéricas programables

- 1 Realice uno de los siguientes pasos:

- Presione de manera prolongada la tecla numérica programada hasta el alias o el ID deseados. Continúe con [paso 4](#).

- Presione  para obtener acceso al menú.
- 

- 2 Presione ▲ o ▼ para acceder a Contactos.

Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.
- 

- 4 Presione ▲ o ▼ para ir a Programar tecla.

Presione  para realizar la selección.

---

5

Presione ▲ o ▼ para ir a Vacía. Presione  para realizar la selección.

La primera línea de texto muestra Elim. todas teclas.

6

Presione ▲ o ▼ para ir a Sí. Presione  para realizar la selección.



**AVISO:**

Al eliminar una entrada, se elimina la asociación entre la entrada y sus teclas numéricas programadas.

Suena un tono indicador positivo. En la pantalla se muestra Contacto guardado. La pantalla vuelve automáticamente al menú anterior.

## 7.6.15

## Configuración del indicador de llamadas

Esta función le permite configurar los tonos de timbre de llamada o mensaje de texto.

### 7.6.15.1

## Activación o desactivación de timbres de llamada para alertas de llamada

1

Presione  para obtener acceso al menú.

2

Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

3

Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

4

Presione ▲ o ▼ para ir a Tonos/alerta. Presione  para realizar la selección.

- 5 Presione ▲ o ▼ para ir a Timbres de llamada.

Presione  para realizar la selección.

---

- 6 Presione ▲ o ▼ para ir a Alerta de llamada.

Presione  para realizar la selección.

---

- 7 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ hasta el tono requerido.

Presione  para realizar la selección.  
La pantalla muestra ✓ y el tono seleccionado.

- Presione ▲ o ▼ para Apag.. Presione  para realizar la selección.  
Si los tonos de timbres se activaron anteriormente, en la pantalla se muestra ✓ junto a Desactivar.

Si los tonos de timbres se desactivaron anteriormente, en la pantalla no se muestra ✓ junto a Desactivar.

---

## Activación o desactivación de timbres de llamadas para llamadas privadas

Siga el procedimiento para activar o desactivar los timbres de llamada para llamadas privadas en el radio.

- 1 Presione  para obtener acceso al menú.
- 

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.
- 

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.
- 

- 4 Presione ▲ o ▼ para acceder a Tonos/Alertas. Presione  para realizar la selección.
- 

- 5 Presione ▲ o ▼ para acceder a Timbres llamd.. Presione  para realizar la selección.
-



## 6 Presione ▲ o ▼ para acceder a Llamada

privada. Presione  para realizar la selección.

En la pantalla se muestra ✓ junto a Encendido si los tonos de timbre de llamada privada están activados.

En la pantalla se muestra ✓ junto a Apagado si los tonos de timbre de llamada privada están desactivados.

## 7 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ hasta el tono requerido.

Presione  para realizar la selección.  
La pantalla muestra ✓ y el tono seleccionado.

- Presione ▲ o ▼ para Apag.. Presione  para realizar la selección.  
Si los tonos de timbres se habilitaron anteriormente, la pantalla muestra ✓ junto a Apag..  
Si los tonos de timbres se deshabilitaron anteriormente, la pantalla no muestra ✓ junto a Apag..

### 7.6.15.3

## Activación o desactivación de timbres de llamada para llamadas selectivas

Siga el procedimiento para activar o desactivar los timbres de llamada para llamadas selectivas en el radio.

- 1 Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para acceder a Tonos/Alertas. Presione  para realizar la selección.

- 5 Presione ▲ o ▼ para acceder a Timbres llamd.. Presione  para realizar la selección.

- 6 Presione ▲ o ▼ para acceder a Llamd.

select.. Presione  para realizar la selección.

La pantalla muestra ✓ y el tono actual.

- 7 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ hasta el tono requerido.

Presione  para realizar la selección.  
La pantalla muestra ✓ y el tono seleccionado.

- Presione ▲ o ▼ para Apag.. Presione  para realizar la selección.  
Si los tonos de timbres se habilitaron anteriormente, la pantalla muestra ✓ junto a Apag..  
Si los tonos de timbres se deshabilitaron anteriormente, la pantalla no muestra ✓ junto a Apag..

## Activación o desactivación de timbres de llamada para mensajes de texto

Siga el procedimiento para activar o desactivar los timbres de llamada para mensajes de texto en el radio.

- 1 Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para acceder a Tonos/Alertas. Presione  para realizar la selección.

- 5 Presione ▲ o ▼ para acceder a Timbres llamd.. Presione  para realizar la selección.

- 6 Presione ▲ o ▼ para Mensaje de texto.

Presione  para realizar la selección.

La pantalla muestra ✓ y el tono actual.

---

- 7 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ hasta el tono requerido.

Presione  para realizar la selección.  
La pantalla muestra ✓ y el tono seleccionado.

- Presione ▲ o ▼ para Apag.. Presione  para realizar la selección.  
Si los tonos de timbres se habilitaron anteriormente, la pantalla muestra ✓ junto a Apag..  
Si los tonos de timbres se deshabilitaron anteriormente, la pantalla no muestra ✓ junto a Apag..
- 

#### 7.6.15.5

## Activación o desactivación de timbres de llamada para estado de telemetría con texto

Siga el procedimiento para activar o desactivar los timbres de llamada para el estado de telemetría con texto en el radio.

- 1 Presione  para obtener acceso al menú.
- 

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.
- 

- 3 Presione ▲ o ▼ para obtener acceso a Configuración del radio. Presione  para realizar la selección.
- 

- 4 Presione ▲ o ▼ para Tonos/alerta. Presione  para realizar la selección.
-

- 5 Presione ▲ o ▼ para acceder a Timbres

llamada. Presione  para realizar la selección.

- 6 Presione ▲ o ▼ para acceder a Telemetría.

Presione  para realizar la selección.

El tono actual se indica mediante ✓.

- 7 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para acceder al tono

preferido. Presione  para realizar la selección.

En la pantalla se muestra Tono <Número> Seleccionado y ✓ aparece a la izquierda del tono seleccionado.

- Presione ▲ o ▼ para Apagar. Presione  para realizar la selección.  
En la pantalla se muestra Timbre de telemetría apagado y ✓ aparece a la izquierda de Apagar.

#### 7.6.15.6

### Asignación de estilos de tono

El radio se puede programar para emitir 1 de 11 tonos predefinidos tras recibir una llamada privada, una alerta de llamada o un mensaje de texto de un contacto en particular. El radio reproduce cada estilo de tono a medida que se desplaza por la lista.

1

Presione  para obtener acceso al menú.

2

Presione ▲ o ▼ para acceder a Contactos.

Presione  para realizar la selección.

Las entradas están ordenadas alfabéticamente.

3

Presione ▲ o ▼ para obtener acceso al alias o ID

requeridos. Presione  para realizar la selección.

4

Presione ▲ o ▼ para ir a Ver/editar. Presione

 para realizar la selección.

- 5 Presione  hasta que en la pantalla se muestre el menú **Timbre**.

✓ indica el tono seleccionado actualmente.

- 6 Presione ▲ o ▼ para ir al tono requerido.

Presione  para realizar la selección.

La pantalla muestra un miniaviso positivo.

#### 7.6.15.7

### Selección de un tipo de alerta de timbre



#### AVISO:

El distribuidor o el administrador del sistema asigna el botón programado **Tipo de timbre de alerta**. Consulte al distribuidor o administrador del sistema para determinar de qué manera se programó el radio.

Puede programar las llamadas de radio a una llamada con vibración predeterminada. Si el estado Todos los tonos está deshabilitado, el radio muestra el ícono de silencio de

todos los tonos. Si el estado Todos los tonos está habilitado, se muestra el tipo de alerta de tono relacionado.

El radio vibra una vez si es un estilo de tono momentáneo. El radio vibra repetidamente si se trata de un estilo de tono repetitivo. Cuando se ajusta en Tono y vibración, el radio emite un tono específico si hay alguna transacción de radio entrante (por ejemplo, una alerta de llamada o un mensaje). Suena como un tono indicador positivo o de llamada perdida.

En el caso de radios con baterías que son compatibles con la función de vibración y que se conectan a un clip para cinturón vibratorio, las opciones disponibles de tono de alerta son las siguientes: Silencio, Tono, Vibración y Tono y vibración.

En el caso de radios con baterías que no son compatibles con la función de vibración y que no se conectan a un clip para cinturón vibratorio, el tono de alerta se establece de forma automática en Tono. Las opciones de Tipo de alerta de timbre disponibles son Silencioso y Tono.

Para seleccionar un tono de alerta, realice una de las siguientes acciones.

- Presione el botón programado **Tipo de alerta de timbre** para acceder al menú Tipo de alerta de timbre.

- a. Presione ▲ o ▼ para Tono, Vibración, Tono y vibración o Silencio y presione  para seleccionar.
- Acceda a esta función a través del menú.
  - a. Presione  para acceder al menú.
  - b. Presione ▲ o ▼ para Utilidades y presione  para seleccionar.
  - c. Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.
  - d. Presione ▲ o ▼ para Tonos/Alertas y presione  para seleccionar.
  - e. Presione ▲ o ▼ para Tipo de alerta de timbre y presione  para seleccionar.
  - f. Presione ▲ o ▼ para Tono, Vibración, Tono y vibración o Silencio y presione  para seleccionar.

## 7.6.15.8

**Configurar el estilo de vibración****AVISO:**

El distribuidor o el administrador del sistema asignan el botón programado **Estilo de vibración**. Consulte al distribuidor o administrador del sistema para determinar de qué manera se programó el radio.

Estilo de vibración se activa cuando el clip para cinturón vibratorio se conecta al radio con una batería compatible con la función de vibración.

Para configurar el estilo de vibración, realice una de las siguientes acciones.

- Presione el botón programado **Estilo de vibración** para acceder al menú Estilo de vibración.
  - a. Presione ▲ o ▼ hasta Corta, Media o Larga, y presione  para seleccionar.
- Obtenga acceso a esta función a través del menú.
  - a. Presione  para acceder al menú.

- b. Presione ▲ o ▼ para Utilidades y presione  para seleccionar.
- c. Presione ▲ o ▼ para Configuración del radio y presione  para seleccionar.
- d. Presione ▲ o ▼ para Tonos/Alertas y presione  para seleccionar.
- e. Presione ▲ o ▼ para Estilo de vibración y presione  para seleccionar.
- f. Presione ▲ o ▼ hasta Corta, Media o Larga, y presione  para seleccionar.

#### 7.6.15.9

### Volumen del tono de alarma en aumento

El radio se puede programar para que emita una alerta continua cuando una llamada de radio permanece sin respuesta. Para esto, el volumen del tono de alarma aumenta automáticamente con el transcurso del tiempo.

Esta función se denomina Escalart. Siga el procedimiento para transferir el volumen del tono de la alarma del radio.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para Tonos/alerta. Presione  para realizar la selección.

---

- 5 Presione ▲ o ▼ para acceder a Escalart.

---

- 6 Presione  para activar O desactivar Escalart. Si está activado, ✓ aparece al lado de Activado. Si está desactivado, ✓ desaparece de al lado de Activado.

---

## 7.6.16

## Funciones del registro de llamadas

El radio conserva un registro de todas las llamadas privadas salientes, respondidas y perdidas recientes. Utilice la función del registro de llamadas para ver y administrar las llamadas recientes.

Las alertas de llamadas perdidas se pueden incluir en los registros de llamadas, según la configuración del sistema del radio. Puede realizar las tareas siguientes en cada una de las listas de llamadas:

- Almacenar alias o ID en Contactos
- Eliminar llamada
- Ver detalles

## 7.6.16.1

### Visualización de llamadas recientes

- 1 Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para ir a Registro de llamadas. Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para acceder a la lista preferida. Las opciones son las listas Perdidas, Respondidas y Salientes.

Presione  para realizar la selección.

La pantalla muestra la entrada más reciente.

- 4 Presione ▲ o ▼ para ver la lista.

Para iniciar una llamada con el alias o el ID que muestra la pantalla, presione el botón **PTT**.

## 7.6.16.2

### Visualización de detalles de la lista de llamadas

Siga el procedimiento para ver los detalles de la llamada en el radio.

- 1 Presione  para obtener acceso al menú.



- 2 Presione ▲ o ▼ para Reg. 11and.. Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para la lista que desee. Presione  para realizar la selección.
- 4 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.
- 5 Presione ▲ o ▼ para acceder a Ver detalles. Presione  para realizar la selección. La pantalla muestra los detalles de la llamada.

### 7.6.16.3

## Almacenamiento de alias o ID desde la lista de llamadas

Siga el procedimiento para almacenar los alias o ID en el radio desde la lista de llamadas.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para Reg. 11and.. Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para la lista que desee. Presione  para realizar la selección.
- 4 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.
- 5 Presione ▲ o ▼ para acceder a Almacenados. Presione  para realizar la selección. La pantalla muestra un cursor intermitente.
- 6 Ingrese el resto de los caracteres del alias deseado. Presione  para realizar la selección.

Es posible almacenar un ID sin un alias.  
La pantalla muestra un miniaviso positivo.

## 7.6.16.4

## Eliminación de llamadas de la lista de llamadas

Siga el procedimiento para eliminar las llamadas de la lista de llamadas.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para Reg. llamad.. Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para la lista que desee. Presione  para realizar la selección.  
Si la lista está vacía:
  - Se emite un tono.

- La pantalla muestra Lista vacía.

- 4 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.
- 5 Presione ▲ o ▼ para ¿Eliminar entrada? Presione  para realizar la selección.
- 6 Realice uno de los siguientes pasos:
  - Presione  para seleccionar Sí para eliminar la entrada.  
La pantalla muestra Entrada eliminada.
  - Presione ▲ o ▼ para No. Presione  para realizar la selección.  
El radio regresa a la pantalla anterior.

### 7.6.17

## Operación de alerta de llamada

El mensaje de alerta de llamada le permite enviar una alerta a un usuario de radio específico para que le devuelva la llamada.

Esta función se aplica solo a los alias o ID de suscriptor y se accede a través del menú mediante Contactos, marcación manual, o un botón programado **Acceso instantáneo**.

### 7.6.17.1

## Respuesta a alertas de llamada

Cuando reciba una alerta de llamada:

- Suena un tono repetitivo.
- El indicador LED parpadea en color amarillo.
- La pantalla muestra la lista de notificaciones donde aparece una alerta de llamada con el alias o ID del radio que realiza la llamada.

Según la configuración de su distribuidor o del administrador del sistema, puede responder a una alerta de llamada mediante una de las siguientes acciones:

- Presione el botón **PTT** y responda con una llamada privada directamente a la persona que llama.
- Presione el botón **PTT** para continuar normalmente la comunicación con un grupo de conversación.  
La alerta de llamada se desplaza a la opción Llamada perdida en el menú Registro de llamadas. Podrá responder a la persona que llama desde el registro de llamadas perdidas.

---

Para obtener más información, consulte [Lista de notificaciones en la página 227](#) y [Funciones del registro de llamadas en la página 168](#).

### 7.6.17.2

## Establecimiento de alertas de llamada

Siga el procedimiento para establecer alertas de llamada en el radio.

- 1 Presione el botón programado **Acceso instantáneo**.

En la pantalla aparecen **Alerta de llamada** y el alias o el ID del suscriptor. La luz LED verde se enciende.

---

- 2 Espere a que aparezca una confirmación.

Si se recibe la confirmación de la alerta de llamada, la pantalla muestra un miniaviso positivo.

Si no se recibe la confirmación de la alerta de llamada, la pantalla muestra un miniaviso negativo.

### 7.6.17.3

## Establecimiento de alertas de llamada mediante la lista de contactos

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para acceder a Contactos.  
Presione  para realizar la selección.
- 3 Realice uno de los siguientes pasos:
  - Seleccione el alias o ID del suscriptor directamente

Presione ▲ o ▼ para obtener acceso al

alias o ID requeridos. Presione  para realizar la selección.

- Use el menú Marcación manual

Presione ▲ o ▼ para ir a Marcación

manual. Presione  para realizar la selección.

Presione ▲ o ▼ para ir a Número del

radio. Presione  para realizar la selección.

La pantalla muestra Número del radio: y un cursor intermitente. Introduzca el ID del

suscriptor que desee localizar. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para ir a Alerta de llamada.

Presione  para realizar la selección.

La pantalla muestra Alerta de llamada y el alias o ID del suscriptor. La luz LED verde se enciende.

- 5 Espere a que aparezca una confirmación.
    - Si se recibe la confirmación, en la pantalla se muestra un miniaviso positivo.
    - Si no se recibe la confirmación, en la pantalla se muestra un miniaviso negativo.
- 

#### 7.6.18

### Alias del emisor dinámico

Esta función le permite editar de forma dinámica un alias del emisor desde el panel frontal del radio.

Cuando se encuentra en una llamada, el radio receptor muestra el alias del emisor del radio transmisor.

La lista Alias del emisor puede almacenar hasta 500 alias de emisores del radio transmisor. Puede ver o realizar Llamadas privadas desde la lista Alias del emisor. Cuando apaga el radio, el historial de los alias de emisores se elimina de la lista Alias del emisor.

#### 7.6.18.1

## Editar el Alias del emisor después de encender el radio

- 1 Encienda el radio.
- 

2

Ingrese el nuevo Alias del emisor. Presione  para continuar.

La pantalla muestra un miniaviso positivo.



#### **AVISO:**

Cuando se encuentra en una llamada, el radio receptor muestra el nuevo Alias del emisor.

---

#### 7.6.18.2

### Edición del alias del emisor en el menú principal

1

Presione  para obtener acceso al menú.

---

2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

3 Presione ▲ o ▼ para ir a Info. del radio. Presione  para realizar la selección.

---

4 Presione ▲ o ▼ para ir a Mi ID. Presione  para realizar la selección.

---

5 Presione  para continuar.

---

6 Presione ▲ o ▼ ir a Editar. Presione  para realizar la selección.

---

7 Ingrese el nuevo Alias del emisor. Presione  para realizar la selección.  
La pantalla muestra un miniaviso positivo.

**AVISO:**

Cuando se encuentra en una llamada, el radio receptor muestra el nuevo Alias del emisor.

---

## 7.6.18.3

## Visualización de la lista Alias del emisor

Puede acceder a la lista Alias del emisor para ver los detalles del Alias del emisor que transmite.

1 Presione  para obtener acceso al menú.

---

2 Presione ▲ o ▼ para ir a Alias del emisor. Presione  para realizar la selección.

---

3 Presione ▲ o ▼ para acceder a la lista preferida. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para acceder a Ver detalles.

Presione  para realizar la selección.

---

#### 7.6.18.4

### Inicio de Llamada privada desde la lista Alias del emisor

Puede acceder a la lista Alias del emisor para iniciar una Llamada privada.

- 1 Presione  para obtener acceso al menú.
- 

- 2 Presione ▲ o ▼ para ir a Alias del emisor.  
Presione  para realizar la selección.
- 

- 3 Presione ▲ o ▼ para acceder al <Alias del emisor requerido>.
- 

- 4 Para llamar, mantenga presionado el botón **PTT**.
- 

## Modo de silenciado

El modo de silenciado proporciona una opción para silenciar todos los indicadores de audio en el radio.

Cuando se inicia el modo de silenciado, todos los indicadores de audio se cierran, excepto las funciones de mayor prioridad como el funcionamiento de emergencia.

Cuando se sale del modo de silenciado, el radio reanuda la reproducción de tonos continuos y las transmisiones de audio.



#### IMPORTANTE:

Solo puede activar la función de Boca abajo o Hombre caído una a la vez. Ambas funciones no se pueden activar de forma simultánea.

Esta función se aplica solo a DGP 5550e/DGP 8550e, DGP 5050e/DGP 8050e.

#### 7.6.19.1

### Activación del modo de silenciado

Siga el procedimiento para activar el modo de silenciado.

Realice uno de los siguientes pasos:

- Acceda a esta función con el botón programado **Modo de silenciado**.
- Para acceder a esta función, coloque el radio boca abajo momentáneamente.

Según el modelo de radio, la función Boca abajo se puede activar a través del menú del radio o puede hacerlo el administrador del sistema. Para obtener más información, consulte a su proveedor o administrador del sistema.



#### IMPORTANTE:

El usuario solo puede activar la función de Hombre caído o la de Boca abajo a la vez. Ambas funciones no se pueden activar de forma simultánea.



#### AVISO:

La función Boca abajo solo se aplica a DGP 5550e/DGP 8550e .

Se produce lo siguiente cuando se activa el modo de silenciado:

- Se emite un tono indicador positivo.
- En la pantalla aparece el mensaje `Modo de silenciado activado`.

- El LED rojo empieza a parpadear y sigue parpadeando hasta que se sale del modo de silenciado.
- En la pantalla aparece el ícono **Modo de silenciado** en la pantalla de inicio.
- El radio se cierra.
- El temporizador del modo de silenciado comienza a contar de forma regresiva el tiempo que se configuró.

#### 7.6.19.2

### Configuración del temporizador de modo de silenciado

La función modo de silenciado se puede activar para un período de tiempo establecido previamente mediante la configuración del temporizador del modo de silenciado. La duración del temporizador se configura en el menú del radio y puede variar entre 0,5 a 6 horas. Se sale del modo de silenciado una vez que caduca el temporizador.

Si el temporizador se deja en 0, el radio permanece en el modo de silenciado durante un período indefinido hasta



que el radio se mueve a la posición boca arriba o se presiona el botón programado **Modo de silencio**.



### AVISO:

La función Boca abajo se aplica solo a DGP 5550e/DGP 8550e.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.
- 4 Presione ▲ o ▼ para acceder al Temp. silenc.. Presione  para realizar la selección.
- 5 Presione ▲ o ▼ para editar el valor numérico de cada dígito y presione .

### 7.6.19.3

## Salida del modo de silencio

Es posible salir automáticamente de esta función cuando el temporizador del modo de silencio caduca.

Realice una de las siguientes acciones para salir del modo de silencio manualmente:

- Presione el botón programado **Modo de silencio**.
- Presione el botón **PTT** en cualquier entrada.
- Coloque el radio en una posición boca arriba por un momento.



### AVISO:

La función Boca abajo se aplica solo a DGP 5550e/DGP 8550e.

Se produce lo siguiente cuando se desactiva el modo de silencio:

- Se emite un tono indicador negativo.
- En la pantalla aparece el mensaje **Modo de silencio desactivado**.
- El LED rojo intermitente se apaga.

- El ícono de **Modo de silenciado** desaparece de la pantalla de inicio.
- El radio vuelve a activar el sonido y el estado del altavoz se restaura.
- Si el temporizador no ha expirado, el temporizador del modo de silenciado se detiene.

**AVISO:**

También se puede salir del modo de silenciado si el usuario transmite voz o se cambia a un canal sin programar.

## 7.6.20

## Funcionamiento de emergencia

Se utiliza una alarma de emergencia para indicar una situación crítica. Puede iniciar una emergencia en cualquier momento, incluso si hay actividad en el canal actual.

El distribuidor puede establecer la duración de la presión del botón programado **Emergencia**, excepto para la presión prolongada, que es similar en todos los botones:

**Pulsación breve**

Duración entre 0,05 segundos y 0,75 segundos.

**Presión prolongada**

Duración entre 1 y 3,75 segundos.

El botón **Emergencia** se asigna con la función Emergencia activada/desactivada. Consulte al distribuidor acerca del uso asignado del botón **Emergencia**.

**AVISO:**

Si una presión breve del botón **Emergencia** inicia el modo de emergencia, entonces una presión prolongada de dicho botón permite que el radio salga del modo de emergencia.

Si una presión prolongada del botón **Emergencia** inicia el modo de emergencia, entonces una presión breve de dicho botón permite que el radio salga del modo de emergencia.

El radio admite tres alarmas de emergencia:

- Alarma de emergencia
- Alarma de emergencia con llamada
- Alarma de emergencia con voz para seguir 

**AVISO:**

Solo una de las alarmas de emergencia anteriores puede asignarse al botón programado **Emergencia**.

Además, cada alarma tiene los siguientes tipos:

### Normal

El radio transmite una señal de alarma y muestra indicadores sonoros o visuales.

### Silencioso

El radio transmite una señal de alarma sin indicadores sonoros ni visuales. El radio recibe llamadas sin ningún sonido a través del altavoz, hasta que termina el período programado de transmisión del *micrófono activo* o presiona el botón **PTT**.

### Silencioso con voz

El radio transmite una señal de alarma sin ningún indicador sonoro ni visual, pero permite que suenen las llamadas entrantes a través del altavoz. Si está activado el *micrófono activo*, las llamadas entrantes sonarán a través del altavoz una vez que termine el período de transmisión programado del *micrófono activo*. Los indicadores solo aparecerán una vez que presione el botón **PTT**.

#### 7.6.20.1

## Envío de alarmas de emergencia

Esta función permite enviar una alarma de emergencia, una señal sin voz, que activa un indicador de alerta en un grupo de radios. El radio no muestra ningún indicador

sonoro o visual durante el modo de emergencia cuando se configura en Silencio.

Siga el procedimiento para enviar alarmas de emergencia en el radio.

- 1 Presione el botón **Emergencia activada** programado.

Verá uno de los siguientes resultados:

- En la pantalla aparecen el mensaje Alarmas Tx y el alias del destino.
-  En la pantalla aparecen el mensaje Telegrama Tx y el alias del destino.

La luz LED verde se enciende. Aparece el ícono **Emergencia**.



### AVISO:

Si está programado, se emite el tono de búsqueda de emergencia. Este tono se silencia cuando el radio transmite o recibe voz, y se detiene cuando el radio sale del modo de emergencia. Es posible programar el tono de búsqueda de emergencia a través del CPS.

## 2 Espere a que aparezca una confirmación.

Si se realizó correctamente:

- Se emite el tono de emergencia.
- El LED parpadea en color rojo.
- En la pantalla aparece el mensaje **Alarma enviada**.

Si no funciona tras agotar todos los reintentos:

- Se emite un tono.
- En la pantalla aparece **Error alarma**.

El radio sale del modo de alarma de emergencia y vuelve a la pantalla de inicio.

### 7.6.20.2

## Envío de alarmas de emergencia con llamada

Esta función le permite enviar una alarma de emergencia con llamada a un grupo de radios. Una vez que un radio del grupo confirme el envío, el grupo de radios se puede comunicar mediante un canal de emergencia programado.

Siga el procedimiento para enviar alarmas de emergencia con llamada en el radio.

## 1 Presione el botón programado **Emergencia activada**.

Verá lo siguiente:

- En la pantalla aparecen el mensaje **Telegrama Tx** y el alias del destino.

La luz LED verde se enciende. Aparece el ícono **Emergencia**.



### AVISO:

Si está programado, se emite el tono de búsqueda de emergencia. Este tono se silencia cuando el radio transmite o recibe voz, y se detiene cuando el radio sale del modo de emergencia. El distribuidor o el administrador del sistema pueden programar el tono de búsqueda de emergencia.

## 2 Espere a que aparezca una confirmación.

Si se realizó correctamente:

- Se emite el tono de emergencia.
- El LED parpadea en color rojo.

- En la pantalla aparece el mensaje **Alarma enviada**.
- El radio entra en el modo de llamada de emergencia cuando la pantalla muestra **Emergencia** y el alias del grupo de destino.

---

### 3 Presione el botón **PTT** para realizar la llamada.

La luz LED verde se enciende. La pantalla muestra el ícono **Llamada grupal**.

---

### 4 Realice uno de los siguientes pasos:

- Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
-  Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.

---

### 5 Suelte el botón **PTT** para escuchar.

La pantalla muestra los alias de grupo y el la persona que llama.

---

- 6  Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder. Presione el botón **PTT** para responder la llamada.
- 

- 7 Para salir del modo de emergencia una vez que la llamada finaliza, presione el botón **Emergencia desactivada**.

El radio vuelve a la pantalla Inicio.

---

#### 7.6.20.3

### Alarmas de emergencia seguidas por VOZ

Esta función le permite enviar una alarma de emergencia con llamada seguida por voz a un grupo de radios. El micrófono del radio se activa automáticamente, lo que permite comunicarse con el grupo de radios sin presionar el botón **PTT**. El estado de micrófono activado también se denomina *micrófono activo*.

Si el radio tiene el modo de ciclo de emergencia activado, se realizan repeticiones del *micrófono activo* y del período

de recepción durante un tiempo programado. Durante el modo de ciclo de emergencia, las llamadas recibidas se escuchan a través del altavoz.

Si presiona el botón **PTT** durante el período de recepción programado, escuchará un tono de prohibición, que indica que debe liberar el botón **PTT**. El radio ignora la presión del botón **PTT** y permanece en el modo de emergencia.

Si presiona el botón **PTT** durante el *micrófono activo* y continúa presionándolo después de que la duración del *micrófono activo* expire, el radio continúa transmitiendo hasta que se libere el botón **PTT**.

Si la solicitud de la alarma de emergencia falla, el radio no vuelve a intentar el envío de la solicitud y entra directamente al estado de *micrófono activo*.



#### **AVISO:**

Es posible que algunos accesorios no sean compatibles con *micrófono activo*. Para obtener más información, consulte a su proveedor o administrador del sistema.

#### **7.6.20.4**

## **Envío de alarmas de emergencia seguidas por voz**

- 1 Presione el botón **Emergencia activada** programado.

Verá uno de estos resultados:

- En la pantalla aparecen el mensaje Alarma Tx y el alias de destino.

La luz LED verde se enciende. Aparece el ícono **Emergencia**.

- 
- 2 Cuando en la pantalla se muestre Alarma enviada, hable claramente al micrófono.

El radio deja de transmitir automáticamente:

- La duración del ciclo entre el *micrófono activo* y la recepción de llamadas expira si está activado el modo del ciclo de emergencias.
  - La duración del *micrófono activo* expira si el modo del ciclo de emergencia está desactivado.
-

- 3 Presione el botón **Emergencia desactivada** para salir del modo de emergencia.

El radio vuelve a la pantalla Inicio.

### 7.6.20.5

## Recepción de alarmas de emergencia

Cuando se recibe una alarma de emergencia:

- Se emite un tono.
- El LED parpadea en color rojo.
- En la pantalla aparece el ícono **Emergencia** y el alias de la persona que llama de emergencia o, si hay más de una alarma, todos los alias de las personas que realizaron una llamada de emergencia se muestran en la lista de alarmas.

- 1 Realice uno de los siguientes pasos:

- Si solo hay una alarma, presione  para ver más detalles.

- Si hay más de una alarma, presione ▲ o ▼ para acceder al alias deseado y, a continuación, presione  para ver más detalles.

- 2 Presione  para ver las opciones de acciones.

- 3 Presione  y seleccione **Sí** para salir de la lista de alarmas.

- 4 Presione  para obtener acceso al menú.

- 5 Seleccione **Lista de alarmas** para volver a ver la lista de alarmas.

- 6 El tono suena y el LED parpadea de color rojo hasta que salga del modo de emergencia. Sin embargo, el tono se puede silenciar. Realice uno de los siguientes pasos:
  - Presione el botón **PTT** para llamar al grupo de radios que recibió la alarma de emergencia.
  - Presione cualquier botón programable.

- Salga del modo de emergencia. Consulte [Salida del modo de emergencia después de recibir la alarma de emergencia en la página 556](#).

7 Para volver a la pantalla de inicio, haga lo siguiente:

- Presione .
- Presione  o  para acceder a Sí.
- Presione  para realizar la selección.

El radio vuelve a la pantalla de inicio y en la pantalla se muestra el ícono de emergencia.

 Si la función Indicación de canal libre está activada, se emite un breve tono de alerta en el momento en el que el radio transmisor libera el botón **PTT**, lo que indica que el canal está libre para responder.



#### AVISO:

Solo el radio que envía la alarma de emergencia puede transmitir la voz de emergencia. Los otros radios (incluido el radio que recibe la alerta de emergencia) transmite voz que no es de emergencia.

La luz LED verde se enciende. El radio permanece en modo de emergencia.

### 7.6.20.6

## Respuesta a alarmas de emergencia

- 1 Asegúrese de que la pantalla muestre la lista de alarmas. Presione  o  para obtener acceso al alias o ID requeridos.
- 2 Presione el botón **PTT** para transmitir voz que no sea de emergencia al mismo grupo al que se envía la alarma de emergencia.

3 Realice uno de los siguientes pasos:

- Espere a que el tono de permiso para hablar deje de sonar, si está activado, antes de hablar claramente al micrófono.
-  Espere a que el tono lateral **PTT** deje de sonar y hable claramente al micrófono si está activado.

4 Suelte el botón **PTT** para escuchar.

Cuando responde el radio que inició la emergencia:



- El LED verde parpadea.
- La pantalla muestra el ícono de **Llamada grupal**, el ID, el ID del radio transmisor y la lista de alarmas.

### 7.6.20.7

## Salida del modo de emergencia después de recibir la alarma de emergencia

Siga uno de los siguientes pasos para salir del modo de emergencia después de recibir la alarma de emergencia.

- Elimine los elementos de la alarma.
- Apague el radio.

### 7.6.20.8

## Reinicio del modo de emergencia

Realice una de las siguientes acciones:

- Cambie el canal mientras el radio está en el modo de emergencia.



### AVISO:

Puede reiniciar el modo de emergencia solo si activa la alarma de emergencia en el nuevo canal.

- Presione el botón programado **Emergencia activada** durante un estado de inicio/transmisión de emergencia.

El radio sale del modo de emergencia y reinicia la emergencia.

### 7.6.20.9

## Salida del modo de emergencia

Esta función solo se aplica al radio que envía la alarma de emergencia.

El radio sale del modo de emergencia cuando:

- Se recibe confirmación (solo para alarma de emergencia).
- Se agotaron todos los reintentos de enviar la alarma.

- El radio está apagado.

**AVISO:**

El radio no reiniciará automáticamente el modo de emergencia cuando se encienda de nuevo.

Siga el procedimiento para salir del modo emergencia en el radio.

Realice uno de los siguientes pasos:

- Presione el botón programado **Emergencia desactivada**.
- Apague el radio y, a continuación, vuelva a encenderlo, si se programó para permanecer en el canal revertidor de emergencia, incluso después de recibir la confirmación.
- Cambie el canal a uno nuevo que no tenga el sistema de emergencia configurado.  
La pantalla muestra Sin emergencia.

7.6.20.10

## Eliminación de un elemento de alarma de la lista de alarmas

1

Presione  para obtener acceso al menú.

2

Presione ▲ o ▼ para Lista de alarmas.

Presione  para realizar la selección.

3

Presione ▲ o ▼ para acceder al elemento de la alarma requerido. Presione  para realizar la selección.

4

Presione ▲ o ▼ para Borrar. Presione  para realizar la selección.

7.6.21

## Hombre caído

**AVISO:**

La función Hombre caído se aplica solo a DGP 5550e/DGP 8550e .

Esta función hace que se emita una emergencia si se produce un cambio en los movimientos del radio, como inclinación del radio, movimiento o ausencia de movimiento, durante un tiempo predefinido.

Después de un cambio en el movimiento del radio durante un tiempo programado, el radio proporciona una advertencia previa al usuario, mediante un indicador de audio, de que se detectó un cambio en el movimiento.

Si aún no hay una confirmación por parte del usuario antes de que expire el cronómetro del recordatorio predefinido, el radio inicia una alarma de emergencia o una llamada de emergencia. Puede programar el temporizador del recordatorio a través de CPS.

### 7.6.21.1

## Activación o desactivación de la función Man Down



### AVISO:

Tanto el botón programable de **Hombre caído** como la configuración de este se configuran a través del CPS. Consulte al distribuidor o administrador del sistema para determinar de qué manera se programó el radio.

Si desactiva la función Man Down, el tono de alerta programado se emite reiteradamente hasta que se active la función de hombre caído. Se emite un tono de falla del dispositivo cuando la función Man Down falla al encenderse. El tono de falla del dispositivo seguirá emitiéndose hasta que el radio vuelva a su funcionamiento normal.

Puede activar o desactivar esta función si realiza una de las siguientes acciones.

- Presione el botón programado **Hombre caído** para activar o desactivar la función.
- Acceda a esta función a través del menú.
  - a. Presione  para obtener acceso al menú.
  - b. Presione  o  para ir a Utilidades.  
  
Presione  para realizar la selección.
  - c. Presione  o  para ir a Configuración del radio. Presione  para realizar la selección.
  - d. Presione  o  para obtener acceso a Hombre caído. Presione  para realizar la selección.

También puede utilizar ◀ o ▶ para cambiar la opción seleccionada.

- e. Presione  para activar o desactivar Hombre caído.

Si está activado, ✓ aparece al lado de Activado.

Si está desactivado, ✓ desaparece de al lado de Activado.

## 7.6.22

# Mensajes de texto

El radio puede recibir datos, por ejemplo un mensaje de texto, desde otro radio o desde una aplicación de mensaje de texto.

Existen dos tipos de mensajes de texto: mensajes de texto cortos de radio móvil digital (DMR) y mensajes de texto. La extensión máxima de un mensaje de texto corto de DMR es de 23 caracteres. La extensión máxima de un mensaje de texto es de 280 caracteres, incluida la línea de asunto. La línea de asunto solo aparece cuando recibe mensajes desde aplicaciones de correo electrónico.



## AVISO:

La extensión máxima de caracteres se aplica solo a los modelos con la última versión de software y hardware. Para modelos de radio con versiones antiguas de software y hardware, la extensión máxima de un mensaje de texto es de 140 caracteres. Comuníquese con su distribuidor para solicitar más información.

## 7.6.22.1

# Mensajes de texto

Los mensajes de texto se almacenan en un buzón y se ordenan de más recientes a menos.

## 7.6.22.1.1

# Visualización de mensajes de texto

1

Presione  para obtener acceso al menú.

2

Presione ▲ o ▼ para ir a Mensajes. Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para ir a Bandeja de entrada.

Presione  para realizar la selección.

Si el buzón está vacío:

- La pantalla muestra Lista vacía.
- Se oye un tono si el tono de teclado está activado.

- 4 Presione ▲ o ▼ para acceder al mensaje

requerido. Presione  para realizar la selección.

Puede que se muestre una línea de asunto si el mensaje procede de una aplicación de correo electrónico.

### 7.6.22.1.2

## Visualización de los mensajes de texto con estado telemétrico

Siga el procedimiento para ver un mensaje de texto con estado telemétrico del buzón de entrada.

- 1 Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para acceder a Mensajes.

Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para Bandeja de entrada.

Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para acceder al mensaje

requerido. Presione  para realizar la selección.

No puede responder a un mensaje de texto con estado telemétrico.

La pantalla muestra Telemetría: <Mensaje de texto del estado>.

- 5 Mantenga presionado  para regresar a la pantalla de inicio.

## 7.6.22.1.3

## Visualización de mensajes de texto guardados

- 1 Realice uno de los siguientes pasos:
  - Presione el botón programado **Mensaje de texto**. Continúe con [paso 3](#).
  - Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a **Mensajes**. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para ir a **Borradores**. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para acceder al mensaje requerido. Presione  para realizar la selección.

---

## 7.6.22.1.4

## Respuesta a mensajes de texto

Siga el procedimiento para responder a los mensajes de texto en el radio.

Cuando recibe un mensaje de texto:

- La pantalla muestra la lista de notificaciones con el alias o el ID del remitente.
- La pantalla muestra el ícono **Mensaje**.



### AVISO:

El radio sale de la pantalla Alerta de mensajes de texto y realiza una llamada privada o grupal al remitente del mensaje si se presiona el botón **PTT**.

- 1 Realice uno de los siguientes pasos:
  - Presione ▲ o ▼ para **Leer**. Presione  para realizar la selección.  
La pantalla muestra el mensaje de texto. Puede que se muestre una línea de asunto si el mensaje procede de una aplicación de correo electrónico.
  - Presione ▲ o ▼ para **Leer más tarde**.  
Presione  para realizar la selección.

El radio regresará a la pantalla en la que se encontraba antes de recibir el mensaje de texto.

- Presione ▲ o ▼ para Borrar. Presione  para realizar la selección.

2

Presione  para regresar a Bandeja de entrada.

### 7.6.22.1.5

## Respuesta a mensajes de texto

Siga el procedimiento para responder a los mensajes de texto en el radio.

1 Realice uno de los siguientes pasos:

- Presione el botón programado **Mensaje de texto**. Continúe con el paso [paso 3](#).
- Presione  para obtener acceso al menú.

2 Presione ▲ o ▼ para acceder a Mensajes.

Presione  para realizar la selección.

3 Presione ▲ o ▼ para Bandeja de entrada.

Presione  para realizar la selección.

4 Presione ▲ o ▼ para acceder al mensaje

requerido. Presione  para realizar la selección.

Puede que se muestre una línea de asunto si el mensaje procede de una aplicación de correo electrónico.

5

Presione  para acceder al submenú.

6 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para acceder a Responder.

Presione  para realizar la selección.

- Presione ▲ o ▼ para acceder a Respuesta

rápida. Presione  para realizar la selección.

Aparece un cursor intermitente. Puede escribir o editar el mensaje, si es necesario.

7

Presione  una vez que haya redactado el mensaje.

La pantalla muestra un miniaviso de transición que confirma que el mensaje se está enviando.

8 Espere a que aparezca una confirmación.

Si se realizó correctamente:

- Se emite un tono.
- La pantalla muestra un miniaviso positivo.

Si no se realiza correctamente:

- Se emite un tono.
- La pantalla muestra un miniaviso negativo.
- El radio vuelve a la pantalla de la opción Reenviar.

Cuando se encuentre en la pantalla de la opción Reenviar:

1 Presione ▲ o ▼ para acceder a Reenviar, y

presione  para enviar el mismo mensaje a otro alias o ID de suscriptor o grupo.

2 Presione ▲ o ▼ para obtener acceso al alias o ID

requeridos. Presione  para realizar la selección. La pantalla muestra un miniaviso de transición que confirma que el mensaje se está enviando.

3 Espere a que aparezca una confirmación.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- La pantalla muestra un miniaviso positivo.

Si no se realiza correctamente:

- Suena un tono indicador negativo.
- La pantalla muestra un miniaviso negativo.

#### 7.6.22.1.6

### Transferencia de mensajes de texto

Siga el procedimiento para reenviar mensajes de texto en el radio.



7.6.22.1.7

## Transferencia de mensajes de texto mediante la marcación manual

Siga el procedimiento para reenviar mensajes de texto mediante la marcación manual del radio.

- 1 Presione ▲ o ▼ para Reenviar. Presione  para realizar la selección.
- 

- 2 Presione  para enviar el mismo mensaje a otro suscriptor o alias de grupo, o a otro ID.
- 

- 3 Presione ▲ o ▼ para acceder a Marcación manual. Presione  para realizar la selección.  
La pantalla muestra Número del radio:.
- 

- 4 Ingrese el ID del suscriptor y presione  para continuar.  
La pantalla muestra un miniaviso de transición que confirma que el mensaje se está enviando.
- 

- 5 Espere a que aparezca una confirmación.  
Si se realizó correctamente:
- Se emite un tono.
  - La pantalla muestra un miniaviso positivo.
- Si no se realiza correctamente:
- Se emite un tono.
  - La pantalla muestra un miniaviso negativo.
-

## 7.6.22.1.8

**Edición de mensajes de texto**

Seleccione **Editar** para editar el mensaje.

**AVISO:**

Si existe un asunto (para los mensajes recibidos desde una aplicación de correo electrónico), no puede editarlo.

- 1 Presione ▲ o ▼ para acceder a **Editar**. Presione  para realizar la selección.

La pantalla muestra un cursor intermitente.

- 2 Use el teclado para editar su mensaje.

- Presione ◀ para moverse un espacio hacia la izquierda.
- Presione ▶ o  para moverse un espacio hacia la derecha.
- Presione  para eliminar los caracteres no deseados.

- Presione prolongadamente  para cambiar el método de entrada de texto.

---

3

- Presione  una vez que haya redactado el mensaje.

- 
- 4 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para **Enviar** y presione  para enviar el mensaje.
  - Presione ▲ o ▼ para **Guardar** y presione  para guardar el mensaje en la carpeta **Borradores**.
  - Presione  para editar el mensaje.
  - Presione  para seleccionar entre eliminar el mensaje o guardarlo en la carpeta **Borradores**.
-

## 7.6.22.1.9

**Envío de mensajes de texto**

Se asume que tiene un nuevo mensaje de texto escrito o un mensaje de texto guardado.

Seleccione el destinatario del mensaje. Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para obtener acceso al alias o

ID requeridos. Presione  para realizar la selección.

- Presione ▲ o ▼ para ir a Marcación manual.

Presione  para realizar la selección. La primera línea de la pantalla muestra Número del radio!. En la segunda línea de la pantalla se muestra un cursor que parpadea. Escriba el alias

o ID del suscriptor. Presione .

La pantalla muestra un miniaviso de transición que confirma que el mensaje se está enviando.

Si se realizó correctamente:

- Se emite un tono.

- La pantalla muestra un miniaviso positivo.

Si no lo es:

- Se emite un tono bajo.
- La pantalla muestra un miniaviso negativo.
- El mensaje se trasladará a la carpeta Elementos enviados.
- El mensaje se marca con un ícono de Error de envío.

**AVISO:**

Para un nuevo mensaje de texto escrito, el radio vuelve a la pantalla de opción Reenviar.

## 7.6.22.1.10

**Edición de mensajes de texto guardados**

1

Presione  mientras ve el mensaje.

2

Presione  o  ir a Editar. Presione  para realizar la selección.

Aparece un cursor intermitente.

3 Use el teclado para escribir el mensaje.

Presione  para moverse un espacio hacia la izquierda.

Presione  o  para moverse un espacio hacia la derecha.

Presione  para eliminar los caracteres no deseados.

Presione prolongadamente  para cambiar el método de entrada de texto.

4

Presione  una vez que haya redactado el mensaje.

Realice uno de los siguientes pasos:

- Presione  o  para ir a Enviar. Presione  para enviar el mensaje.
- Presione . Presione  o  para elegir entre guardar o eliminar el mensaje. Presione  para realizar la selección.

#### 7.6.22.1.11

### Reenvío de mensajes de texto

Cuando se encuentre en la pantalla de la opción Reenviar:

Presione  para reenviar el mismo mensaje al mismo suscriptor o alias o ID de grupo.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- La pantalla muestra un miniaviso positivo.

Si no lo es:

- Suena un tono indicador negativo.

- La pantalla muestra un miniaviso negativo.
- El radio vuelve a la pantalla de la opción Reenviar.

### 7.6.22.1.12

## Eliminación de mensajes de texto del buzón

Siga el procedimiento para eliminar los mensajes de texto del buzón de su radio.

- 1 Realice uno de los siguientes pasos:
  - Presione el botón programado **Mensaje de texto**. Continúe con [paso 3](#).
  - Presione  para obtener acceso al menú.
- 2 Presione  o  para ir a Mensajes. Presione  para realizar la selección.

- 3 Presione  o  para ir a Bandeja de entrada.

Presione  para realizar la selección.

Si el buzón está vacío:

- La pantalla muestra Lista vacía.
- Se emite un tono.

- 4 Presione  o  para acceder al mensaje

requerido. Presione  para realizar la selección.

Puede que se muestre una línea de asunto si el mensaje procede de una aplicación de correo electrónico.

- 5 Presione  para acceder al submenú.

- 6 Presione  o  para Borrar. Presione  para realizar la selección.

7

Presione ▲ o ▼ para ir a **Sí**. Presione  para realizar la selección.

La pantalla muestra un miniaviso positivo. La pantalla vuelve al Buzón de correo.

## 7.6.22.1.13

## Eliminación de todos los mensajes de texto desde el buzón de correo

Siga el procedimiento para eliminar todos los mensajes de texto del buzón de su radio.

1 Realice uno de los siguientes pasos:

- Presione el botón programado **Mensaje de texto**. Continúe con [paso 3](#).

- Presione  para obtener acceso al menú.

2 Presione ▲ o ▼ para acceder a **Mensajes**.

Presione  para realizar la selección.

3 Presione ▲ o ▼ para **Bandeja de entrada**.

Presione  para realizar la selección.

Si el buzón está vacío:

- La pantalla muestra **Lista vacía**.
- Se emite un tono.

4 Presione ▲ o ▼ para **Borrar todo**. Presione

 para realizar la selección.

5 Presione ▲ o ▼ para acceder a **Sí**. Presione

 para realizar la selección.

La pantalla muestra un miniaviso positivo.

## 7.6.22.1.14

## Eliminación de mensajes de texto guardados de la carpeta **Borradores**

1 Realice uno de los siguientes pasos:

- Presione el botón programado **Mensaje de texto**. Continúe con [paso 3](#).

- Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para ir a Mensajes. Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para ir a Borradores. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para acceder al mensaje requerido. Presione  para realizar la selección.

- 5 Presione  nuevamente mientras visualiza el mensaje.

- 6 Presione ▲ o ▼ para Borrar. Presione  para eliminar el mensaje de texto.

## 7.6.22.2

### Mensajes de texto enviados

Una vez que el mensaje se haya enviado a otro radio, se guarda en la carpeta Enviados. El mensaje de texto enviado más recientemente siempre se agrega a la parte superior de la carpeta Enviados. Puede volver a enviar, transferir, editar o eliminar un mensaje de texto enviado.

La carpeta Enviados puede almacenar un máximo de 30 mensajes enviados últimamente. Si la carpeta está completa, el siguiente mensaje de texto enviado reemplaza automáticamente al mensaje de texto más antiguo de la carpeta.

Si sale de la pantalla de envío de mensaje mientras el mensaje se está enviando, el radio actualiza el estado del mensaje en la carpeta Enviados sin realizar ninguna indicación en la pantalla ni mediante ningún sonido.

Si el radio cambia de modo o se apaga antes de que se actualice el estado del mensaje en la carpeta Elementos enviados, no puede completar ningún mensaje en progreso y lo marca automáticamente con el ícono **Error de envío**.

El radio admite un máximo de cinco mensajes en progreso a la vez. Durante este período, el radio no puede enviar ningún mensaje nuevo y lo marca automáticamente con el ícono **Error de envío**.

Si presiona  de manera prolongada en cualquier momento, el radio regresa a la pantalla Inicio.



#### AVISO:

Si el tipo de canal, por ejemplo, un canal digital convencional o un canal de Capacity Plus, no coincide, solo puede editar, reenviar o eliminar un mensaje enviado.

#### 7.6.22.2.1

### Visualización de mensajes de texto enviados

Siga el procedimiento para ver los mensajes de texto enviados en el radio.

1 Realice uno de los siguientes pasos:

- Presione el botón programado **Mensaje de texto**. Continúe con [paso 3](#).

- Presione  para obtener acceso al menú.

2 Presione  o  para acceder a Mensajes.

Presione  para realizar la selección.

3 Presione  o  para acceder a Elementos

enviados. Presione  para realizar la selección.

Si la carpeta Enviados está vacía:

- La pantalla muestra Lista vacía.
- Suena un tono bajo si el tono del teclado está activado.

4 Presione  o  para acceder al mensaje

requerido. Presione  para realizar la selección.

Puede que se muestre una línea de asunto si el mensaje procede de una aplicación de correo electrónico.

#### 7.6.22.2.2

### Envío de mensajes de texto enviados

Siga el procedimiento para enviar un mensaje de texto enviado en el radio.



Cuando visualice un mensaje enviado:

- 1 Presione  mientras ve el mensaje.
- 2 Presione ▲ o ▼ para acceder a **Volver a enviar**. Presione  para realizar la selección.  
La pantalla muestra un miniaviso de transición que confirma que el mensaje se está enviando.
- 3 Espere a que aparezca una confirmación.  
Si se realizó correctamente:
  - Suena un tono indicador positivo.
  - La pantalla muestra un miniaviso positivo.Si no se realiza correctamente:
  - Suena un tono indicador negativo.
  - La pantalla muestra un miniaviso negativo.
  - El radio continúa con la pantalla de la opción **Volver a enviar**. Para obtener más

información, consulte [Reenvío de mensajes de texto en la página 197](#).

### 7.6.22.2.3

## Eliminación de todos los mensajes de texto enviados de la carpeta Enviados

Siga el procedimiento para eliminar todos los mensajes de texto enviados de la carpeta Enviados en el radio.

- 1 Realice uno de los siguientes pasos:
  - Presione el botón programado **Mensaje de texto**. Continúe con [paso 3](#).
  - Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para acceder a **Mensajes**.  
Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para acceder a **Elementos enviados**. Presione  para realizar la selección.  
Si la carpeta Enviados está vacía:

- La pantalla muestra **Lista vacía**.
- Se emite un tono.

---

4 Presione ▲ o ▼ para **Borrar todo**. Presione



para realizar la selección.

---

5 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para acceder a **Sí**. Presione



para realizar la selección.

La pantalla muestra un miniaviso positivo.

- Presione ▲ o ▼ para **No**. Presione  para realizar la selección.

El radio regresa a la pantalla anterior.

### 7.6.22.3

## Mensajes de texto rápido

El radio permite un máximo de 50 mensajes de texto rápidos, según lo programe su distribuidor.

Si bien los mensajes de texto rápido están predefinidos, puede editar cada mensaje antes de enviarlo.

### 7.6.22.3.1

## Envío de mensajes de texto rápidos

Siga el procedimiento para enviar mensajes de texto rápidos predefinidos en el radio a un alias predefinido.

- 1 Presione el botón programado **Acceso instantáneo**.

La pantalla muestra un miniaviso de transición que confirma que el mensaje se está enviando.

- 
- 2 Espere a que aparezca una confirmación.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- La pantalla muestra un miniaviso positivo.

Si no lo es:

- Suena un tono indicador negativo.
  - La pantalla muestra un miniaviso negativo.
  - El radio continúa con la pantalla de la opción **Volver a enviar**. Consulte [Reenvío de mensajes de texto en la página 197](#) para obtener más información.
-

7.6.23

## Codificación de mensajes analógicos

Su radio puede enviar mensajes preprogramados desde la lista de mensajes a un alias del radio o al despachador.

7.6.23.1

### Envío de mensajes de codificación de MDC a despachadores

Siga el procedimiento para enviar mensajes de codificación MDC a los despachadores en el radio.

- 1 Presione  para obtener acceso al menú.
- 2 Presione  o  para acceder a Mensaje.  
Presione  para realizar la selección.
- 3 Presione  o  para acceder a Texto rápido.  
Presione  para realizar la selección.

- 4 Presione  o  para acceder al mensaje requerido. Presione  para realizar la selección.  
La pantalla muestra un miniaviso de transición que confirma que el mensaje se está enviando.

- 5 Espere a que aparezca una confirmación.  
Si se realizó correctamente:
  - Suena un tono indicador positivo.
  - La pantalla muestra un miniaviso positivo.Si no se realiza correctamente:
  - Suena un tono indicador negativo.
  - La pantalla muestra un miniaviso negativo.

7.6.23.2

### Envío de mensajes de codificación de 5 tonos a contactos

Siga el procedimiento para enviar mensajes de codificación de Tono 5 a los contactos en el radio.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para acceder a Mensaje.  
Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para acceder a Texto rápido.  
Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para acceder al mensaje requerido. Presione  para realizar la selección.

---

- 5 Presione ▲ o ▼ para acceder al contacto deseado. Presione  para realizar la selección.  
La pantalla muestra un miniaviso de transición que confirma que el mensaje se está enviando.

---

- 6 Espere a que aparezca una confirmación.  
Si se realizó correctamente:
  - Suena un tono indicador positivo.

- La pantalla muestra un miniaviso positivo.
- Si no se realiza correctamente:
- Suena un tono indicador negativo.
  - La pantalla muestra un miniaviso negativo.

**AVISO:**

Para obtener más información, consulte a su proveedor o administrador del sistema.

## 7.6.24

## Actualización de estado analógico

El radio puede enviar mensajes preprogramados en la lista de estado para indicar su actividad actual a un contacto de radio (para sistemas de 5 tonos) o al despachador (para sistemas de comunicación de datos Motorola).

El último mensaje reconocido se mantiene en la parte superior de la lista de estados. Los otros mensajes se organizan en orden alfanumérico.

## 7.6.24.1

## Envío de actualizaciones de estado a contactos predefinidos

Siga el procedimiento para enviar actualizaciones de estado a los contactos predefinidos en el radio.

- 1 Presione  o  para acceder a Estado. Presione



para realizar la selección.

- 2 Presione  o  para acceder al estado

requerido. Presione  para realizar la selección.

Al presionar el botón **PTT** mientras se encuentre en la lista de estado en sistemas Tono 5, el radio envía la actualización del estado seleccionado y regresa a la pantalla Inicio para iniciar una llamada de voz.

- 3 Presione  o  para acceder a Establecer

como predeterminado. Presione  para realizar la selección.

La pantalla muestra un miniaviso de transición que confirma que la actualización de estado se está enviando.

- 4 Espere a que aparezca una confirmación.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- La pantalla muestra un miniaviso positivo.
- La pantalla muestra  junto al estado reconocido.

Si no se realiza correctamente:

- Suena un tono indicador negativo.
- La pantalla muestra un miniaviso negativo.
- La pantalla muestra  junto al estado anterior.

Consulte [Configuración de contacto predeterminado en la página 528](#) para obtener más información sobre cómo

configurar el contacto predeterminado para los sistemas Tono 5.

### 7.6.24.2

## Ver detalles de estado de 5 tonos

Siga el procedimiento para ver los detalles del estado de 5 tonos del radio.

Se asume que se ha adquirido la clave de licencia del software.

- 1 Presione ▲ o ▼ para acceder a Estado. Presione



para realizar la selección.

- 2 Presione ▲ o ▼ para acceder al estado deseado.



Presione para realizar la selección.

- 3 Presione ▲ o ▼ para acceder a Ver detalles.



Presione para realizar la selección.

La pantalla muestra detalles del estado seleccionado.

### 7.6.24.3

## Editar detalles de estado de 5 tonos

Siga el procedimiento para editar los detalles del estado de 5 tonos del radio.

- 1 Presione ▲ o ▼ para acceder a Estado. Presione



para realizar la selección.

- 2 Presione ▲ o ▼ para acceder al estado deseado.



Presione para realizar la selección.

- 3 Presione ▲ o ▼ para acceder a Editar. Presione



para realizar la selección.

- 4 Después de que aparezca un cursor intermitente, presione ◀ para desplazarse un espacio hacia la izquierda o presione ▶ para desplazarse un espacio hacia la derecha. Presione \*◀ para eliminar los caracteres no deseados. Presione # [icon] de manera prolongada para cambiar el método de entrada de

texto. Presione  cuando haya finalizado la edición.

La pantalla muestra Estado guardado y el radio vuelve a la lista de estados.

### 7.6.25

## Privacidad

La función de privacidad lo ayudará a evitar el uso indebido por parte de usuarios no autorizados en un canal mediante una solución de codificación basada en software. Los fragmentos de señalización e identificación del usuario de una transmisión no están codificados.

Su radio debe tener la privacidad activada en el canal para enviar una transmisión con privacidad activada, aunque esto no sea un requisito necesario para recibir una transmisión. Mientras esté en un canal con privacidad activada, el radio todavía podrá recibir transmisiones decodificadas o claras.

Es posible que algunos modelos del radio no ofrezcan una función de privacidad o tengan una configuración diferente. Para obtener más información, consulte a su proveedor o administrador del sistema.

El radio admite los siguientes tipos de privacidad, pero solo se puede asignar uno al radio. Estos son:

- Privacidad básica
- Privacidad mejorada

Para decodificar una transmisión de datos o una llamada con privacidad activada, el radio debe estar programado con las mismas claves de privacidad para la privacidad básica, o el mismo valor de clave e ID de clave para la privacidad mejorada, que el radio transmisor.

Si el radio recibe una llamada codificada con una clave de privacidad diferente, o un valor de clave y una ID de clave diferentes, escuchará una transmisión distorsionada en el caso de la privacidad básica o no escuchará nada en el caso de la privacidad mejorada.

En un canal con privacidad activada, el radio puede recibir transmisiones no encriptadas, según cómo esté programado el radio. Además, el radio puede reproducir un tono de advertencia o no, según cómo esté programado.

El LED se enciende en color verde mientras el radio transmite y parpadea dos veces cuando el radio recibe una transmisión continua con privacidad activada.



### AVISO:

Esta función no se aplica a canales de la banda de ciudadanos que están en la misma frecuencia.

## 7.6.25.1

## Activación o desactivación de la privacidad

Siga el procedimiento para activar o desactivar la privacidad en el radio.

- 1 Realice uno de los siguientes pasos:
  - Presione el botón programado **Privacidad**. Omita los pasos anteriores.
  - Presione  para obtener acceso al menú.

- 2 Presione  o  para ir a Utilidades. Presione  para realizar la selección.

- 3 Presione  o  para ir a Configuración del radio. Presione  para realizar la selección.

- 4 Presione  o  para ir a **<privacidad**

**requerida>**. Presione  para realizar la selección.

- Si la privacidad está activada, en la pantalla se muestra  junto a Activado.
- Si la privacidad está desactivada, en la pantalla se muestra una casilla vacía junto a Activado.

## 7.6.26

## Inhibición de respuesta

Esta función ayuda a evitar que el radio responda a cualquier transmisión entrante.



### AVISO:

Comuníquese con su proveedor para determinar cómo se programó el radio.

Si está activado, el radio no genera transmisiones salientes en respuesta a transmisiones entrantes, tales como verificación de radio, alerta de llamada, desactivar radio, monitor remoto, servicio de registro automático (ARS), respuesta a mensajes privados y envío de informes de ubicación GNSS.



El radio no puede recibir llamadas privadas confirmadas cuando esta función está activada. Sin embargo, puede enviar manualmente la transmisión.

### 7.6.26.1

## Activación/desactivación de Inhibición de respuesta

Siga el procedimiento para activar o desactivar Inhibición de respuesta en el radio.

Presione el botón programado **Inhibición de respuesta**.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- En la pantalla aparece brevemente un miniaviso positivo.

Si no lo es:

- Suena un tono indicador negativo.
- En la pantalla aparece un miniaviso negativo momentáneo.

### 7.6.27

## Seguridad

Esta función le permite activar o desactivar cualquier radio en el sistema.

Por ejemplo, podría querer desactivar un radio robado para impedir que cualquier usuario no autorizado lo utilice y activar ese radio una vez recuperado.

Existen dos formas de activar o desactivar un radio, con autenticación y sin autenticación.

Deshabilitación de radio autenticado es una función que se puede adquirir. En Deshabilitación de radio autenticado, se requiere verificación cuando activa o desactiva un radio. Cuando el radio inicia esta función en un radio de destino con Autenticación de usuario, se requiere una contraseña. La contraseña se programa en el radio de destino a través del CPS.

No recibirá una confirmación si presiona  durante el proceso de activación o desactivación del radio.



### AVISO:

Para obtener más información, consulte a su proveedor o administrador del sistema.

## 7.6.27.1

**Desactivación de los radios** 

Siga el procedimiento para desactivar su radio.

1 Presione el botón programado **Desactivar radio**.

2 Presione  o  para obtener acceso al alias o ID requeridos.

3 Presione  para realizar la selección. Ocurrirá una de las siguientes situaciones:

- La pantalla muestra Deshab. Radio: <Alias o ID del suscriptor>. El LED verde parpadea.
- Aparecerá una pantalla de contraseña.

Introduzca la contraseña. Presione  para continuar.

- Si la contraseña es correcta, la pantalla muestra un miniaviso de transición que indica que la solicitud está en curso. La luz LED verde se enciende.

- Si la contraseña es incorrecta, la pantalla muestra un miniaviso negativo y vuelve a la pantalla anterior.

4 Espere a que aparezca una confirmación.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- La pantalla muestra un miniaviso positivo.

Si no se realiza correctamente:

- Suena un tono indicador negativo.
- La pantalla muestra un miniaviso negativo.

## 7.6.27.2

**Desactivación de los radios mediante la lista de contactos** 

Siga el procedimiento para desactivar su radio mediante la lista de contactos.

1

Presione  para obtener acceso al menú.

2 Presione ▲ o ▼ para acceder a

Contactos. Presione  para realizar la selección.

3 Presione ▲ o ▼ para obtener acceso al alias o ID

requeridos. Presione  para realizar la selección.

4 Presione ▲ o ▼ para acceder a Desactivar radio.

5 Presione  para realizar la selección. Ocurrirá una de las siguientes situaciones:

- La pantalla muestra Desactivar radio: <Alias o ID del suscriptor>. El LED verde parpadea.
- Aparecerá una pantalla de contraseña.

Introduzca la contraseña. Presione  para continuar.

- Si la contraseña es correcta, la pantalla muestra un miniaviso de transición que indica

que la solicitud está en curso. La luz LED verde se enciende.

- Si la contraseña es incorrecta, la pantalla muestra un miniaviso negativo y vuelve a la pantalla anterior.

6 Espere a que aparezca una confirmación.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- La pantalla muestra un miniaviso positivo.

Si no se realiza correctamente:

- Suena un tono indicador negativo.
- La pantalla muestra un miniaviso negativo.

### 7.6.27.3

## Desactivación de los radios mediante la marcación manual

Siga el procedimiento para desactivar su radio mediante la marcación manual.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para acceder a Contactos.  
Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para acceder a Marcación manual. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para acceder a Número del radio. Presione  para realizar la selección.  
La primera línea de texto muestra Número del radio:.

---

- 5 Ingrese el ID del suscriptor y presione  para continuar.

---

- 6 Presione ▲ o ▼ para acceder a Desactivar radio.

---

- 7 Presione  para realizar la selección. Ocurrirá una de las siguientes situaciones:
  - La pantalla muestra un miniaviso de transición que indica que la solicitud está en curso. El LED verde parpadea.
  - Aparecerá una pantalla de contraseña.

Introduzca la contraseña. Presione  para continuar.

  - Si la contraseña es correcta, la pantalla muestra un miniaviso de transición que indica que la solicitud está en curso. La luz LED verde se enciende.
  - Si la contraseña es incorrecta, la pantalla muestra un miniaviso negativo y vuelve a la pantalla anterior.

---

- 8 Espere a que aparezca una confirmación.  
Si se realizó correctamente:
  - Suena un tono indicador positivo.
  - La pantalla muestra un miniaviso positivo.

---

Si no se realiza correctamente:

- Suena un tono indicador negativo.
- La pantalla muestra un miniaviso negativo.

### 7.6.27.4

## Activación de los radios

Siga el procedimiento para activar su radio.

1 Presione el botón programado **Activar radio**.

2 Presione  o  para obtener acceso al alias o ID requeridos.

3 Presione  para realizar la selección. Ocurrirá una de las siguientes situaciones:

- La pantalla muestra `Activar radio: <Alias o ID del suscriptor>`. La luz LED verde se enciende.
- Aparecerá una pantalla de contraseña.

Introduzca la contraseña. Presione  para continuar.

- Si la contraseña es correcta, la pantalla muestra un miniaviso de transición que indica que la solicitud está en curso. La luz LED verde se enciende.
- Si la contraseña es incorrecta, la pantalla muestra un miniaviso negativo y vuelve a la pantalla anterior.

4 Espere a que aparezca una confirmación.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- La pantalla muestra un miniaviso positivo.

Si no se realiza correctamente:

- Suena un tono indicador negativo.
- La pantalla muestra un miniaviso negativo.

## 7.6.27.5

## Activación de los radios mediante la lista de contactos

Siga el procedimiento para activar su radio mediante la lista de contactos.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para acceder a Contactos.  
Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para acceder a Activar radio.

---

- 5 Presione  para realizar la selección. Ocurrirá una de las siguientes situaciones:

- La pantalla muestra Activar radio: <Alias o ID del suscriptor>. La luz LED verde se enciende.
- Aparecerá una pantalla de contraseña.

Introduzca la contraseña. Presione  para continuar.

- Si la contraseña es correcta, la pantalla muestra un miniaviso de transición que indica que la solicitud está en curso. La luz LED verde se enciende.
- Si la contraseña es incorrecta, la pantalla muestra un miniaviso negativo y vuelve a la pantalla anterior.

- 
- 6 Espere a que aparezca una confirmación.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- La pantalla muestra un miniaviso positivo.

Si no se realiza correctamente:

- Suena un tono indicador negativo.

- La pantalla muestra un miniaviso negativo.

### 7.6.27.6

## Activación de los radios mediante la marcación manual

Siga el procedimiento para activar su radio mediante la marcación manual.

- 1 Presione  para obtener acceso al menú.
- 2 Presione  o  para acceder a **Contactos**.  
Presione  para realizar la selección.
- 3 Presione  o  para acceder a **Marcación manual**. Presione  para realizar la selección.

- 4 Presione  o  para acceder a **Llamada privada**. Presione  para realizar la selección.  
La primera línea de texto muestra **Número del radio**:

- 5 Ingrese el ID del suscriptor y presione  para continuar.

- 6 Presione  o  para acceder a **Activar radio**.

- 7 Presione  para realizar la selección. Ocurrirá una de las siguientes situaciones:

- La pantalla muestra **Activar radio: <Alias o ID del suscriptor>**. La luz LED verde se enciende.
- Aparecerá una pantalla de contraseña.

Introduzca la contraseña. Presione  para continuar.

- Si la contraseña es correcta, la pantalla muestra un miniaviso de transición que indica que la solicitud está en curso. La luz LED verde se enciende.
- Si la contraseña es incorrecta, la pantalla muestra un miniaviso negativo y vuelve a la pantalla anterior.

## 8 Espere a que aparezca una confirmación.

Si se realizó correctamente:

- Suena un tono indicador positivo.
- La pantalla muestra un miniaviso positivo.

Si no se realiza correctamente:

- Suena un tono indicador negativo.
- La pantalla muestra un miniaviso negativo.

### 7.6.28

## Trabajador Solitario

Esta función hace que aparezca una emergencia si no hay actividad por parte del usuario, como la presión de un

botón del radio o la selección de un canal, durante un tiempo predefinido.

Una vez transcurrida la duración programada sin detectar ninguna actividad por parte del usuario, el radio le avisa mediante un indicador de audio una vez que expira el temporizador de inactividad.

Si aún no hay confirmación por parte del usuario antes de que caduque el temporizador del recordatorio predefinido, el radio inicia una alarma de emergencia.

Solamente se asigna una de las siguientes alarmas de emergencia a esta función:

- Alarma de emergencia
- Alarma de emergencia con llamada
- Alarma de emergencia con voz para seguir 

El radio permanece en el estado de emergencia y permite que los mensajes de voz continúen hasta que se tome alguna medida. Consulte [Funcionamiento de emergencia en la página 549](#) para obtener más información acerca de las formas para salir del modo de emergencia.



### AVISO:

Para obtener más información, consulte a su proveedor o administrador del sistema.



## 7.6.29

### Bloqueo de contraseña

Puede configurar una contraseña para restringir el acceso al radio. Cada vez que encienda el radio, se le pedirá ingresar la contraseña.

El radio es compatible con una contraseña de 4 dígitos.

El radio no puede recibir ninguna llamada mientras está en estado de bloqueo.

#### 7.6.29.1

### Acceso al radio mediante contraseña

Encienda el radio.

- 1 Ingrese la contraseña de cuatro dígitos.
  - a Para editar el valor numérico de cada dígito, presione ▲ o ▼. Para ingresar y pasar al siguiente dígito, presione .

## 2

Presione  para confirmar la contraseña.

Si ingresa la contraseña correctamente, el radio se enciende.

Si ingresa una contraseña incorrecta después del primer y el segundo intento, en el radio se mostrarán las siguientes indicaciones:

- Se emite un tono continuo.
- En la pantalla aparece el mensaje Contraseña incorrecta.

Repita [paso 1](#).

Si ingresa una contraseña incorrecta después del tercer intento, en el radio se mostrarán las siguientes indicaciones:

- Se emite un tono.
- El LED amarillo parpadea dos veces.
- En la pantalla, se muestra Contraseña incorrecta y, luego, Radio bloqueado.

- El radio ingresa al estado de bloqueo durante 15 minutos.

**AVISO:**

En estado bloqueado, el radio responde solo a las entradas de la **perilla de control de encendido/apagado/volumen** y del botón programado **Luz de fondo**.

Espere que finalice el temporizador de estado bloqueo de 15 minutos y, luego, repita [paso 1](#).

**AVISO:**

Si apaga y enciende el radio nuevamente, se reinicia el temporizador de 15 minutos.

## 7.6.29.2

## Activación o desactivación del bloqueo de la contraseña

Siga el procedimiento para activar o desactivar el bloqueo de la contraseña en el radio.

1

Presione  para obtener acceso al menú.

2 Presione  o  para ir a Utilidades. Presione  para realizar la selección.

3 Presione  o  para ir a Configuración del radio. Presione  para realizar la selección.

4 Presione  o  para acceder a Bloq. contras. Presione  para realizar la selección.

5 Ingrese su contraseña actual de cuatro dígitos.

- Utilice un micrófono con teclado.
- Presione  o  para editar el valor numérico

de cada dígito y presione  para ingresarlo y pasar al siguiente dígito. Se emite un tono indicador positivo para cada dígito que presione.

6

Presione  para ingresar la contraseña.

Si la contraseña no es correcta, en la pantalla se muestra **Contraseña incorrecta** y regresará automáticamente al menú anterior.

### 7 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para Encender. Presione



para realizar la selección.

La pantalla muestra ✓ junto a Encender.

- Presione ▲ o ▼ para Apagar. Presione



para realizar la selección.

La pantalla muestra ✓ junto a Apagar.

#### 7.6.29.3

### Desbloqueo de radios en estado bloqueado

El radio no puede recibir ninguna llamada mientras está en estado de bloqueo. Siga el procedimiento para desbloquear el radio en estado bloqueado.

Realice uno de los siguientes pasos:

- Si el radio está encendido, espere 15 minutos y luego repita los pasos de [Acceso al radio mediante contraseña en la página 224](#) para acceder al radio.
- Si el radio está apagado, enciéndalo. El radio reinicia el temporizador de 15 minutos para el estado de bloqueo. Se emite un tono. El LED amarillo parpadea dos veces. En la pantalla aparece el mensaje **Radio bloqueado**.

Esperar 15 minutos y luego repita los pasos de [Acceso al radio mediante contraseña en la página 224](#) para acceder al radio.

#### 7.6.29.4

### Cambio de contraseñas

Siga el procedimiento para cambiar las contraseñas en el radio.

1

Presione  para obtener acceso al menú.

2

Presione ▲ o ▼ para ir a Utilidades. Presione



para realizar la selección.

3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

4 Presione ▲ o ▼ para acceder a Bloq. contras. Presione  para realizar la selección.

---

5 Ingrese la contraseña actual de cuatro dígitos y, a continuación, presione  para continuar.  
Si la contraseña no es correcta, en la pantalla se muestra Contraseña incorrecta y regresará automáticamente al menú anterior.

---

6 Presione ▲ o ▼ para acceder a Camb. contras. Presione  para realizar la selección.

---

7 Ingrese la contraseña nueva de cuatro dígitos y, a continuación, presione  para continuar.

---

8 Vuelva a ingresar la nueva contraseña de cuatro dígitos y, a continuación, presione  para continuar.

Si es correcta, la pantalla muestra Contraseña cambiada.  
Si es incorrecta, la pantalla muestra Contraseñas no coinciden.

La pantalla vuelve automáticamente al menú anterior.

---

### 7.6.30

## Lista de notificaciones

El radio tiene una lista de notificaciones en la que se recopilan todos los eventos “no leídos” del canal, como los mensajes de texto no leídos, los mensajes de telemetría, las llamadas perdidas y las alertas de llamada.

La pantalla muestra el ícono de **Notificación** si la lista de notificaciones tiene uno o más eventos.

La lista permite un máximo de 40 eventos sin leer. Cuando se llena, el siguiente evento reemplaza automáticamente al

evento más antiguo. Una vez que se leen los eventos, se eliminan de la lista de notificaciones.

Para los eventos de alerta de llamada, llamadas perdidas o mensajes de texto, el número máximo de notificaciones es de 30 mensajes de texto y 10 alertas de llamada o llamadas perdidas. Este número máximo depende de la capacidad de lista de la función individual (alertas de llamada, llamadas perdidas, mensajes de texto o fichas de trabajo).

### 7.6.30.1

## Acceso a la lista de notificaciones

Siga el procedimiento para acceder a la lista de notificaciones en el radio.

- 1 Realice uno de los siguientes pasos:
  - Presione el botón programado **Notificación**. Omita los siguientes pasos.
  - Presione  para obtener acceso al menú.

- 
- 2 Presione  para obtener acceso al menú.
- 

- 3 Presione  o  para acceder a **Notificación**.

Presione  para realizar la selección.

---

- 4 Presione  o  para acceder al evento deseado.

Presione  para realizar la selección.

Mantenga presionado  para regresar a la pantalla de inicio.

---

### 7.6.31

## Sistema transpondedor de rango

### automático



El Sistema transpondedor de rango automático (ARTS) es una función solo analógica diseñada para informar cuando el radio está fuera de rango de otros radios equipados con ARTS.

Los radios equipados con ARTS transmiten o reciben señales periódicamente para confirmar que se encuentran dentro del rango entre sí.

El radio proporciona las siguientes indicaciones de estado:

#### Alerta por primera vez

Se emite un tono.

En la pantalla, se muestra el alias del canal y el estado

En rango.

#### Alerta de ARTS en rango

Si está programado, se emite un tono.

En la pantalla, se muestra el alias del canal y el estado

En rango.

#### Alerta de ARTS fuera de rango

Se emite un tono. El LED rojo parpadea rápidamente.

La pantalla muestra Fuera de cobert. y se alterna con la pantalla de inicio.



#### AVISO:

Para obtener más información, consulte a su proveedor o administrador del sistema.

### 7.6.32

## Programación Over-the-Air (vía aire)



El distribuidor puede actualizar de forma remota el radio a través de la programación inalámbrica (OTAP) sin

conexión física. Además, también se pueden ajustar algunas configuraciones mediante OTAP.

Cuando el radio se somete a OTAP, el LED verde parpadea.

Cuando el radio recibe datos de gran volumen:

- La pantalla muestra el ícono **Datos de gran volumen**.
- El canal queda ocupado.
- Suena un tono negativo si presiona el botón **PTT**.

Cuando finaliza la OTAP, según la configuración:

- Se emite un tono. En la pantalla se muestra Actualizando y reiniciando. El radio se reinicia cuando se lo apaga y se lo vuelve a encender.
- Puede seleccionar Reiniciar ahora o Posponer. Cuando se selecciona Posponer, el radio regresa a la pantalla anterior. La pantalla muestra el ícono **Cronómetro de retardo de OTAP** hasta que se realiza el reinicio automático.

Cuando el radio se enciende después de un reinicio automático:

- Si se realiza correctamente, la pantalla muestra Actual. soft. finalizada.

- Si la actualización del programa no se realiza correctamente, se emite un tono, el LED rojo parpadea una vez y en la pantalla se muestra Actual. soft. fallida.

**AVISO:**

Si la actualización de programación no se realiza correctamente, las indicaciones de actualización de software fallida aparecerán cada vez que encienda el radio. Comuníquese con el distribuidor para reprogramar el radio con el software más reciente a fin de eliminar las indicaciones de actualización de software fallida.

Consulte [Comprobación de la información sobre la actualización de software en la página 266](#) para obtener la versión de software actualizada.

### 7.6.33

## Inhibición de transmisión

La función Inhibición de transmisión permite a los usuarios bloquear toda la transmisión del radio.

**AVISO:**

Las funciones Bluetooth y Wi-Fi están disponibles en el modo Inhibición de transmisión.

### 7.6.33.1

## Activación de la inhibición de la transmisión

Siga el procedimiento para activar la inhibición de transmisión.

Realice una de las siguientes acciones:

- Presione ▲ o ▼ para Inhibición de Tx y presione  para seleccionar.
- Presione el botón programable **Inhibición de transmisión**.

- Suena un tono indicador positivo.
- La pantalla muestra Inhibición de Tx encendida.

**AVISO:**

El estado de la inhibición de transmisión no cambiará después de que el radio se enciende.

## 7.6.33.2

## Desactivación de la inhibición de la transmisión

Siga el procedimiento para desactivar la inhibición de transmisión.

Realice una de las siguientes acciones:

- Presione ▲ o ▼ para Inhibición de Tx y presione  para seleccionar.
  - Presione el botón programable **Inhibición de transmisión**.
- 
- Suena un tono indicador negativo. La transmisión regresa al funcionamiento normal.
  - La pantalla muestra Inhibición de Tx apagada.

## 7.6.34

## Funcionamiento de Wi-Fi

Esta función le permite configurar una red Wi-Fi y conectarse a ella. Wi-Fi es compatible con actualizaciones de firmware, codeplug y recursos de radio, como paquetes de idioma y anuncio de voz.



### AVISO:

Esta función solo se aplica a DGP 5550e/DGP 8550e.

Wi-Fi® es una marca comercial registrada de Wi-Fi Alliance®.

El radio es compatible con redes Wi-Fi WPA/WPA2 empresariales y WEP/WPA/WPA2 personales.

### Red Wi-Fi WEP/WPA/WPA2 personal

Utiliza una clave (contraseña) precompartida basada en autenticación.

La clave precompartida se puede ingresar usando el menú o CPS/RM.

### Red Wi-Fi WPA/WPA2 empresarial

Utiliza autenticación basada en certificados.

El radio debe estar configurado previamente con un certificado.



### AVISO:

Consulte con su distribuidor o administrador del sistema para conectarse a una red Wi-Fi WPA/ WPA2 empresarial.

El distribuidor o administrador del sistema asignan el botón programado **Wi-Fi encendida o apagada**. Consulte al



distribuidor o administrador del sistema para determinar de qué manera se programó el radio.

Los anuncios de voz para el botón programado **Wi-Fi encendida o apagada** se pueden personalizar a través del CPS según los requisitos del usuario. Para obtener más información, consulte a su proveedor o administrador del sistema.



### AVISO:

Puede activar o desactivar una conexión Wi-Fi de forma remota mediante un radio designado (consulte [Activación o desactivación de una conexión Wi-Fi de manewra remota mediante un radio designado \(control individual\) en la página 233](#) y [Activación o desactivación de una conexión Wi-Fi de manera remota mediante un radio designado \(control grupal\) en la página 234](#) ). Para obtener más información, consulte a su proveedor o administrador del sistema.

#### 7.6.34.1

### Encendido o apagado de Wi-Fi

- 1 Presione el botón programado **encendido o apagado del Wi-Fi**. El anuncio de voz se emite cuando se enciende o apaga Wi-Fi.

- 2 Acceda a esta función a través del menú.

- a Presione  para acceder al menú.
- b Presione  o  para ir a Wi-Fi y presione  para seleccionar.
- c Presione  o  para ir a Wi-Fi activado y presione  para seleccionar.
- d Presione  para activar/desactivar Wi-Fi.  
Si el Wi-Fi está activado, en la pantalla se muestra  junto a Activado.  
Si el Wi-Fi está desactivado, se dejará de mostrar  junto a Activado.

#### 7.6.34.2

### Activación o desactivación de una conexión Wi-Fi de manewra remota

## mediante un radio designado (control individual)

Puede activar o desactivar el Wi-Fi de manera remota en el control individual (uno a uno).



### AVISO:

Solo los radios con la configuración específica del CPS admiten esta función; consulte a su distribuidor o administrador del sistema para obtener más información.

#### 1 Realice uno de los siguientes pasos:

- Mantenga presionado el botón programable. Use

el teclado para ingresar el ID y presione  para seleccionar. Continúe con [paso 4](#).

- Presione  para acceder al menú.

#### 2 Presione o para ir a **Contactos** y presione

 para seleccionar.

#### 3 Use uno de los pasos descritos a continuación para seleccionar el alias del suscriptor requerido:

- Sleccione el alias del suscriptor directamente.
  - Presione  o  para el alias o ID de suscriptor requerido.
- Use el menú de **Marcdo. manual**.
  - Presione  o  para ir a **Marcación manual** y presione  para seleccionar.
  - Selecione el número de radio y utilice el teclado para ingresar el ID. Presione  para realizar la selección.

#### 4 Presione o para ir a **Control Wi-Fi** y

presione  para realizar la selección.

#### 5 Presione o para seleccionar **Activar o Desactivar**.

#### 6 Presione para realizar la selección.

Si se realiza correctamente, en la pantalla aparece un miniaviso positivo.

Si no se realiza correctamente, en la pantalla aparece un miniaviso negativo.

### 7.6.34.3

## Activación o desactivación de una conexión Wi-Fi de manera remota mediante un radio designado (control grupal)

Puede activar o desactivar el Wi-Fi de manera remota en el control grupal (uno a varios).



#### AVISO:

Solo los radios con la configuración específica del CPS admiten esta función; consulte a su distribuidor o administrador del sistema para obtener más información.

1 Presione  para acceder al menú.

---

2 Presione ▲ o ▼ para ir a Contactos y presione  para seleccionar.

---

3 Presione ▲ o ▼ para seleccionar el alias o ID de suscriptor requerido.

---

4 Presione ▲ o ▼ para ir a Control Wi-Fi y presione  para realizar la selección.

---

5 Presione ▲ o ▼ para seleccionar Activar o Desactivar.

---

6 Presione  para realizar la selección.

---

Si se realiza correctamente, en la pantalla aparecerá Enviado correctamente.

Si no se realiza correctamente, en la pantalla aparece un miniaviso negativo.

## 7.6.34.4

## Conexión a un punto de acceso de red

Cuando se activa la red Wi-Fi, el radio busca y se conecta a un punto de acceso de red.

**AVISO:**

También puede conectarse a un punto de acceso de red a través del menú.

Los puntos de acceso de la red Wi-Fi WPA empresarial están previamente configurados. Consulte al distribuidor o administrador del sistema para determinar de qué manera se programó el radio.

1

Presione  para acceder al menú.

2

Presione  o  para Wi-Fi y presione  para seleccionar.

3

Presione  o  para Redes y presione  para seleccionar.

- 4 Presione  o  para obtener acceso a un punto de acceso a la red y presione  para seleccionar.

**AVISO:**

En el caso de una red WPA empresarial, si un punto de acceso no está previamente configurado, la opción *Conectar* no estará disponible.

- 5 Presione  o  para obtener acceso a *Conectar* y presione  para seleccionar.

- 6 En el caso de una red Wi-Fi WPA personal, ingrese la contraseña y presione .

- 7 En el caso de una red Wi-Fi WPA empresarial, la contraseña se configura mediante RM.

Si la contraseña preconfigurada es correcta, su radio se conecta automáticamente al punto de acceso de red seleccionado.

Si la contraseña preconfigurada es incorrecta, la pantalla muestra Error de autenticación y regresa automáticamente al menú anterior.

Si la conexión se realiza correctamente, el radio muestra un aviso y el punto de acceso de red se guarda en la lista de perfiles.

Si la conexión no se realiza correctamente, el radio muestra momentáneamente en pantalla el aviso de falla y regresa automáticamente al menú anterior.

### 7.6.34.5

## Comprobación del estado de la conexión Wi-Fi

Presione el botón programado **Consulta de estado de Wi-Fi** para ver el estado de la conexión mediante el anuncio de voz. El anuncio de voz suena cuando Wi-Fi está apagado, está encendido, pero no sin conexión o cuando está encendido con conexión.

- En la pantalla aparece el mensaje Wi-Fi apagada cuando la conexión Wi-Fi está desactivada.

- En la pantalla aparece el mensaje Wi-Fi encendida, conectado cuando el radio está conectado a una red.
- En la pantalla aparece el mensaje Wi-Fi encendida, desconectado cuando la conexión Wi-Fi está encendida, pero el radio no está conectado a ninguna red.

Los anuncios de voz para los resultados de la consulta de estado de Wi-Fi se pueden personalizar a través de CPS según los requisitos del usuario. Para obtener más información, consulte a su proveedor o administrador del sistema.



### AVISO:

El distribuidor o el administrador del sistema asignan el botón programado **Consulta de estado de Wi-Fi**. Consulte al distribuidor o administrador del sistema para determinar de qué manera se programó el radio.

### 7.6.34.6

## Actualizar la lista de redes

- Realice las siguientes acciones para actualizar la lista de redes a través del menú.

- a. Presione  para acceder al menú.
- b. Presione ▲ o ▼ para ir a Wi-Fi y presione  para seleccionar.
- c. Presione ▲ o ▼ para ir a Redes y presione  para seleccionar.

Cuando ingresa al menú Redes, el radio actualiza automáticamente la lista de redes.

- Si ya se encuentra en el menú Redes, realice la siguiente acción para actualizar la lista de redes.  
Presione ▲ o ▼ para ir a Actualizar y presione  para seleccionar.

El radio se actualiza y muestra la lista de redes más reciente.

## Agregar una red



### AVISO:

Esta tarea no aplica a las redes Wi-Fi WPA empresariales.

Si una red preferida no está en la lista de redes disponibles, realice las siguientes acciones para agregar una red.

1

Presione  para acceder al menú.

---

2

Presione ▲ o ▼ para Wi-Fi y presione  para seleccionar.

---

3

Presione ▲ o ▼ para Redes y presione  para seleccionar.

---

4

Presione ▲ o ▼ hasta Agregar red y presione  para seleccionar.

---

- 5 Introduzca el identificador de red SSID y presione



.

6

Presione ▲ o ▼ para Abrir y presione  para seleccionar.

7

Ingrese la contraseña y presione .

El radio muestra un miniaviso positivo para indicar que la red se guardó correctamente.

2

Presione ▲ o ▼ para Wi-Fi y presione  para seleccionar.

3

Presione ▲ o ▼ para Redes y presione  para seleccionar.

4

Presione ▲ o ▼ para obtener acceso a un punto de acceso a la red y presione  para seleccionar.

5

Presione ▲ o ▼ para Ver detalles y presione  para seleccionar.



#### AVISO:

Las redes Wi-Fi WPA personales y WPA empresariales muestran detalles distintos de los puntos de acceso a la red.

#### Wi-Fi WPA personal

En el caso de un punto de acceso de red conectado, el radio muestra el identificador de red (SSID), el modo de seguridad, la dirección de control de acceso al medio (MAC) y la dirección de protocolo de Internet (IP).

#### 7.6.34.8

## Visualizar los detalles de los puntos de acceso de red

Puede ver detalles de los puntos de acceso de red.

1

Presione  para acceder al menú.

En el caso de un punto de acceso de red no conectado, el radio muestra SSID y el modo de seguridad.

### Wi-Fi WPA empresarial

En el caso de un punto de acceso de red conectado, el radio muestra SSID, el modo de seguridad, la identidad, el método EAP (Protocolo de autenticación extendida), la autenticación de fase 2, el nombre del certificado, la dirección MAC, la dirección IP, el gateway, y las direcciones DNS1 y DNS2.

En el caso de un punto de acceso de red no conectado, la radio muestra SSID, el modo de seguridad, la identidad, el método EAP, la autenticación de fase 2 y el nombre del certificado.

Realice las siguientes acciones para eliminar los puntos de acceso de red de la lista de perfiles.

- 1 Presione  para acceder al menú.

---

- 2 Presione ▲ o ▼ para Wi-Fi y presione  para seleccionar.

---

- 3 Presione ▲ o ▼ para Redes y presione  para seleccionar.

---

- 4 Presione ▲ o ▼ hasta el punto de acceso de red seleccionado y presione  para seleccionar.

---

- 5 Presione ▲ o ▼ hasta Eliminar y presione  para seleccionar.

---

#### 7.6.34.9

### Retirar los puntos de acceso de red



#### AVISO:

Esta tarea no aplica a las redes Wi-Fi empresariales.



6

Presione ▲ o ▼ hasta Sí y presione  para seleccionar.

El radio muestra un miniaviso positivo para indicar que el punto de acceso de red seleccionado se eliminó correctamente.

### 7.6.35

## Programación del panel frontal

Puede personalizar determinados parámetros de funciones en la Programación del panel frontal (FPP) para mejorar el uso del radio.

Utilice los siguientes botones según sea necesario mientras navega a través de los parámetros de configuración.

### Botón de navegación hacia arriba/hacia abajo

Pulse para desplazarse por las opciones en sentido horizontal o vertical, así como para aumentar o disminuir los valores.

### Botón Menú/Aceptar

Pulse para seleccionar la opción o ingresar en un submenú.

### Botón Volver/Inicio

Presione brevemente para regresar al menú anterior o salir de la pantalla de selección.

Presione de manera prolongada en cualquier momento para volver a la pantalla Inicio.

### 7.6.35.1

## Ingreso al Modo de programación del panel frontal

1

Presione  para obtener acceso al menú.

2

Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

3

Presione ▲ o ▼ para ir a Programar radio.  
Presione  para realizar la selección.

## 7.6.35.2

## Edición de los parámetros del modo FPP

Utilice los siguientes botones como sea necesario mientras navega a través de los parámetros de funciones.

- ▲ , ▼ : desplácese por las opciones, aumente o disminuya los valores, o desplácese en dirección vertical.
-  : seleccione la opción o ingrese a un submenú.
-  : realice una pulsación breve para regresar al menú anterior o para salir de la pantalla de selección. Presione de manera prolongada para regresar a la pantalla de inicio.

## 7.7

## Empresas de servicios públicos

En este capítulo se explican las operaciones de las funciones de las herramientas disponibles en el radio.

## 7.7.1

## Opciones de bloqueo del teclado

Con esta función, puede evitar presionar botones o cambiar canales accidentalmente cuando el radio no está en uso. Puede optar por bloquear el teclado, la perilla de selección de canales o ambos, según lo que necesite.

El proveedor puede utilizar CPS/RM para configurar una de las siguientes opciones:

- Bloquear teclado
- Bloquear perilla de selección de canales
- Bloquear el teclado y la perilla de selección de canales

Comuníquese con su proveedor para determinar cómo se programó el radio.

## 7.7.1.1

### Cómo activar la opción de bloqueo de teclado

Los siguientes pasos se pueden aplicar a las opciones Bloquear teclado, Bloquear perilla de selección de canales o Bloquear teclado y perilla de selección de canales, según la configuración del radio.

- 1 Realice uno de los siguientes pasos:
  - Presione el botón programado **Bloqueo del teclado**. Omita los pasos siguientes.
  - Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para acceder al Bloqueo del teclado. Presione  para realizar la selección.

En la pantalla, se muestra Bloqueado.

### 7.7.1.2

## Cómo desactivar la opción de bloqueo del teclado

Los siguientes pasos se pueden aplicar a las opciones Bloquear teclado, Bloquear perilla de selección de canales o Bloquear teclado y perilla de selección de canales, según la configuración del radio.

Realice uno de los siguientes pasos:

- Presione el botón programado **Bloqueo del teclado**.
- Cuando en la pantalla se muestre Menú y \*

Para desbloquear, presione  seguido de .

En la pantalla, se muestra Desbloqueado.

### 7.7.2

## Activación o desactivación del desvío de llamadas automático

Puede activar su radio para transferir automáticamente llamadas de voz a otro radio.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para Reenviar llamada. Presione  para realizar la selección.

---

- 5 Realice uno de los siguientes pasos:
  - Presione ▲ o ▼ para activar el reenvío de llamada. Si está activado, ✓ aparece al lado de Activado.
  - Presione ▲ o ▼ para desactivar el reenvío de llamada. Si está desactivado, ✓ desaparece de al lado de Activado.

## Identificación del tipo de cable

Realice los siguientes pasos para seleccionar el tipo de cable que utiliza el radio.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para Tipo de cable. Presione  para realizar la selección.

---

- 5 Presione ▲ o ▼ para cambiar la opción seleccionada.  
El tipo de cable actual se indica mediante ✓.

#### 7.7.4

### Lista flexible de recepción

La lista de recepción flexible es una función que le permite crear y asignar miembros a la lista de recepción del grupo de conversación. El radio puede admitir en la lista hasta 16 miembros. Capacity Plus admite esta función.

#### 7.7.4.1

### Activación o desactivación de la lista de recepción flexible

Siga el procedimiento para activar o desactivar la lista de recepción flexible.

- 1 Realice uno de los siguientes pasos:
  - Presione el botón programado **Lista de recepción flexible**. Omita los pasos siguientes.

- Presione  para obtener acceso al menú.
- 

- 2 Presione ▲ o ▼ para Lista Flex Rx. Presione  para realizar la selección.
- 

- 3 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para Encender. Presione



para realizar la selección.

Suena un tono indicador positivo.

La pantalla muestra un miniaviso positivo.

- Presione ▲ o ▼ para Apagar. Presione



para realizar la selección.

Suena un tono indicador negativo.

La pantalla muestra un miniaviso negativo.

---

#### 7.7.4.2

### Adición de nuevas entradas a la lista de recepción flexible

Siga el procedimiento para añadir nuevos miembros a la lista del grupo de conversación de recepción.

#### 1

- Presione  para obtener acceso al menú.
-

2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

4 Presione ▲ o ▼ para Lista Flex Rx. Presione  para realizar la selección.

---

5 Presione ▲ o ▼ para acceder a Ver/editar lista. Presione  para realizar la selección.

---

6 Presione ▲ o ▼ para acceder a Agregar miembro. Presione  para realizar la selección.

---

7 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección. La pantalla muestra una miniaviso positivo y, a continuación, ¿Añadir otros?

---

8 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ hasta Sí para añadir otra entrada. Presione  para realizar la selección. Repita [paso 7](#).
  - Presione ▲ o ▼ hasta No para guardar la lista actual. Presione  para realizar la selección.
- 

#### 7.7.4.3

### Eliminación de entradas de la lista de recepción flexible

Siga el procedimiento para eliminar miembros de la lista del grupo de conversación de recepción del radio.

- 1 Presione  para obtener acceso al menú.

---
- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---
- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---
- 4 Presione ▲ o ▼ para Lista Flex Rx. Presione  para realizar la selección.

---
- 5 Presione ▲ o ▼ para acceder a Ver/editar lista. Presione  para realizar la selección.

---
- 6 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.

---
- 7 Presione ▲ o ▼ para Borrar. Presione  para realizar la selección.

---
- 8 Realice uno de los siguientes pasos:
  - Presione ▲ o ▼ para acceder a Sí y eliminar la entrada. Presione  para realizar la selección. La pantalla muestra un miniaviso positivo.
  - Presione ▲ o ▼ para No. Presione  para realizar la selección. El radio regresa a la pantalla anterior.

---
- 9 Repita los pasos [paso 6](#) al [paso 8](#) para eliminar otras entradas.

---
- 10 Presione  de manera prolongada para regresar a la pantalla Inicio después de eliminar todos los alias o ID deseados.

---

## 7.7.4.4

## Eliminación de entradas de la lista de recepción flexible mediante la búsqueda por alias

Siga el procedimiento para eliminar miembros de la lista del grupo de conversación de recepción mediante la búsqueda por alias.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para Lista Flex Rx. Presione  para realizar la selección.

---

- 5 Presione ▲ o ▼ para acceder a Ver/editar lista. Presione  para realizar la selección.

---

- 6 Escriba el primer carácter del alias deseado.  
La pantalla muestra un cursor intermitente.

---

- 7 Ingrese el resto de los caracteres del alias deseado.  
La búsqueda de alias distingue entre mayúsculas y minúsculas. Si hay dos o más entradas con el mismo nombre, la pantalla muestra la entrada que aparece primero en la lista.  
La primera línea de texto muestra los caracteres que ingresó. Las siguientes líneas de texto muestran los resultados abreviados de la búsqueda.

---

- 8 Presione  para realizar la selección.

---

- 9 Presione ▲ o ▼ para Borrar. Presione  para realizar la selección.

---

- 10 Realice uno de los siguientes pasos:



- Presione ▲ o ▼ para acceder a Sí y eliminar la entrada. Presione  para realizar la selección. La pantalla muestra un miniaviso positivo.
- Presione ▲ o ▼ para No. Presione  para realizar la selección. El radio regresa a la pantalla anterior.

11

Presione  de manera prolongada para regresar a la pantalla Inicio después de eliminar todos los alias o ID deseados.

### 7.7.5

## Configuración del temporizador del menú

Puede establecer el tiempo que el radio permanece en el menú antes de cambiar automáticamente a la pantalla de inicio. Siga el procedimiento para configurar el temporizador del menú.

1

Presione  para obtener acceso al menú.

2

Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

3

Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

4

Presione ▲ o ▼ para Pantalla. Presione  para realizar la selección.

5

Presione ▲ o ▼ para Temporizador de menú. Presione  para realizar la selección.

6

Presione ▲ o ▼ para acceder a la configuración deseada. Presione  para realizar la selección.

## 7.7.6

## Lector de textos

Solo el proveedor puede activar la función de texto a voz. Si la función de texto a voz está activada, el anuncio de voz se desactiva automáticamente. Si el anuncio de voz está activado, la función de texto a voz se desactiva automáticamente.

Esta función permite que el radio indique con un sonido las siguientes características:

- Canal actual
- Zona actual
- Activación o desactivación de la función del botón programado
- Contenido de los mensajes de texto recibidos
- Contenido de las fichas de trabajo recibidas

Este indicador de audio se puede personalizar según los requisitos del cliente. Esta función resulta muy útil cuando el usuario no puede leer claramente el contenido que se muestra en la pantalla.

## 7.7.6.1

## Configuración de la función Texto a voz

Siga el procedimiento para configurar la función de texto a voz.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para obtener acceso a Anuncio de voz. Presione  para realizar la selección.

---

- 5 Presione ▲ o ▼ para cualquiera de las siguientes funciones. Presione  para realizar la selección. Las funciones disponibles son las siguientes:

- Todos
- Mensajes
- Fichas de trabajo
- Canal
- Zona
- Botón de programa

✓ aparece junto a la configuración seleccionada.

### 7.7.7

## Activación o desactivación del supresor de retroalimentación acústica 📞

Esta función le permite minimizar la retroalimentación acústica en las llamadas recibidas. Siga el procedimiento para activar o desactivar la función Supresor de comentarios acústica en el radio.

1 Realice uno de los siguientes pasos:

- Presione el botón programado **Supresor de AF** . Omite los pasos siguientes.

- Presione  para obtener acceso al menú.

2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

4 Presione ▲ o ▼ para Supresor de AF. Presione  para realizar la selección.

5 Realice uno de los siguientes pasos:

- Presione  para activar el supresor de retroalimentación acústica.

- Presione  para desactivar el supresor de retroalimentación acústica.

Si está activado, ✓ aparece al lado de Activado. Si está desactivado, ✓ desaparece de al lado de Activado.

## 7.7.8

## Activación o desactivación del Sistema satelital de navegación global

El Sistema satelital de navegación global (GNSS) es un sistema de navegación por satélite que determina la ubicación exacta del radio. El GNSS incluye el sistema de posicionamiento global (GPS), el sistema de navegación satelital global (GLONASS) y el sistema de navegación por satélite BeiDou (BDS).



### AVISO:

Determinados modelos de radio pueden ofrecer GPS, GLONASS y BDS. La constelación de GNSS se configura a través del CPS. Consulte al distribuidor o administrador del sistema para determinar de qué manera se programó el radio.

1

- 2 Realice uno de estos pasos para activar o desactivar el GNSS en el radio.

- Presione el botón programado **GNSS**.

- Presione  para obtener acceso al menú. Luego proceda con el paso siguiente.

- 3 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

- 5 Presione ▲ o ▼ para GNSS. Presione  para realizar la selección.
- 

- 6 Presione  para activar o desactivar GNSS.
- Si está activado, ✓ aparece al lado de Activado.  
Si está desactivado, ✓ desaparece de al lado de Activado.
- 

### 7.7.9

## Activación o desactivación de la pantalla de introducción

Puede activar y desactivar la pantalla de introducción siguiendo el procedimiento.

- 1 Presione  para obtener acceso al menú.
- 
- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.
- 

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.
- 

- 4 Presione ▲ o ▼ para Pantalla. Presione  para realizar la selección.
- 

- 5 Presione ▲ o ▼ para Pantalla inicial. Presione  para realizar la selección.
- 

- 6 Presione  para activar o desactivar la pantalla de introducción.

La pantalla muestra uno de los siguientes resultados:

- Si está activado, ✓ aparece al lado de Activado.
  - Si está desactivado, ✓ desaparece de al lado de Activado.
-

## 7.7.10

## Activación o desactivación de tonos y alertas del radio

Puede activar y desactivar todos los tonos y las alertas del radio, si es necesario, excepto los tonos de alerta de emergencia entrante. Siga el procedimiento para activar o desactivar las alertas y los tonos en el radio.

- 1 Realice uno de los siguientes pasos:
  - Presione el botón programado **Tonos/alertas**. Omita los pasos siguientes.

- Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para acceder a Tonos/Alertas.

Presione  para realizar la selección.

- 5 Presione ▲ o ▼ para obtener acceso a Todos los tonos. Presione  para realizar la selección.

- 6 Presione  para activar o desactivar todos los tonos y las alertas. La pantalla muestra uno de los siguientes resultados:
  - Si está activado, ✓ aparece al lado de Activado.
  - Si está desactivado, ✓ desaparece de al lado de Activado.

## 7.7.11

## Configuración de los niveles de diferencia del volumen de tonos y alertas

Esta función ajusta el volumen de los tonos o las alertas, y permite que sea más alto o más bajo que el volumen de voz. Siga el procedimiento para establecer los niveles de

diferencia de volumen entre los tonos y las alertas en el radio.

- 1 Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.
- 4 Presione ▲ o ▼ para acceder a Tonos/alertas. Presione  para realizar la selección.
- 5 Presione ▲ o ▼ para acceder a Compensación de volumen. Presione  para realizar la selección.

- 6 Presione ▲ o ▼ para acceder al nivel de compensación de volumen requerido.

Un tono de respuesta suena con cada nivel de diferencia de volumen correspondiente.

- 7 Realice uno de los siguientes pasos:

- Presione  para realizar la selección. Se guardó el nivel de compensación de volumen requerido.
- Presione  para salir. Los cambios se descartan.

### 7.7.12

## Activación o desactivación del tono de permiso para hablar

Siga el procedimiento para activar o desactivar el tono de permiso para hablar en el radio.

- 1 Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione



para realizar la selección.

- 3 Presione ▲ o ▼ para ir a Configuración del

radio. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para acceder a Tonos/Alertas.

Presione  para realizar la selección.

- 5 Presione ▲ o ▼ para acceder a Permiso para

hablar. Presione  para realizar la selección.

- 6 Presione  para activar o desactivar el tono de permiso para hablar.

La pantalla muestra uno de los siguientes resultados:

- Si está activado, ✓ aparece al lado de Activado.

- Si está desactivado, ✓ desaparece de al lado de Activado.

### 7.7.13

## Activación o desactivación del tono de encendido

Siga el procedimiento para activar o desactivar el tono de encendido en el radio.

- 1 Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione



para realizar la selección.

- 3 Presione ▲ o ▼ para ir a Configuración del

radio. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para acceder a Tonos/Alertas.



Presione  para realizar la selección.



- 5 Presione ▲ o ▼ para acceder a Encendido.

Presione  para realizar la selección.

---

- 6 Presione  para activar o desactivar el Tono de encendido. La pantalla muestra uno de los siguientes resultados:

- Si está activado, ✓ aparece al lado de Activado.
  - Si está desactivado, ✓ desaparece de al lado de Activado.
- 

#### 7.7.14

## Configuración de los tonos de alerta de los mensajes de texto

Puede personalizar el tono de alerta de los mensajes de texto para cada una de las entradas en la lista Contactos. Siga el procedimiento para configurar los tonos de alerta de los mensajes de texto en el radio.

- 1 Presione  para obtener acceso al menú.
- 

- 2 Presione ▲ o ▼ para acceder a Contactos.

Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para obtener acceso al alias o ID requeridos. Presione  para realizar la selección.
- 

- 4 Presione ▲ o ▼ para acceder a Alerta mensaje. Presione  para realizar la selección.
- 

- 5 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para acceder a Momentáneo.

Presione  para realizar la selección.  
La pantalla muestra ✓ junto a Momentáneo.

- Presione ▲ o ▼ para acceder a Repetitivo.

Presione  para realizar la selección.  
La pantalla muestra ✓ junto a Repetitivo.

---

## 7.7.15

## Niveles de potencia

Puede personalizar la configuración de potencia del radio en Alto o Bajo para cada canal.

### Alto

Este ajuste permite comunicarse con radios que estén a una distancia considerable.

### Bajo

Este ajuste permite comunicarse con radios que estén más cerca.



#### AVISO:

Esta función no se aplica a los canales de la Banda de ciudadanos que están en la misma frecuencia.

## 7.7.15.1

## Configuración de los niveles de potencia

Siga el procedimiento para configurar los niveles de potencia en el radio.

- 1 Realice uno de los siguientes pasos:

- Presione el botón programado **Nivel de potencia**. Omita los siguientes pasos.

- Presione  para obtener acceso al menú.

- 2 Presione  o  para ir a Utilidades. Presione  para realizar la selección.

- 3 Presione  o  para ir a Configuración del radio. Presione  para realizar la selección.

- 4 Presione  o  para acceder a Potencia. Presione  para realizar la selección.

- 5 Realice uno de los siguientes pasos:

- Presione  o  para acceder a Alto.

Presione  para realizar la selección. La pantalla muestra  junto a Alto.

- Presione  o  para acceder a Bajo.

Presione  para realizar la selección.

La pantalla muestra  junto a Bajo.

6

Mantenga presionado  para regresar a la pantalla de inicio.

#### 7.7.16

### Cambio de los modos de pantalla

Puede cambiar el modo de pantalla del radio entre Día o Noche, según sea necesario. Esta función afecta a la paleta de colores de la pantalla. Siga el procedimiento para cambiar el modo de pantalla del radio.

1 Realice uno de los siguientes pasos:

- Presione el botón programado **Modo de pantalla**. Omita los pasos siguientes.

- Presione  para obtener acceso al menú.

2 Presione  o  para ir a Utilidades. Presione  para realizar la selección.

3 Presione  o  para ir a Configuración del radio. Presione  para realizar la selección.

4

Presione  o  para Pantalla. Presione  para realizar la selección.

La pantalla muestra Modo  diurno y Modo  nocturno.

5 Presione  o  para acceder a la configuración deseada. Presione  para realizar la selección. La pantalla muestra  junto a la configuración seleccionada.

#### 7.7.17

### Ajuste de brillo de la pantalla

Siga el procedimiento para ajustar el brillo de la pantalla del radio.

1 Realice uno de los siguientes pasos:

- Presione el botón programado **Brillo**. Omita los pasos siguientes.

- Presione  para obtener acceso al menú.

- 
- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.
- 

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.
- 

- 4 Presione ▲ o ▼ para acceder a Brillo. Presione  para realizar la selección.

La pantalla muestra la barra de progreso.

---

- 5 Presione ▲ o ▼ para reducir o aumentar el brillo de la pantalla. Presione  para realizar la selección.
- 

## Configuración del cronómetro de la luz de fondo de la pantalla

Puede ajustar el cronómetro de la luz de fondo de la pantalla del radio según sea necesario. La configuración también afecta los botones de navegación de menú y, por lo tanto, la luz de fondo del teclado. Siga el procedimiento para configurar el cronómetro de la luz de fondo en el radio.

- 1 Realice uno de los siguientes pasos:

- Presione el botón programado **Luz de fondo**. Omita los pasos siguientes.

- Presione  para obtener acceso al menú.
- 

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.
- 

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.
-

4 Presione ▲ o ▼ para Pantalla. Presione  para realizar la selección.

---

5 Presione ▲ o ▼ para acceder a Temporizador de la luz de fondo. Presione  para realizar la selección.

---

La luz de fondo de la pantalla y la iluminación de fondo del teclado se apagan automáticamente si el indicador LED está desactivado. Para obtener más información, consulte [Activación o desactivación de los indicadores LED en la página 255](#).

### 7.7.19

## Activación o desactivación del encendido automático de la luz de fondo

Puede activar y desactivar la luz de fondo del radio para que se encienda automáticamente si es necesario. Si está activada, la luz de fondo se enciende cuando el radio recibe una llamada, un evento de la lista de notificaciones o una alarma de emergencia.

1 Presione  para obtener acceso al menú.

---

2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

4 Presione ▲ o ▼ para acceder a Luz de fondo automática.

---

5 Presione  para activar o desactivar la luz de fondo automática.

La pantalla muestra uno de los siguientes resultados:

- Si está activado, ✓ aparece al lado de Activado.
  - Si está desactivado, ✓ desaparece de al lado de Activado.
-

## 7.7.20

## Niveles del silenciador

Puede ajustar el nivel del silenciador para filtrar las llamadas no deseadas con intensidad de señal baja o canales que tienen un ruido superior al de fondo normal.

**Normal**

Esta es la configuración predeterminada.

**Comprimido**

Este parámetro filtra las llamadas no deseadas o el ruido de fondo. Las llamadas de ubicaciones remotas también pueden filtrarse.

**AVISO:**

Esta función no se aplica a los canales de la Banda de ciudadanos que están en la misma frecuencia.

## 7.7.20.1

## Configuración de los niveles de silenciador

Siga el procedimiento para establecer los niveles de silenciador en el radio.

- 1 Realice uno de los siguientes pasos:

- Presione el botón programado **Silenciador**. Omita los pasos siguientes.

- Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para acceder a Silenciador. Presione  para realizar la selección.

- 5 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para acceder a Normal.

Presione  para realizar la selección. La pantalla muestra ✓ junto a Normal.

- Presione ▲ o ▼ para acceder a Comprimido.

Presione  para realizar la selección.

La pantalla muestra  junto a Comprimido.

La pantalla vuelve automáticamente al menú anterior.

### 7.7.21

## Activación o desactivación de los indicadores LED

Siga el procedimiento para activar o desactivar los indicadores LED en el radio.

- 1 Presione  para obtener acceso al menú.
- 2 Presione  o  para ir a Utilidades. Presione  para realizar la selección.
- 3 Presione  o  para ir a Configuración del radio. Presione  para realizar la selección.

- 4 Presione  o  para acceder a Indicador LED.

Presione  para realizar la selección.

- 5 Presione  para activar o desactivar el indicador LED.

La pantalla muestra uno de los siguientes resultados:

- Si está activado,  aparece al lado de Activado.
- Si está desactivado,  desaparece de al lado de Activado.

### 7.7.22

## Configuración de idiomas

Siga el procedimiento para configurar los idiomas en el radio.

- 1 Presione  para obtener acceso al menú.

2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

4 Presione ▲ o ▼ para Idiomas. Presione  para realizar la selección.

---

5 Presione ▲ o ▼ para acceder al idioma deseado. Presione  para realizar la selección. La pantalla muestra ✓ junto al idioma seleccionado.

---

### 7.7.23

## Transmisión operada por voz

La transmisión operada por voz (VOX) le permite iniciar una llamada de manos libres activada por voz en un canal programado. El radio transmite automáticamente, durante un período programado, siempre que el micrófono del accesorio compatible con VOX detecte voz.



### AVISO:

Esta función no se aplica a canales de la banda de ciudadanos que están en la misma frecuencia.

Puede activar o desactivar la VOX de una de las siguientes maneras:

- Apague el radio y vuelva a encenderlo para activar la VOX.
- Cambie el canal con la perilla **Selección de canal** para activar VOX.
- Active o desactive VOX mediante el botón programado **VOX** o el menú para activar o desactivar la función VOX.
- Presione el botón **PTT** durante la operación del radio para desactivar la VOX.



### AVISO:

La activación o desactivación de esta función se encuentra limitada a aquellos radios que tengan esta función activada. Para obtener más información, consulte a su proveedor o administrador del sistema.



## 7.7.23.1

## Activación o desactivación de la transmisión operada por voz

Siga el procedimiento para activar o desactivar el VOX en el radio.

1 Realice uno de los siguientes pasos:

- Presione el botón programado **VOX**. Omita los siguientes pasos.

- Presione  para obtener acceso al menú.

2 Presione ▲ o ▼ para ir a Utilidades. Presione



para realizar la selección.

3 Presione ▲ o ▼ para ir a Configuración del

radio. Presione  para realizar la selección.

4 Presione ▲ o ▼ para obtener acceso a VOX.

Presione  para realizar la selección.

5 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para obtener acceso a Enc.

Presione  para realizar la selección. En la pantalla se muestra ✓ junto a Encendido.

- Presione ▲ o ▼ para Apag.. Presione  para realizar la selección. En la pantalla se muestra ✓ junto a Apagado.



### AVISO:

Si la función de tono de permiso para hablar está activada, utilice una palabra que inicie la llamada. Espere a que el tono de permiso para hablar deje de sonar antes de hablar claramente al micrófono. Consulte [Activación o desactivación del tono de permiso para hablar en la página 249](#) para obtener más información.

## 7.7.24

## Activación o desactivación de la tarjeta opcional

Las funciones de la tarjeta opcional dentro de cada canal se pueden asignar a botones programables. Siga el

procedimiento para activar o desactivar la tarjeta opcional en el radio.

Presione el botón programado **Tarjeta opcional**.

### 7.7.25

## Activación o desactivación de anuncios de voz

Esta función permite al radio indicar, de manera audible, el canal o la zona actuales que el usuario acaba de asignar o el botón programable que el usuario acaba de presionar.

Esto es muy útil cuando el usuario tiene dificultad para leer el contenido que se muestra en la pantalla.

Este indicador de audio puede personalizarse según las necesidades del cliente. Siga el procedimiento para activar o desactivar anuncios de voz en el radio.

1 Realice uno de los siguientes pasos:

- Presione el botón programado **Anuncio de voz**. Omita los pasos siguientes.
- Presione  para obtener acceso al menú.

2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

4 Presione ▲ o ▼ para obtener acceso a Anuncio de voz. Presione  para realizar la selección.

5 Presione  para activar o desactivar el anuncio de voz.

- Si está activado, ✓ aparece al lado de Activado.
- Si está desactivado, ✓ desaparece de al lado de Activado.

### 7.7.26

## Activación o desactivación del AGC del micrófono digital

El control automático de ganancia (AGC) del micrófono digital controla la ganancia del radio automáticamente durante la transmisión en un sistema digital. Esta función suprime los sonidos altos o mejora los sonidos bajos hasta un valor predefinido para brindar un nivel uniforme de audio. Siga el procedimiento para activar o desactivar el AGC del micrófono digital en el radio.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione  o  para ir a Utilidades. Presione  para realizar la selección.

---

- 3 Presione  o  para ir a Configuración del radio. Presione  para realizar la selección.

---

- 4 Presione  o  para acceder a Mic AGC-D.

Presione  para realizar la selección.

---

- 5 Presione  para activar o desactivar AGC de micrófono digital.

La pantalla muestra uno de los siguientes resultados:

- Si está activado,  aparece al lado de Activado.
  - Si está desactivado,  desaparece de al lado de Activado.
- 

### 7.7.27

## Activación o desactivación del AGC del micrófono analógico

El control automático de ganancia (AGC) del micrófono analógico controla la ganancia del radio automáticamente durante la transmisión en un sistema analógico. Esta función suprime los sonidos altos o mejora los sonidos bajos hasta un valor predefinido para brindar un

nivel uniforme de audio. Siga el procedimiento para activar o desactivar el AGC del micrófono analógico en el radio.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para acceder a Mic AGC-A. Presione  para realizar la selección.

---

- 5 Presione  para activar o desactivar AGC de micrófono analógico.  
La pantalla muestra uno de los siguientes resultados:
  - Si está activado, ✓ aparece al lado de Activado.

- Si está desactivado, ✓ desaparece de al lado de Activado.

#### 7.7.28

### Cambio de ruta de audio entre el altavoz interno del radio y el accesorio cableado

Siga el procedimiento para cambiar la ruta de audio entre el altavoz interno del radio y el accesorio con cable.

Puede cambiar la ruta de audio entre el altavoz interno del radio y el altavoz del accesorio con cable siempre que:

- El accesorio con cable con altavoz esté conectado.
- El audio no se transfiera a un accesorio Bluetooth externo.

Presione el botón programado **Cambio de audio**.

Se emite un tono al cambiar la ruta de audio.

Si se apaga el radio o se quita el accesorio, se restablece la ruta de audio al altavoz interno del radio.

## 7.7.29

## Activación o desactivación del audio inteligente

El radio ajusta automáticamente el volumen del audio para superar el ruido de fondo actual del entorno, incluidas tanto las fuentes de ruido estacionario como no estacionario. Esta es una función de recepción únicamente y no afecta a la transmisión de audio. Siga el procedimiento para activar o desactivar el audio inteligente en el radio.



### AVISO:

Esta función no se aplica durante una sesión de Bluetooth.

#### 1 Realice uno de los siguientes pasos:

- Presione el botón programado **Audio inteligente**. Omita los siguientes pasos.

- Presione  para obtener acceso al menú.

#### 2 Presione ▲ o ▼ para ir a Utilidades. Presione



para realizar la selección.

- #### 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione para realizar la selección.

- #### 4 Presione ▲ o ▼ para obtener acceso a Audio inteligente. Presione para realizar la selección.

#### 5 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para obtener acceso a Enc.

Presione  para realizar la selección. En la pantalla se muestra ✓ junto a Encendido.

- Presione ▲ o ▼ para Apag.. Presione  para realizar la selección. En la pantalla se muestra ✓ junto a Apagado.

## 7.7.30

## Activación y desactivación de la mejora de sonido

Puede activar esta función cuando esté hablando en un idioma que contenga muchas pronunciaciones con el sonido alveolar ("r" vibrante). Siga el procedimiento para activar o desactivar la mejora de sonido en el radio.

- 1 Realice uno de los siguientes pasos:
  - Presione el botón programado **Mejora de la vibración**. Omita los siguientes pasos.
  - Presione  para obtener acceso al menú.
- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.
- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para obtener acceso a Mejora de la vibración. Presione  para realizar la selección.

- 5 Realice uno de los siguientes pasos:

- Presione ▲ o ▼ para obtener acceso a Enc. Presione  para realizar la selección. En la pantalla se muestra ✓ junto a Encendido.
- Presione ▲ o ▼ para Apag.. Presione  para realizar la selección. En la pantalla se muestra ✓ junto a Apagado.

## 7.7.31

## Activar o desactivar la función de Control de distorsión dinámico del micrófono

Esta función le permite activar el radio para monitorear automáticamente la entrada del micrófono, y ajustar el valor de ganancia del micrófono para evitar cortes de audio.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para acceder a Distorsión del micrófono. Presione  para realizar la selección.

---

- 5 Realice uno de los siguientes pasos:
  - Presione  para activar el Control de distorsión dinámico del micrófono. Si está activado, ✓ aparece al lado de Activado.
  - Presione  para desactivar el Control de distorsión dinámico del micrófono. Si está desactivado, ✓ desaparece de al lado de Activado.

## 7.7.32

### Configuración del entorno de audio

Siga el procedimiento para configurar el entorno de audio del radio según su entorno.

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para ir a Configuración del radio. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para acceder a Entorno audio. Presione  para realizar la selección.

---

- 5 Presione ▲ o ▼ para acceder a la configuración deseada. Presione  para realizar la selección. Las configuraciones son las siguientes.

- Seleccione Predeterminado para los valores predeterminados de fábrica.
- Seleccione Alto para subir el volumen del altavoz cuando se utiliza en ambientes ruidosos.
- Seleccione Grupo de trabajo para reducir la retroalimentación acústica cuando se utiliza con un grupo de radios que están cerca entre sí.

La pantalla muestra  junto a la configuración seleccionada.

3 Presione  o  para ir a Configuración del radio. Presione  para realizar la selección.

4 Presione  o  para acceder a Perfiles audio. Presione  para realizar la selección.

5 Presione  o  para acceder a la configuración deseada. Presione  para realizar la selección.

Las configuraciones son las siguientes.

- Seleccione Predeterminado para desactivar el perfil de audio previamente seleccionado y volver a la configuración predeterminada de fábrica.
- Seleccione Nivel 1, Nivel 2 o Nivel 3 para perfiles de audio destinados a compensar la pérdida de audición provocada por ruido habitual en los adultos mayores de 40 años.
- Seleccione Aumento de agudos, medios o graves para perfiles de audio que se alinean con

### 7.7.33

## Configuración de perfiles de audio

Siga el procedimiento para establecer perfiles de audio en el radio.

1 Presione  para obtener acceso al menú.

2 Presione  o  para ir a Utilidades. Presione  para realizar la selección.



la preferencia para sonidos más metálicos, más nasales o más profundos.

La pantalla muestra  junto a la configuración seleccionada.

### 7.7.34

## Información general sobre el radio

El radio contiene información sobre varios parámetros generales.

La información general del radio es la siguiente:

- Información sobre la batería.
- Alias e ID del radio.
- Versiones de firmware y codeplug.
- Actualización de software.
- Información del GNSS.
- Información del sitio.
- Indicador de intensidad de la señal recibida.



### AVISO:

Presione  para regresar a la pantalla anterior.

Mantenga presionado  para regresar a la pantalla de inicio. El radio sale de la pantalla actual una vez que transcurre el tiempo de inactividad.

### 7.7.34.1

## Acceso a la información de la batería

Muestra información de la batería del radio.

1

Presione  para obtener acceso al menú.

2

Presione  o  para ir a Utilidades. Presione  para realizar la selección.

3

Presione  o  para Info. del radio. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para Info. de la batería. Presione  para realizar la selección.

**AVISO:**

Para baterías **IMPRES** únicamente: La pantalla muestra Reacondicionar batería si la batería requiere reacondicionamiento en un cargador IMPRES. Luego del proceso de reacondicionamiento, la pantalla muestra la información de la batería.

Aparece en la pantalla la información de la batería.

**AVISO:**

En el caso de las baterías no compatibles, en la pantalla aparece el mensaje Batería desconocida.

También puede presionar el botón programado **Alias e ID del radio** para volver a la pantalla anterior.

- Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

- 3 Presione ▲ o ▼ para ir a Info. del radio. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para ir a Mi ID. Presione  para realizar la selección.

La primera línea de texto muestra el alias del radio. La segunda línea de texto muestra el ID del radio.

## 7.7.34.2

## Verificación del alias y el ID del radio

- 1 Realice uno de los siguientes pasos:
- Presione el botón programado **Alias e ID del radio**. Omite los pasos siguientes. Suena un tono indicador positivo.

### 7.7.34.3

## Verificación de las versiones de firmware y codeplug

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para ir a Info. del radio. Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para acceder a Versiones. Presione  para realizar la selección.  
La pantalla muestra las versiones actuales de codeplug y firmware.

### 7.7.34.4

## Verificación de la información de GNSS

Muestra la información de GNSS en el radio, como los valores de:

- Latitud
- Longitud
- Altitud
- Dirección
- Velocidad
- Dilución horizontal de precisión (HDOP)
- Satélites
- Versión

- 1 Presione  para obtener acceso al menú.

---

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.

---

- 3 Presione ▲ o ▼ para Info. del radio. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para Información de GNSS.

Presione  para realizar la selección.

---

- 5 Presione ▲ o ▼ para el elemento requerido.

Presione  para realizar la selección. La información de GNSS deseada aparece en la pantalla.

---

- 3 Presione ▲ o ▼ para ir a Info. del radio.

Presione  para realizar la selección.

---

- 4 Presione ▲ o ▼ para ir a Actualizar SW.

Presione  para realizar la selección.

La pantalla muestra la fecha y la hora de la última actualización de software.

---

#### 7.7.34.5

### Comprobación de la información sobre la actualización de software

Esta función muestra la fecha y la hora de la última actualización de software llevada a cabo mediante OTAP o Wi-Fi. Siga el procedimiento para comprobar la información sobre la actualización de software en el radio.

- 1 Presione  para obtener acceso al menú.
- 

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione  para realizar la selección.
- 

El menú de actualización del software solo está disponible tras al menos una sesión de OTAP o de Wi-Fi correcta. Consulte [Programación Over-the-Air \(vía aire\) en la página 593](#) para obtener más información.

#### 7.7.34.6

### Visualización de la información del sitio

Siga el procedimiento para ver el nombre del sitio actual en el que se encuentra el radio.

- 1 Presione  para obtener acceso al menú.
-

- 2 Presione ▲ o ▼ para ir a Utilidades. Presione



para realizar la selección.

- 3 Presione ▲ o ▼ para acceder a Info. del

radio. Presione  para realizar la selección.

- 4 Presione ▲ o ▼ para acceder a Info. Sitio.

Presione  para realizar la selección.

La pantalla muestra el nombre del sitio actual.

### 7.7.34.7

## Indicador de intensidad de señal recibida.

Esta función le permite ver los valores del indicador de intensidad de la señal recibida (RSSI).

La pantalla muestra el ícono de **RSSI** en la esquina superior derecha. Consulte [Íconos de la pantalla](#) para obtener más información sobre el ícono de **RSSI**.

### 7.7.34.7.1

## Visualización de valores de RSSI

En la pantalla de inicio, presione ◀ tres veces y presione inmediatamente ▶, todo antes de 5 segundos.

La pantalla muestra los valores de RSSI actuales.

Para volver a la pantalla de inicio, mantenga presionado



### 7.7.35

## Visualización de detalles de certificado de Wi-Fi empresarial

Puede ver los detalles del certificado de la red Wi-Fi empresarial seleccionada.

1

Presione  para obtener acceso al menú.

- 2 Presione ▲ o ▼ para ir a Utilidades.Presione



para realizar la selección.

---

- 3 Presione ▲ o ▼ hasta Menú de certificado.

Presione  para realizar la selección.

✓ aparece junto a los certificados listos.

---

- 4 Presione ▲ o ▼ hasta el certificado requerido.

Presione  para realizar la selección.

---

El radio muestra los detalles completos del certificado.



**AVISO:**

En el caso de los certificados que no están listos, la pantalla solo muestra el estado.

## Lista de accesorios autorizados

Motorola Solutions brinda la siguiente lista de accesorios aprobados para mejorar la productividad de su radio digital de dos vías portátil.

**Tabla 17 :Antena**

| Número de pieza | Descripción                              |
|-----------------|------------------------------------------|
| PMAD4116_       | Antena helicoidal, VHF, de 144 a 165 MHz |
| PMAD4117_       | Antena helicoidal, VHF, de 136 a 155 MHz |
| PMAD4118_       | Antena helicoidal, VHF, de 152 a 174 MHz |
| PMAD4119_       | Antena reducida, VHF, de 136 a 148 MHz   |

| Número de pieza         | Descripción                                     |
|-------------------------|-------------------------------------------------|
| PMAD4120_               | Antena reducida, VHF, de 146 a 160 MHz          |
| PMAD4121_               | Antena reducida, VHF, 160 a 174 MHz             |
| PMAD4147_               | Antena flexible de 20 cm, VHF, de 136 a 174 MHz |
| PMAD4133_ <sup>12</sup> | Antena reducida, VHF, de 360 a 400 MHz          |
| PMAD4136_ <sup>12</sup> | Antena reducida, VHF, de 350 a 380 MHz          |
| PMAD4139_ <sup>12</sup> | Antena flexible, VHF, de 350 a 400 MHz          |
| PMAE4069_               | Antena reducida, UHF, de 403 a 450 MHz          |
| PMAE4070_               | Antena reducida, UHF, de 440 a 490 MHz          |
| PMAE4071_               | Antena reducida, UHF, de 470 a 527 MHz          |

<sup>12</sup> Se aplica solo a unidades de teclado completo y sin teclado.

| Número de pieza         | Descripción                                      |
|-------------------------|--------------------------------------------------|
| PMAE4079_               | Antena flexible delgada, UHF, de 403 a 527 MHz   |
| PMAF4009_               | Antena flexible corta, 800/900, de 806 a 870 MHz |
| PMAF4010_               | Antena flexible corta, 800/900, de 896 a 941 MHz |
| PMAF4011_ <sup>13</sup> | Antena flexible, 800/900, de 806 a 870 MHz       |
| PMAF4012_ <sup>13</sup> | Antena flexible, 800/900, de 896 a 941 MHz       |

Tabla 18 :Baterías

| Número de pieza         | Descripción                                                           |
|-------------------------|-----------------------------------------------------------------------|
| NNTN8129_ <sup>14</sup> | Batería IMPRES de alta capacidad y de iones de litio de 2300 mAh (FM) |
| NNTN8560_               | Batería Li-ion IMPRES de alta capacidad de 2500 mAh IP57, 2300M 2500T |
| PMNN4406_ <sup>15</sup> | Batería principal compacta de iones de litio de 1600 mAh, IP56        |
| PMNN4407_ <sup>15</sup> | Batería IMPRES compacta de iones de litio de 1600 mAh, IP56           |
| PMNN4409_ <sup>15</sup> | Batería IMPRES de iones de litio sin FM, 2250 mAh, IP56               |

<sup>13</sup> Se aplica solo a unidades de teclado completo y sin teclado.

<sup>14</sup> No se aplica a DGP 5550e/DGP 8550e/DGP 5050e/DGP 8050e

<sup>15</sup> Versión B o posterior.



| Número de pieza          | Descripción                                                                            |
|--------------------------|----------------------------------------------------------------------------------------|
| PMNN4435_R <sup>16</sup> | Batería Li-Mn de 1400 mAh, baja temperatura -30 °C, sumergible (IP67)                  |
| PMNN4463_ <sup>17</sup>  | Batería de iones de litio, IP57, 2050 mAh                                              |
| PMNN4488_                | Batería IMPRES de iones de litio de 3000 mAh, IP68, para clip para cinturón vibratorio |
| PMNN4489_ <sup>18</sup>  | Batería IMPRES de iones de litio de 2900 mAh, TIA 4950, HAZLOC, IP68                   |
| PMNN4491_                | Batería IMPRES compacta de iones de litio de 2100 mAh, IP68                            |

| Número de pieza         | Descripción                                                      |
|-------------------------|------------------------------------------------------------------|
| PMNN4493_               | Batería IMPRES de iones de litio de 3000 mAh, IP68, bajo voltaje |
| PMNN4543_ <sup>19</sup> | Batería principal de iones de litio de 2450 mAh, IP68            |
| PMNN4544_ <sup>19</sup> | Batería IMPRES de iones de litio de 2450 mAh, IP68               |

**Tabla 19 :Dispositivos para transporte**

| Número de pieza | Descripción                                   |
|-----------------|-----------------------------------------------|
| PMLN4651_       | Clip para cinturón de 5 cm (2 pulg.) de ancho |

<sup>16</sup> El radio es compatible con los accesorios que se enumeran aquí. Para obtener más información, comuníquese con su distribuidor.

<sup>17</sup> El radio es compatible con los accesorios que se enumeran aquí. Para obtener más información, comuníquese con su distribuidor.

<sup>18</sup> Se aplica solo a DGP 5550e/DGP 8550e/DGP 5050e/DGP 8050e.

<sup>19</sup> Se aplica solo a unidades de teclado completo y teclado limitado.

| Número de pieza         | Descripción                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| PMLN5610_               | Pasador giratorio de repuesto para cinturón de 6,4 cm (2,5 pulg.)                                                                   |
| PMLN5611_               | Pasador giratorio de repuesto para cinturón de 6,4 cm (3 pulg.)                                                                     |
| PMLN5839_ <sup>20</sup> | Estuche de cuero duro con pasador fijo para cinturón de 7,6 cm (3 pulg.) para radios sin pantalla                                   |
| PMLN5840_ <sup>21</sup> | Estuche de cuero duro con pasador giratorio para cinturón de 7,6 cm (3 pulg.) para radios con teclado completo                      |
| PMLN5842_ <sup>21</sup> | Estuche de cuero duro con pasador giratorio para cinturón de 6,4 cm (2,5 pulg.) para radios con teclado completo y teclado limitado |

| Número de pieza         | Descripción                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PMLN5843_ <sup>21</sup> | Estuche de cuero duro con pasador giratorio para cinturón de 6,4 cm (2,5 pulg.) para radios sin pantalla                 |
| PMLN5844_ <sup>21</sup> | Estuche de nailon con pasador fijo para cinturón de 7,6 cm (3 pulg.) para radios con teclado completo y teclado limitado |
| PMLN5845_ <sup>20</sup> | Estuche de nailon con pasador fijo para cinturón de 7,6 cm (3 pulg.) para radios sin pantalla                            |
| PMLN5846_ <sup>20</sup> | Estuche de cuero duro con pasador giratorio para cinturón de 6,4 cm (3 pulg.) para radios sin pantalla                   |
| PMLN7008_               | Clip para cinturón de 5 cm (2.5 pulg.) de ancho                                                                          |

<sup>20</sup> Se aplica solo a unidades sin teclado.

<sup>21</sup> Se aplica solo a unidades de teclado completo y teclado limitado.

| Número de pieza        | Descripción                                                  |
|------------------------|--------------------------------------------------------------|
| PMLN7296_              | Clip para cinturón vibratorio de 6,4 cm (2,5 pulg.) de ancho |
| RLN6486_ <sup>22</sup> | Correa de cuero para el radio                                |
| RLN6487_ <sup>22</sup> | Correa de cuero para el radio, extragrande                   |
| RLN6488_ <sup>22</sup> | Correa de cuero estabilizadora para el radio                 |

**Tabla 20 :Cargadores**

| Número de pieza | Descripción                                       |
|-----------------|---------------------------------------------------|
| EPNN9288_       | Cargador micro USB de alta frecuencia para viajes |

| Número de pieza         | Descripción                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------|
| HKVN4036_               | Clave de licencia para administración de flota de baterías IMPRES                                   |
| NLN7967_ <sup>23</sup>  | Soporte de montaje en pared para cargador IMPRES para varias unidades                               |
| NNTN7392_               | Lector de batería IMPRES                                                                            |
| NNTN7616_               | Cargador vehicular IMPRES                                                                           |
| NNTN7677_ <sup>23</sup> | Unidad de interfaz de cargador para varias unidades para administración de flota de baterías IMPRES |
| NNTN8045_ <sup>23</sup> | Unidad de interfaz de cargador para una unidad para administración de flota de baterías IMPRES      |
| NNTN8117_               | Cargador principal para una unidad, solo la base                                                    |

<sup>22</sup> El radio es compatible con los accesorios que se enumeran aquí. Para obtener más información, comuníquese con su distribuidor.

<sup>23</sup> El radio es compatible con los accesorios que se enumeran aquí. Para obtener más información, comuníquese con su distribuidor.

| Número de pieza         | Descripción                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------|
| NNTN8224_               | Cargador estándar para una unidad con fuente de alimentación, PRC lineal                             |
| NNTN8225_               | Cargador para una unidad, enchufe para Argentina                                                     |
| NNTN8226_               | Cargador estándar para una unidad con fuente de alimentación, enchufe lineal de 110 VCA para EE. UU. |
| NNTN8273_               | Cargador para una unidad, enchufe para Europa                                                        |
| NNTN8275_               | Cargador estándar para una unidad con fuente de alimentación, modo switch: 21 W, NA/LA               |
| NNTN8280_               | Cargador principal para una unidad con fuente de alimentación, enchufe para Brasil                   |
| NNTN8525_ <sup>24</sup> | Cargador de viaje de carga rápida con adaptador para vehículos de                                    |

| Número de pieza | Descripción                                                                              |
|-----------------|------------------------------------------------------------------------------------------|
|                 | voltaje regulado, base personalizada del cargador, soporte de montaje y cable en espiral |
| WPLN4243_       | Cargador IMPRES para una unidad, 110 VCA, 50/60 Hz, para EE. UU.                         |
| WPLN4211_       | Cargador IMPRES para varias unidades, solo la base                                       |
| WPLN4277_       | Cargador IMPRES para varias unidades sin pantalla, enchufe para Brasil                   |
| WPLN4278_       | Cargador IMPRES para varias unidades con pantalla, enchufe para Brasil                   |
| WPLN4212_       | Cargador IMPRES para varias unidades, enchufe para EE. UU.                               |
| WPLN4213_       | Cargador IMPRES para varias unidades, 110-230 V, enchufe para Europa                     |

<sup>24</sup> El radio es compatible con los accesorios que se enumeran aquí. Para obtener más información, comuníquese con su distribuidor.

| Número de pieza | Descripción                                                               |
|-----------------|---------------------------------------------------------------------------|
| WPLN4216_       | Cargador IMPRES para varias unidades, enchufe para Argentina              |
| WPLN4218_       | Cargador IMPRES para varias unidades con pantalla, solo la base           |
| WPLN4219_       | Cargador IMPRES para varias unidades con pantalla, enchufe para EE. UU.   |
| WLPN4223_       | Cargador IMPRES para varias unidades con pantalla, enchufe para Argentina |
| WPLN4220_       | Cargador IMPRES para varias unidades con pantalla, enchufe para Europa    |
| WPLN4225_       | Cargador principal para una unidad, solo la base                          |
| WPLN4226_       | Cargador IMPRES para una unidad, solo base                                |
| WPLN4227_       | Cargador principal para una unidad, 110 VCA, 50/60 Hz, para EE. UU.       |

| Número de pieza | Descripción                                                                                    |
|-----------------|------------------------------------------------------------------------------------------------|
| WPLN4231_       | Cargador principal para una unidad, de 220 a 240 VCA, 50 Hz, para Argentina                    |
| WPLN4232_       | Cargador IMPRES para una unidad, enchufe para EE. UU.                                          |
| WPLN4233_       | Cargador IMPRES para una unidad con pantalla, enchufe para Reino Unido, enchufe para Argentina |
| WPLN4234_       | Cargador IMPRES para una unidad, enchufe para Europa                                           |
| WPLN4236_       | Cargador IMPRES para una unidad, de 220 a 240 VCA, 50 Hz, para Argentina                       |
| WPLN4239_       | Cargador IMPRES para varias unidades con una pantalla, para EE. UU.                            |
| WPLN4253_       | Cargador IMPRESS para una unidad LTD (SMPS NA/LA)                                              |

| Número de pieza | Descripción                                          |
|-----------------|------------------------------------------------------|
| WPLN4281_       | Cargador IMPRES para una unidad, enchufe para Brasil |

**Tabla 21 :Audífonos y auriculares**

| Número de pieza | Descripción                                            |
|-----------------|--------------------------------------------------------|
| AARLN4885_      | Audífono de solo recepción                             |
| BDN6666_        | Auricular con control de volumen                       |
| BDN6728_        | Auricular solo recepción con control de volumen, negro |
| PMLN4620_       | Auricular D-Shell de solo recepción                    |
| PMLN5096_       | Auriculares D-Shell                                    |
| PMLN5101_       | Transductor de sien IMPRES con push-to-talk en línea   |
| PMLN5973_       | Receptor con micrófono/PTT integrados, MagOne          |

| Número de pieza         | Descripción                                                                   |
|-------------------------|-------------------------------------------------------------------------------|
| PMLN5975_               | Auricular giratorio con micrófono/PTT, MagOne                                 |
| PMLN5976_               | Auriculares con micrófono Boom, PTT integrado, MagOne                         |
| PMLN6069_               | Auricular con micrófono/PTT integrados, MagOne                                |
| PMLN7181_ <sup>25</sup> | Auricular giratorio de ajuste flexible con micrófono Boom                     |
| PMLN7203_ <sup>25</sup> | Auricular giratorio de ajuste flexible con micrófono Boom, paquetes múltiples |
| PMLN7696_ <sup>25</sup> | Kit de auriculares totalmente discretos                                       |
| PMLN7851_               | Auricular inalámbrico de operación crítica con PTT                            |
| RLN4941_                | Auricular de solo recepción                                                   |

<sup>25</sup> El radio es compatible con los accesorios que se enumeran aquí. Para obtener más información, comuníquese con su distribuidor.

| Número de pieza | Descripción                                                          |
|-----------------|----------------------------------------------------------------------|
| RLN5037_        | Tubos acústicos de repuesto para auriculares CommPort, paquete de 10 |
| RLN5313_        | Kit de vigilancia de ruido, solo recepción, negro                    |
| RLN5314_        | Kit de vigilancia de ruido, solo recepción, beige                    |
| RLN6279_        | Auricular estándar, negro                                            |
| RLN6280_        | Auricular estándar, beige                                            |
| RLN6283_        | Repuesto de almohadilla de espuma para el oído y paravientos         |
| RLN6284_        | Auricular con conjunto de tubo acústico, beige                       |
| RLN6285_        | Auricular con conjunto de tubo acústico, negro                       |
| RLN6288_        | Auricular con kit para ruidos altos, beige                           |
| RLN6289_        | Auricular con kit para ruidos altos, negro                           |

| Número de pieza        | Descripción                                                                                            |
|------------------------|--------------------------------------------------------------------------------------------------------|
| RLN6511_ <sup>25</sup> | Tapones protectores auditivos pequeños transparentes EP7 [Sonic Defenders], reducción de ruido = 28 dB |
| RLN6512_ <sup>25</sup> | Tapones protectores auditivos medianos transparentes EP7 [Sonic Defenders], reducción de ruido = 28 dB |
| RLN6513_ <sup>25</sup> | Tapones protectores auditivos grandes transparentes EP7 [Sonic Defenders], reducción de ruido = 28 dB  |
| RLN6550_ <sup>25</sup> | Auricular giratorio con micrófono integrado para pod del kit de accesorios Bluetooth, paquete de 3     |
| NNTN8294_              | Auricular de 1 cable de 29 cm, negro                                                                   |
| NNTN8295_              | Auricular de 1 cable de 116 cm, negro                                                                  |
| NNTN8296_              | Kit encubierto inalámbrico, incluye dos conjuntos de auriculares de                                    |

| Número de pieza         | Descripción                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
|                         | 2 cables (1 negro y 1 blanco), un auricular de 1 cable (negro) y un adaptador de 3,5 mm para conectar a cualquier tipo de auricular comercial |
| NNTN8299_ <sup>26</sup> | Almohadillas para auriculares inalámbricos para operaciones críticas                                                                          |
| NNTN8316_               | Kit de almohadillas de repuesto para audífonos inalámbricos                                                                                   |
| WADN4190_               | Receptor sobre la oreja para micrófono con altavoz remoto                                                                                     |
| NTN8821_                | Kit de mantenimiento del auricular inalámbrico                                                                                                |
| NTN8988_                | Cintas para la oreja para auriculares CommPort (para fijar con firmeza en la oreja), paquete de 10                                            |

<sup>26</sup> Reemplazo para NNTN8294\_ y NNTN8295\_

<sup>27</sup> Reemplazo para NNTN8125\_

| Número de pieza         | Descripción                                                                         |
|-------------------------|-------------------------------------------------------------------------------------|
| NNTN8385_ <sup>25</sup> | Adaptador en Y para el cuello y gancho de retención para el kit totalmente discreto |

**Tabla 22 :Auriculares y accesorios para auriculares**

| Número de pieza        | Descripción                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------------------|
| NTN2572_ <sup>27</sup> | Cable de auricular de 30,5 cm (12 pulg.)                                                                                |
| NNTN8125_              | Auriculares inalámbricos sin seguridad y dispositivo Push-to-Talk con audio Push-to-Talk y cable de 30,5 cm (12 pulg.)  |
| NNTN8126_              | Auriculares inalámbricos sin seguridad y dispositivo Push-to-Talk con audio Push-to-Talk y cable de 30,5 cm (9.5 pulg.) |



| Número de pieza | Descripción                                                                                                                     |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------|
| NNTN8281_       | Auriculares inalámbricos y dispositivo Push-to-Talk con audio Push-to-Talk, cable de 30,5 cm (12 pulg.), enchufe para Argentina |
| NNTN8282_       | Auriculares inalámbricos y dispositivo Push-to-Talk con audio Push-to-Talk, cable de 30,5 cm (12 pulg.), enchufe para Brasil    |
| NNTN8283_       | Auriculares inalámbricos y dispositivo Push-to-Talk con audio Push-to-Talk, cable de 24 cm (9,5 pulg.), enchufe para Argentina  |
| NNTN8284_       | Auriculares inalámbricos y dispositivo Push-to-Talk con audio Push-to-Talk, cable de 24 cm (9,5 pulg.), enchufe para Brasil     |
| NNTN8285_       | Dispositivo Push-to-Talk inalámbrico, enchufe para Argentina                                                                    |
| NNTN8286_       | Dispositivo Push-to-Talk inalámbrico, enchufe para Brasil                                                                       |

| Número de pieza | Descripción                                                                                                                   |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------|
| NNTN8363_       | Dispositivo Push-to-Talk inalámbrico, enchufe para Europa                                                                     |
| NNTN8364_       | Auriculares inalámbricos y dispositivo Push-to-Talk con audio Push-to-Talk, cable de 30,5 cm (12 pulg.), enchufe para Europa  |
| NNTN8365_       | Auriculares inalámbricos y dispositivo Push-to-Talk con audio Push-to-Talk, cable de 30,5 cm (9.5 pulg.), enchufe para Europa |
| PMLN5102_       | Auriculares ultralivianos                                                                                                     |
| PMLN5974_       | Auriculares ligeros con micrófono Boom y PTT, MagOne                                                                          |
| PMLN5979_       | Auriculares ultraligeros con micrófono Boom y PTT, MagOne                                                                     |
| PMLN6463_       | Kit de accesorios inalámbricos comerciales                                                                                    |
| PMLN6852_       | Auriculares delgados para usar detrás de la cabeza, de uso                                                                    |

| Número de pieza | Descripción                                                                      |
|-----------------|----------------------------------------------------------------------------------|
|                 | intensivo y de última generación, GCAI                                           |
| PMLN6853_       | Auriculares tipo diadema de uso intensivo y última generación, TIA con GCAI 4950 |
| PMLN7466_       | Auriculares para uso intensivo tipo diadema con GCAI                             |
| PMLN7467_       | Auriculares de uso intensivo tipo diadema/TIA con GCAI                           |
| RLN6490_        | Auriculares XBT de uso intensivo inalámbricos sin seguridad para el cuello       |
| RLN6491_        | Auriculares XBT de uso intensivo inalámbricos sin seguridad tipo diadema         |
| RLN6492_        | Diadema para auriculares XBT                                                     |
| RLN6493_        | Banda para el cuello para auriculares XBT                                        |
| RLN6495_        | Micrófono Boom para auriculares XBT                                              |

| Número de pieza | Descripción                                                            |
|-----------------|------------------------------------------------------------------------|
| RLN6496_        | Almohadillas de refrigeración para auriculares XBT                     |
| RLN6497_        | Kit de limpieza para auriculares XBT                                   |
| RLN6498_        | Unidad de fuente de alimentación universal de 5 V para auriculares XBT |
| RLN6502_        | Kit de accesorios Bluetooth MOTOTRBO para Argentina                    |
| RLN6504_        | Kit de accesorios Bluetooth MOTOTRBO para Brasil                       |
| RMN5058_        | Auriculares ligeros                                                    |

**Tabla 23 :Micrófonos remotos con altavoz**

| Número de pieza | Descripción                                |
|-----------------|--------------------------------------------|
| NNTN8382_       | Micrófono remoto para altavoz IMPRES, IP57 |

| Número de pieza         | Descripción                                                               |
|-------------------------|---------------------------------------------------------------------------|
| NNTN8383_               | Micrófono remoto para altavoz IMPRES con auricular                        |
| PMMN4024_               | Micrófono con altavoz remoto                                              |
| PMMN4025_               | Micrófono con altavoz remoto IMPRES                                       |
| PMMN4040_               | Micrófono con altavoz remoto, sumergible, IP57                            |
| PMMN4046_               | Micrófono del altavoz remoto IMPRES, con volumen, IP57                    |
| PMMN4050_               | Micrófono con altavoz remoto IMPRES, con auricular y cancelación de ruido |
| PMMN4083_ <sup>28</sup> | Micrófono con altavoz remoto IMPRES, grande, APX IP68 Delta T (GCAI)      |
| PMMN4096_               | Micrófono con altavoz remoto inalámbrico, crítico y funcional             |

| Número de pieza | Descripción                                                                                                                               |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| PMMN4099_       | Micrófono con altavoz remoto de uso intensivo IMPRES, IP68                                                                                |
| PMMN4102_       | Micrófono con altavoz remoto IMPRES con cancelación de ruido, conector de 3,5 mm, cable en espiral largo y conector Nexus                 |
| PMMN4102B_G RN  | Micrófono con altavoz remoto IMPRES con cancelación de ruido, conector de 3,5 mm, cable en espiral largo y conector Nexus (carcasa verde) |
| PMMN4113_       | Micrófono con altavoz remoto omnidireccional IMPRES con conector de 3,5 mm, cable en espiral largo y conector Nexus                       |
| RLN6074_        | Kit de cables en espiral de repuesto para el micrófono del altavoz remoto (para usar con PMMN4024_ y PMMN4040_)                           |

<sup>28</sup> El radio es compatible con los accesorios que se enumeran aquí. Para obtener más información, comuníquese con su distribuidor.

| Número de pieza       | Descripción                                                                                                               |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------|
| RLN6075_              | Kit de cables en espiral de repuesto para el micrófono con altavoz remoto (para usar con PMMN4025_, PMMN4046_, PMMN4050_) |
| RLN6561_ / MDRLN6561_ | RSM inalámbrico de operación crítica                                                                                      |

**Tabla 24 :Accesorios para supervisión**

| Número de pieza | Descripción                                                                   |
|-----------------|-------------------------------------------------------------------------------|
| NNTN8459_       | Kit de vigilancia de 1 cable con tubo transparente, negro                     |
| PMLN6123_       | Kit de vigilancia IMPRES de 3 cables con tubo acústico nítido y cómodo, negro |

| Número de pieza | Descripción                                                                   |
|-----------------|-------------------------------------------------------------------------------|
| PMLN6124_       | Kit de vigilancia IMPRES de 3 cables con tubo acústico nítido y cómodo, beige |
| PMLN6125_       | Kit de vigilancia de solo recepción, negro (un cable)                         |
| PMLN6126_       | Kit de vigilancia de solo recepción, beige (1 cable)                          |
| PMLN6127_       | Kit de vigilancia IMPRES de 2 cables, negro                                   |
| PMLN6128_       | Kit de vigilancia IMPRES de 2 cables, beige                                   |
| PMLN6129_       | Kit de vigilancia IMPRES de 2 cables con tubo acústico nítido y cómodo, negro |
| PMLN6130_       | Kit de vigilancia IMPRES de 2 cables con tubo acústico nítido y cómodo, beige |

| Número de pieza         | Descripción                                                                              |
|-------------------------|------------------------------------------------------------------------------------------|
| PMLN7052_ <sup>29</sup> | Kit de vigilancia de 1 cable para operaciones críticas inalámbricas con tubo translúcido |
| RLN4760_                | Auricular pequeño personalizado para kits de vigilancia, oído derecho                    |
| RLN4761_                | Auricular mediano personalizado para kits de vigilancia, oído derecho                    |
| RLN4762_                | Auricular grande personalizado para kits de vigilancia, oído derecho                     |
| RLN4763_                | Auricular pequeño personalizado para kits de vigilancia, oído izquierdo                  |
| RLN4764_                | Auricular mediano personalizado para kits de vigilancia, oído izquierdo                  |
| RLN4765_                | Auricular grande personalizado para kits de vigilancia, oído izquierdo                   |

| Número de pieza | Descripción                                                                     |
|-----------------|---------------------------------------------------------------------------------|
| RLN6281_        | Tapones de espuma de reemplazo, paquete de 50 (para usar con RLN5886_)          |
| RLN6282_        | Almohadillas de repuesto, transparentes, paquete de 50 (para usar con RLN5887_) |

**Tabla 25 :Accesorios misceláneos**

| Número de pieza | Descripción                                              |
|-----------------|----------------------------------------------------------|
| 15012157001     | Conjunto de la cubierta antipolvo                        |
| 1505596Z02      | Correa de repuesto para los chalecos RLN4570_ y HLN6602_ |
| 32012144001     | Banda de identificación de antena: gris                  |
| 32012144002     | Banda de identificación de antena: amarillo              |

<sup>29</sup> El radio es compatible con los accesorios que se enumeran aquí. Para obtener más información, comuníquese con su distribuidor.

| Número de pieza    | Descripción                                                           |
|--------------------|-----------------------------------------------------------------------|
| 32012144003        | Banda de identificación de antena: verde                              |
| 32012144004        | Banda de identificación de antena: azul                               |
| 32012144005        | Banda de identificación de antena: púrpura                            |
| 4200865599         | articulación                                                          |
| 4280384F89         | Correa de extensión para RadioPak universales                         |
| 5880348B33         | Adaptador de SMA a BNC, revisado                                      |
| AY000267A01_<br>30 | Protector de pantalla transparente (cada paquete contiene una unidad) |
| HLN6602_           | Chaleco universal                                                     |
| HLN9985_           | Bolsa impermeable, incluye correa de transporte grande                |

| Número de pieza | Descripción                                                            |
|-----------------|------------------------------------------------------------------------|
| NTN5243_        | Correa para el hombro (se une al anillo D en el estuche de transporte) |
| PMKN4012_       | Cable de programación portátil para DMR                                |
| PMKN4013_       | Cable de prueba y alineación para programación                         |
| PMKN4040_       | Cable de telemetría portátil para DMR                                  |
| PMKN4071_       | Adaptador IMPRES portátil sin compatibilidad para computadora          |
| PMKN4126_       | Cable de programación y TTR para prueba de alineación                  |
| PMLN6765_       | Módulo de interfaz PTT/VOX GCAI táctico                                |
| PMLN6767_       | Push-to-talk de cuerpo remoto táctico                                  |
| PMLN6827_       | Módulo de interfaz Push-to-talk                                        |

<sup>30</sup> El radio es compatible con los accesorios que se enumeran aquí. Para obtener más información, comuníquese con su distribuidor.

| Número de pieza | Descripción                                                                            |
|-----------------|----------------------------------------------------------------------------------------|
| PMLN6830_       | Push-to-Talk de anillo remoto táctico                                                  |
| PMLN6833_       | Transductor de sien táctico de uso intensivo con micrófono Boom y cancelación de ruido |
| RLN4295_        | Pequeño clip, correa Epaulet                                                           |
| RLN4570_        | Chaleco desmontable                                                                    |
| RLN4815_        | Paquete de radio universal y estuche de herramientas (riñonera)                        |

# Uso de radio marítimo en el alcance de frecuencia VHF

## Asignaciones de canales especiales

### Canal de emergencia

Si se encuentra ante un peligro grave e inminente en el mar y necesita ayuda de emergencia, utilice el canal VHF 16 para enviar una llamada de auxilio a las embarcaciones cercanas y a la Guardia costera local. Transmita la siguiente información, en este orden:

- 1 "SOS, SOS, SOS".
- 2 "ESTE ES \_\_\_\_\_, IDENTIFICACIÓN DE ESTACIÓN \_\_\_\_\_".  
Indique el nombre de la embarcación que necesita auxilio 3 veces, seguido por la señal de llamada u otra identificación de la embarcación 3 veces.
- 3 Repita "SOS" y el nombre de la embarcación.
- 4 "NUESTRA UBICACIÓN ES \_\_\_\_\_". Indique la posición de la embarcación que necesita auxilio, mediante todo dato

que pueda resultar útil a las personas que respondan para ubicarlo, por ejemplo:

- latitud y longitud
- rumbo (indique si utiliza el norte magnético o el real)
- distancia a un punto de referencia conocido
- curso, velocidad y destino de la embarcación

- 5 Indique la naturaleza de la emergencia.
- 6 Especifique el tipo de ayuda que precisa.
- 7 Mencione la cantidad de tripulantes y cuántos necesitan atención médica, si así lo fuera.
- 8 Mencione todo otro dato que pudiera resultar útil a las personas que responden, como tipo de embarcación, eslora, tonelaje, color del casco, etc.
- 9 "CAMBIO".
- 10 Espere la respuesta.
- 11 Si no recibe una respuesta inmediata, quédese cerca del radio y repita la transmisión a intervalos hasta que reciba una respuesta. Esté preparado para seguir las instrucciones que le indiquen.



## Canal para llamadas no comerciales

Para las transmisiones no comerciales, por ejemplo, informes de pesca, citas, planificación de reparaciones o información de atraque, utilice el **Canal VHF 9**.

## Requisitos de frecuencia de funcionamiento

Un radio destinado a uso a bordo debe cumplir con la Parte 80 de las normas de la Comisión Federal de Comunicaciones según se detalla a continuación:

- En las embarcaciones sujetas a la Parte II del Título III de la Ley de Comunicaciones, el radio debe ser apto para su funcionamiento en la frecuencia de 156.800 MHz.
- En embarcaciones sujetas a la Convención de Seguridad, el radio debe ser apto para funcionar:
  - En el modo simplex, en las frecuencias de transmisión de la estación de la embarcación especificadas en la banda de frecuencia de 156.025–157.425 MHz; y
  - En el modo de semidúplex en los dos canales de frecuencia especificados en la tabla a continuación.



### AVISO:

Conforme a lo dispuesto por ley, los canales simplex 3, 21, 23, 61, 64, 81, 82 y 83 no los puede utilizar el público general en aguas de EE. UU.

Para obtener información adicional acerca de los requisitos de funcionamiento en los Servicios Marítimos, consulte el texto completo de las normas de la FCC Parte 80 o a la Guardia costera local.

**Tabla 26 :Lista de canales VHF marítimos**

| Número del canal | Frecuencia (MHz) |           |
|------------------|------------------|-----------|
|                  | Transmitir       | Recepción |
| 1                | 156.050          | 160.650   |
| 2                | 156.100          | 160.700   |
| *                | 156.150          | 160.750   |
| 4                | 156.200          | 160.800   |
| 5                | 156.250          | 160.850   |
| 6                | 156.300          | —         |
| 7                | 156.350          | 160.950   |
| 8                | 156.400          | —         |

|      |         |         |
|------|---------|---------|
| 9    | 156.450 | 156.450 |
| 10   | 156.500 | 156.500 |
| 11   | 156.550 | 156.550 |
| 12   | 156.600 | 156.600 |
| 13** | 156.650 | 156.650 |
| 14   | 156.700 | 156.700 |
| 15** | 156.750 | 156.750 |
| 16   | 156.800 | 156.800 |
| 17** | 156.850 | 156.850 |
| 18   | 156.900 | 161.500 |
| 19   | 156.950 | 161.550 |
| 20   | 157.000 | 161.600 |
| *    | 157.050 | 161.650 |
| 22   | 157.100 | 161.700 |
| *    | 157.150 | 161.750 |
| 24   | 157.200 | 161.800 |
| 25   | 157.250 | 161.850 |
| 26   | 157.300 | 161.900 |

|      |         |         |
|------|---------|---------|
| 27   | 157.350 | 161.950 |
| 28   | 157.400 | 162.000 |
| 60   | 156.025 | 160.625 |
| *    | 156.075 | 160.675 |
| 62   | 156.125 | 160.725 |
| 63   | 156.175 | 160.775 |
| *    | 156.225 | 160.825 |
| 65   | 156.275 | 160.875 |
| 66   | 156.325 | 160.925 |
| 67** | 156.375 | 156.375 |
| 68   | 156.425 | 156.425 |
| 69   | 156.475 | 156.475 |
| 71   | 156.575 | 156.575 |
| 72   | 156.625 | —       |
| 73   | 156.675 | 156.675 |
| 74   | 156.725 | 156.725 |
| 75   | ***     | ***     |
| 76   | ***     | ***     |

|      |         |         |
|------|---------|---------|
| 77** | 156.875 | —       |
| 78   | 156.925 | 161.525 |
| 79   | 156.975 | 161.575 |
| 80   | 157.025 | 161.625 |
| *    | 157.075 | 161.675 |
| *    | 157.125 | 161.725 |
| *    | 157.175 | 161.775 |
| 84   | 157.225 | 161.825 |
| 85   | 157.275 | 161.875 |
| 86   | 157.325 | 161.925 |
| 87   | 157.375 | 161.975 |
| 88   | 157.425 | 162.025 |



**AVISO:**  
\* **Conforme a lo dispuesto por la ley, los canales Simplex 3, 21, 23, 61, 64, 81, 82, y 83 no pueden ser utilizados por el público general en aguas de EE. UU.**  
\*\* *Solo baja potencia (1 W).*  
\*\*\* *Banda de guarda.*



**AVISO:**  
Un — en la columna Recepción indica que el canal es para transmisión solamente.

## Declaración de cumplimiento para el uso de frecuencias de socorro y seguridad

El equipo del radio no emplea una modulación distinta a la modulación adoptada internacionalmente para el uso marítimo cuando funciona en las frecuencias de socorro y seguridad especificadas en RSS-182, sección 7.3.

## Parámetros técnicos para la interfaz de fuentes de datos externas

Tabla 27 :Parámetros técnicos para la interfaz de fuentes de datos externas

|                                     | RS232 | USB   | SB9600 |
|-------------------------------------|-------|-------|--------|
| <b>Voltaje de entrada (voltios)</b> | 18 V  | 3,6 V | 5 V    |

|                                            | RS232          | USB       | SB9600        |
|--------------------------------------------|----------------|-----------|---------------|
| pico a<br>pico)                            |                |           |               |
| Velocidad<br>de<br>transmisión<br>de datos | 28 kb/s        | 12 Mb/s   | 9,6 kb/s      |
| Impedancia                                 | 5000<br>ohmios | 90 ohmios | 120<br>ohmios |

## Garantía de la batería y los cargadores

### Garantía de mano de obra

La garantía de mano de obra es una garantía que cubre defectos de mano de obra bajo condiciones de uso y servicio normales.

|                                                                                                |          |
|------------------------------------------------------------------------------------------------|----------|
| Todas las baterías<br>MOTOTRBO                                                                 | 24 meses |
| Cargadores IMPRES<br>(cargador individual y<br>cargador para varias<br>unidades, sin pantalla) | 24 meses |
| Cargador IMPRES (varias<br>unidades con pantalla)                                              | 12 meses |

### Garantía de capacidad

La garantía de capacidad cubre el 80 % de la capacidad nominal durante el tiempo de cobertura de la garantía.

|                                                                               |          |
|-------------------------------------------------------------------------------|----------|
| Baterías de níquel e<br>hidruro metálico (NiMH) o<br>de ion de litio (Li-Ion) | 12 meses |
| Baterías IMPRES,<br>cuando se usan<br>exclusivamente con<br>cargadores IMPRES | 18 meses |

# Garantía limitada

## PRODUCTOS DE COMUNICACIÓN DE MOTOROLA SOLUTIONS

### I. COBERTURA Y DURACIÓN DE ESTA GARANTÍA:

Motorola Solutions Inc. (“Motorola Solutions”) garantiza los Productos de comunicación fabricados por Motorola Solutions mencionados a continuación (“Producto”) ante defectos de materiales y mano de obra, bajo condiciones de uso y servicio normales, por un período a partir de la fecha de compra, según se establece a continuación:

|                                                             |               |
|-------------------------------------------------------------|---------------|
| Radios portátiles                                           | Tres (3) años |
| Accesorios para productos (excluidos cargadores y baterías) | Un (1) año    |

Motorola Solutions, según su criterio, reparará el producto (con piezas nuevas o reacondicionadas), lo sustituirá (por

un producto nuevo o reacondicionado) o efectuará la devolución del precio de compra sin cargos durante el período de garantía indicado, siempre que dicho producto se devuelva según los términos de esta garantía. Las piezas o tarjetas reemplazadas están garantizadas por el balance del período de la garantía original. Todas las piezas reemplazadas del producto pasarán a ser propiedad de Motorola Solutions.

Motorola Solutions extiende esta garantía limitada expresa solo para el comprador usuario final original y no se puede ceder ni transferir a terceros. Esta es la garantía completa para los productos fabricados por Motorola Solutions. Motorola Solutions no asume obligación ni responsabilidad alguna por incorporaciones o modificaciones a esta garantía, a menos que sea por escrito y esté firmado por un agente de Motorola Solutions.

A menos que se establezca en un acuerdo independiente entre Motorola Solutions y el comprador usuario final original, Motorola Solutions no garantiza la instalación, el mantenimiento ni el servicio técnico del producto.

Motorola Solutions no puede responsabilizarse bajo ninguna circunstancia por los equipos periféricos que no haya suministrado y que se agreguen al producto o se utilicen en relación con este, ni por el funcionamiento de este con un equipo periférico; todos estos equipos se

excluyen expresamente de esta garantía. Dado que cada sistema que puede usar el producto es único, Motorola Solutions no se hace responsable del rango, la cobertura ni el funcionamiento del sistema como un todo, conforme a esta garantía.

## II. CONDICIONES GENERALES

Esta garantía establece sin limitaciones las responsabilidades de Motorola Solutions con respecto al Producto. La reparación, el cambio o el reembolso del precio de compra, a discreción de Motorola Solutions, son los recursos legales exclusivos. ESTA GARANTÍA SE OTORGA EN LUGAR DE CUALQUIER OTRA GARANTÍA EXPRESA. TODA GARANTÍA IMPLÍCITA INCLUIDA, ENTRE OTRAS, LAS GARANTÍAS IMPLÍCITAS DE COMERCIALIZACIÓN E IDONEIDAD PARA UN PROPÓSITO EN PARTICULAR, SE LIMITARÁ A LA DURACIÓN DE ESTA GARANTÍA LIMITADA. EN NINGÚN CASO MOTOROLA SERÁ RESPONSABLE POR LOS DAÑOS QUE EXCEDAN EL PRECIO DE COMPRA DEL PRODUCTO, DE CUALQUIER PÉRDIDA DE USO, PÉRDIDA DE TIEMPO, INCONVENIENTES, PÉRDIDA COMERCIAL, PÉRDIDA DE UTILIDADES O AHORROS U OTROS DAÑOS IMPREVISTOS, ESPECIALES O RESULTANTES DE DAÑOS QUE SURJAN DEL USO O

LA INCAPACIDAD DE USAR DICHO PRODUCTO, SIEMPRE QUE LA LEY LO PERMITA.

## III. DERECHOS CONFORME A LEYES ESTATALES:

DADO QUE ALGUNOS ESTADOS NO PERMITEN LA EXCLUSIÓN NI LA LIMITACIÓN POR DAÑOS IMPREVISTOS O RESULTANTES DEL USO O LA LIMITACIÓN DE LOS PLAZOS DE LA GARANTÍA IMPLÍCITA, LA LIMITACIÓN O EXCLUSIÓN ANTES MENCIONADA PODRÍA NO APLICARSE EN SU CASO.

Esta garantía otorga derechos legales específicos al usuario, quien, además, podría contar con otros derechos que varían según el estado.

## IV. CÓMO OBTENER EL SERVICIO DE GARANTÍA

Para recibir el servicio de garantía, deberá suministrar el comprobante de compra (con la fecha de compra y el número de serie del producto), además de entregar o enviar el producto a un sitio de servicio de garantía autorizado con los gastos de transporte y seguro pagados por adelantado. El servicio de garantía será proporcionado

por Motorola Solutions a través de una de sus sucursales de servicio de garantía autorizadas. Si se comunica primero con la empresa que le vendió el producto (por ejemplo, el distribuidor o el proveedor de servicios de comunicación), esta podrá ayudarlo a obtener el servicio de garantía. También puede comunicarse con Motorola Solutions al 1-800-927-2744.

## V. EXCLUSIONES DE ESTA GARANTÍA

- 1 Defectos o daños derivados del uso del producto fuera de las condiciones de uso normales y habituales.
- 2 Defectos o daños como resultado de uso indebido, accidente, humedad o negligencia.
- 3 Defectos o daños como resultado de prueba, funcionamiento, mantenimiento, instalación, alteración, modificación o ajuste inapropiados.
- 4 Rotura o daño en las antenas, a menos que sean consecuencia de defectos en el material o la mano de obra.
- 5 Un Producto sujeto a modificaciones, desmontajes o reparaciones no autorizados (incluida, entre otros, la incorporación al Producto de equipos no suministrados por Motorola Solutions) que afecten de forma negativa el rendimiento del Producto o interfieran en la inspección y las pruebas de la garantía normal del Producto de Motorola Solutions para verificar cualquier reclamación de garantía.
- 6 Un producto al que se le haya eliminado el número de serie o que este ya no sea legible.
- 7 Baterías recargables si se presenta una de las siguientes condiciones:
  - Alguno de los sellos de las celdas de la batería está roto o muestra evidencia de haber sido manipulado.
  - El daño o defecto es resultado de carga o utilización de la batería en equipos o servicios que no sean los especificados.
- 8 Gastos de envío al centro de reparaciones.
- 9 Un Producto que, debido a una alteración ilegal o no autorizada del software/firmware del Producto, no funcione en cumplimiento con las especificaciones publicadas de Motorola Solutions o la etiqueta de certificación de tipo de FCC en curso para el Producto al momento en que el Producto se distribuyó inicialmente desde Motorola Solutions.
- 10 Rayas o daños externos en las superficies del producto que no afecten el funcionamiento de este.



## 11 Uso y desgaste normales y habituales.

## VI. DISPOSICIONES SOBRE PATENTES Y SOFTWARE

Motorola Solutions defenderá, por cuenta propia, cualquier juicio presentado contra el comprador usuario final que se base en un reclamo de que el Producto o las piezas violan una patente de Estados Unidos, y Motorola Solutions se hará cargo de los gastos y daños finalmente adjudicados contra el comprador usuario final en cualquier juicio de ese tipo que se atribuya a un reclamo de dicho tipo, pero tal defensa y pagos están condicionados por lo siguiente:

- 1 que dicho comprador notifique la existencia de tal reclamo a Motorola Solutions de manera inmediata y por escrito;
- 2 que Motorola Solutions posea el control absoluto de la defensa en tal juicio y en todas las negociaciones para su resolución o compromiso; y
- 3 en caso de que el Producto o las piezas sean, o en la opinión de Motorola Solutions tengan probabilidad de serlo, motivo de demanda por infracción de una patente de Estados Unidos, tal comprador permitirá a Motorola Solutions, a su entera discreción y por su propia cuenta, procurar el derecho para ese comprador

de seguir utilizando el Producto o las piezas o reemplazar o modificar dicho Producto, o sus piezas, para que no violen la ley, u otorgarle a dicho comprador un crédito por el Producto o las piezas según la depreciación y aceptar su devolución. La depreciación será un monto equivalente por año durante la vida útil del producto o de las piezas, según lo estipulado por Motorola Solutions.

Motorola Solutions no será responsable con respecto a demanda alguna por infracción de patente que esté basada en la combinación del Producto o sus piezas con software, aparatos o dispositivos no provistos por Motorola Solutions, ni tampoco será responsable del uso de equipos periféricos o software no provistos por Motorola Solutions que se agreguen o utilicen en conexión con el Producto. Lo expresado anteriormente estipula la total responsabilidad de Motorola Solutions con respecto a la infracción de patentes por parte del Producto o cualquier pieza del mismo.

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## VII. LEY VIGENTE

Esta garantía se rige por las leyes del estado de Illinois, EE. UU.

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## Declaração de conformidade do fornecedor

### Declaração de conformidade do fornecedor

De acordo com a CFR 47 Parte 2 Seção 2.1077(a) da FCC



Parte responsável

Nome: Motorola Solutions, Inc.

Endereço: 2000 Progress Pkwy, Schaumburg, IL. 60196

Telefone: 1-800-927-2744

Declara que o produto:

Nome do modelo: **DGP 5550/DGP 8550/DGP 5550e/DGP 8550e**

está em conformidade com as seguintes normas:

FCC Parte 15, subparte B, seção 15.107(a), 15.107(d) e seção 15.109(a)

### Dispositivo digital Classe B

Como periférico de computador pessoal, este dispositivo está em conformidade com a Parte 15 das Normas da FCC.

A operação está sujeita às duas condições a seguir:

- 1 Este dispositivo não pode causar interferências prejudiciais e
- 2 Este dispositivo deve aceitar qualquer interferência, inclusive as que possam causar operação indesejável do dispositivo.



**OBSERVAÇÃO:**

Esse equipamento foi testado e considerado em conformidade com os limites para um dispositivo digital da Classe B, nos termos da parte 15 das Normas da FCC. Esses limites foram elaborados para fornecer uma proteção aceitável contra interferências prejudiciais em uma instalação residencial. Este equipamento gera, utiliza e pode irradiar energia de radiofrequência e, caso não seja instalado e usado de acordo com as instruções, poderá causar interferência prejudicial às comunicações de rádio. Entretanto, não há garantia de que não ocorrerão interferências em uma instalação específica.

Se este equipamento provocar interferência prejudicial à recepção de rádio ou televisão, o que pode ser determinado ao ligar e desligar o equipamento, o usuário deverá tentar corrigir a interferência seguindo um ou mais dos procedimentos abaixo:

- Reorientação ou reposicionamento da antena receptora.
- Aumento da distância entre o equipamento e o receptor.
- Conexão do equipamento com uma tomada de um circuito diferente daquele ao qual o receptor está conectado.
- Consultar um revendedor ou um técnico de rádio ou TV experiente para obter ajuda.

Para uso de seleção do código do país (dispositivos WLAN)



**OBSERVAÇÃO:**

Apenas modelos de países que não os EUA contêm a seleção de código do país, mas esse recurso não está incluído em todos os modelos dos EUA. De acordo com as regulamentações da FCC, todos os produtos Wi-Fi comercializados nos Estados Unidos devem conter apenas canais de operação dos EUA.



# Informações de segurança importantes

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## Guia de exposição à energia de RF e segurança do produto para rádios bidirecionais portáteis



### ATENÇÃO:

**Este rádio é restrito apenas à utilização profissional.** Antes de utilizar o rádio, leia o Guia de exposição à energia de RF e segurança do produto para rádios bidirecionais portáteis que contém importantes instruções de operação para utilização segura, e reconhecimento e controle de energia de RF de acordo com normas e regulamentações aplicáveis.

## Versão do software

---

Todos os recursos descritos nas seções a seguir são compatíveis com as versões de software **R02.21.01.0000** ou mais recentes.

Consulte [Verificar versões de firmware e codeplug na página 259](#) para determinar a versão de software do seu rádio.

Entre em contato com seu revendedor ou administrador para obter mais informações.

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■ A Diretiva de WEEE da União Europeia exige que os produtos vendidos nos países da UE tenham a etiqueta de lixeira cruzada no produto (ou na embalagem, em alguns casos).

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Os clientes ou os usuários finais nos países da UE devem entrar em contato com o representante local do fornecedor do equipamento ou com a central de serviços para obter informações sobre o sistema de coleta de lixo em seu país.

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U.S. Pat. N°s #5,870,405, #5,826,222, #5,754,974, #5,701,390, #5,715,365, #5,649,050, #5,630,011, #5,581,656, #5,517,511, #5,491,772, #5,247,579, #5,226,084 e #5,195,166.

## Cuidados com o rádio

Esta seção descreve as precauções básicas de manuseio do rádio.

**Tabela 1 :Especificação IP**

| Especificação IP | Descrição                                                                        |
|------------------|----------------------------------------------------------------------------------|
| IP67             | Permite que o rádio suporte condições de campo adversas, como a imersão em água. |



### ATENÇÃO:

O rádio não deve ser desmontado. Isso pode danificar as vedações do rádio e criar canais de vazamento dentro do rádio. A manutenção do rádio deve ser feita somente em estabelecimentos de manutenção equipados para testar e substituir a vedação do rádio.

- Se o rádio tiver sido imerso em água, sacuda-o bem para remover a água presa dentro da grade do alto-falante e da porta de microfone. A água presa pode prejudicar o desempenho do áudio.

- Se a área de contato da bateria do rádio tiver sido exposta à água, você deverá limpar e secar os contatos do rádio e da bateria antes de instalá-la no rádio. A água residual poderá causar curto circuito no rádio.
- Se o rádio tiver sido imerso em alguma substância corrosiva (por exemplo, água salgada), você deverá lavar o rádio e a bateria em água e secá-los.
- Para limpar as superfícies externas do rádio, use uma solução diluída de detergente suave e água (por exemplo, uma colher de chá de detergente para quatro litros de água).
- Nunca aperte a saída de ar (orifício) localizada no chassi do rádio abaixo do contato da bateria. Essa saída de ar permite a equalização da pressão no rádio. Isso poderá criar canais de vazamento dentro do rádio e fazer com que a impermeabilidade do aparelho seja perdida
- Nunca obstrua nem cubra a saída de ar, nem com uma etiqueta.
- Certifique-se de que nenhuma substância oleosa entre em contato com a saída de ar.
- O rádio com antena instalada corretamente é projetado para ser imerso a uma profundidade máxima de 1 metro (3,28 pés) e pelo tempo máximo de 30 minutos. Se o

limite máximo for excedido ou for usado sem antena, o rádio poderá ser danificado.

- Ao limpar o rádio, não use spray de jato de alta pressão, pois isso poderá exceder a pressão de profundidade de 1 metro e fazer com que entre água no rádio.

# Introdução

Este guia de usuário aborda a operação dos seus rádios.

Entretanto, é possível que o revendedor ou administrador do sistema tenha personalizado seu rádio para atender às suas necessidades específicas. Obtenha mais informações com seu revendedor ou administrador do sistema.

Você pode consultar o revendedor ou administrador do sistema sobre:

- Seu rádio está programado com algum canal convencional predefinido?
- Que botões foram programados para acessar outros recursos?
- Que acessórios opcionais podem atender às suas necessidades?
- Quais são as práticas recomendadas de uso do rádio para comunicação efetiva?
- Quais procedimentos de manutenção ajudam a aumentar a vida útil do rádio?

## 1.1

## Informação de Ícone

Ao longo desta publicação, os ícones descritos são usados para indicar os recursos compatíveis nos modos analógico ou digital convencionais.



Indica uma função convencional **Apenas Modo Analógico**.



Indica uma função convencional **Apenas Modo Digital**.

Para as funções que estão disponíveis nos **dois** modos, analógico e digital convencionais, os **dois** ícones não são exibidos.

## 1.2

## Modos Analógico e Digital Convencionais

Cada canal do seu rádio pode ser configurado como analógico convencional ou digital.



## 1 : Botão Seletor de Canais

Alguns recursos estão disponíveis ao alternar do modo digital para o modo analógico. Os ícones dos recursos digitais refletem essa alteração tornando-se "sombreados". As funções desabilitadas ficam ocultas no menu.

Seu rádio também tem funções disponíveis nos dois modos, analógico e digital. No entanto, as pequenas diferenças no modo como cada função funciona **não** influenciam o desempenho do rádio.



### **OBSERVAÇÃO:**

Seu rádio também alterna entre os modos analógico e digital durante uma varredura de modo duplo. Consulte [Varredura na página 510](#) para obter mais informações.

### 1.3

## **IP Site Connect**

Esta função permite que seu rádio estenda a comunicação convencional para além do alcance de um único site, conectando-se a diferentes sites existentes conectados por meio de uma rede IP (Internet Protocol, protocolo de Internet). Este é um modo convencional de vários sites.

Quando o rádio fica fora do alcance de um site e no alcance de outro, se conecta ao repetidor do novo site para enviar ou receber chamadas/transmissões de dados. Isso é feito automaticamente ou manualmente dependendo das configurações.

Se o rádio estiver definido para realizar essa ação automaticamente, ele procurará todos os sites disponíveis quando o sinal do site atual estiver fraco ou quando não conseguir detectar qualquer sinal do site atual. Ele será, então, bloqueado no repetidor com o valor do RSSI (Received Signal Strength Indicator, indicador de intensidade do sinal recebido) mais intenso.

Em uma pesquisa manual de site, o rádio procura na lista de roaming pelo próximo site que esteja dentro do alcance (mas que talvez não tenha o sinal mais intenso) e o bloqueia no repetidor.



### **OBSERVAÇÃO:**

Cada canal só pode ter a Varredura ou o Roaming habilitado, e não ambos ao mesmo tempo.

Os canais com essa função habilitada podem ser adicionados a uma lista de roaming determinada. O rádio pesquisa os canais na lista de roaming durante a operação de roaming automático para localizar o melhor site. Uma

lista de roaming oferece suporte a, no máximo, 16 canais (incluindo o canal selecionado).



#### **OBSERVAÇÃO:**

Não é possível adicionar ou excluir manualmente uma entrada da lista de roaming. Entre em contato com o revendedor para obter mais informações.

## 1.4

### Capacity Plus

O Capacity Plus é um sistema troncalizado de nível de entrada para site único e vários sites. A troncalização dinâmica de site único e vários sites oferece melhor capacidade e cobertura.

#### 1.4.1

### Capacity Plus – Site Único

Capacity Plus – Site Único é uma configuração de entroncamento de site único do sistema de rádio MOTOTRBO, que utiliza um conjunto de canais para dar suporte a centenas de usuários e até 254 Grupos. Essa função permite que seu rádio utilize o número disponível de canais programados, durante o Modo Repetidor.

Você ouvirá um tom indicador negativo se tentar acessar um recurso não aplicável ao Capacity Plus – Site Único ao pressionar um botão programável.

Seu rádio também possui funções disponíveis no modo digital convencional, IP Site Connect e Capacity Plus. No entanto, as pequenas diferenças no modo como cada função funciona não influenciam o desempenho do rádio.

Obtenha mais informações junto ao seu revendedor ou administrador do sistema sobre essa configuração.

#### 1.4.2

### Capacity Plus – Vários Sites

O Capacity Plus – Vários Sites é uma configuração de troncalização de vários canais do sistema de rádio MOTOTRBO, combinando o melhor de ambas as configurações do Capacity Plus e do IP Site Connect.

O Capacity Plus–Multi-Site permite que o rádio estenda a comunicação de entroncamento para além do alcance de um único site, conectando-se a diferentes sites existentes conectados por meio de uma rede IP (Internet Protocol, protocolo de internet). Ela também fornece um aumento da capacidade, utilizando de forma eficiente o número combinado disponível de canais programados suportados pelos sites disponíveis.

Quando o rádio fica fora de alcance de um site e no alcance de outro, se conecta ao repetidor do novo site para enviar ou receber chamadas/transmissões de dados. Dependendo de suas configurações, isso é feito de forma automática ou manual.

Se o rádio estiver definido para realizar esta ação automaticamente, ele procura todos os sites disponíveis quando o sinal do site atual está fraco ou quando não consegue detectar qualquer sinal do site atual. Em seguida, ele é bloqueado no repetidor com o valor RSSI mais forte.

Em uma pesquisa manual de site, o rádio procura na lista de roaming pelo próximo site que esteja dentro do alcance (mas que talvez não tenha o sinal mais intenso) e é bloqueado nele.

Todos os canais com Capacity Plus – Vários Sites habilitado podem ser adicionados a uma lista de roaming em particular. O rádio pesquisa esses canais durante a operação de roaming automático para localizar o melhor site.



### **OBSERVAÇÃO:**

Não é possível adicionar ou excluir manualmente uma entrada da lista de roaming. Obtenha mais informações com seu revendedor ou administrador do sistema.

Semelhante ao Capacity Plus – Site Único, os ícones de funções não aplicáveis ao Capacity Plus – Vários Sites não estão disponíveis no menu. Um tom indicador negativo será emitido se você tentar acessar um recurso não aplicável ao Capacity Plus – Vários Sites com o pressionamento de um botão programável.

# Introdução

A introdução oferece instruções para preparar o rádio para o uso.

## 2.1

### Carregar a Bateria

Seu rádio utiliza uma bateria de Níquel Metal-Hidreto (NiMH) ou Íons de Lítio (Li-Ion).

Desligue o rádio ao carregar.

- Para ficar em conformidade com os termos de garantia e evitar danos, carregue a bateria usando um carregador autorizado da Motorola Solutions exatamente como descrito no guia do usuário do carregador.
- Carregue uma bateria nova por 14 a 16 horas antes do uso inicial para obter um desempenho ideal.  
O carregamento da bateria é mais eficiente em temperatura ambiente.
- Carregue sua bateria IMPRES™ com um carregador IMPRES para otimizar a duração da bateria e de seus dados valiosos. As baterias IMPRES

carregadas exclusivamente com carregadores IMPRES recebem uma extensão de garantia de capacidade de seis meses além da duração da garantia da bateria Motorola Solutions Premium padrão.

## 2.2

### Encaixe da Bateria

Siga o procedimento para fixar a bateria no rádio.

Este recurso de alerta de incompatibilidade de bateria só se aplica a baterias IMPRES e baterias não IMPRES com número do kit programado em EPROM (Erasable Programmable Read-Only Memory, memória somente leitura programável que pode ser apagada).

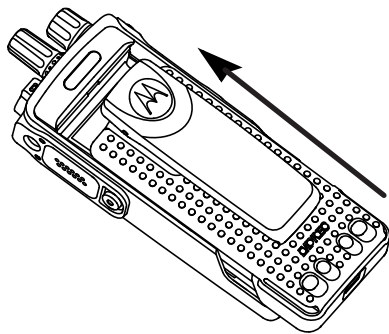
Quando a bateria errada é usada no rádio, um tom grave de aviso é emitido, o LED pisca em vermelho, o visor indica *Bateria Incorreta* e o recurso Notificação de Voz/Texto para Fala reproduz o texto *Bateria Incorreta* se ele estiver carregado usando o CPS.

Quando uma bateria não compatível é usada no rádio, um tom de alerta é emitido, o visor mostra *Bateria Desconhecida* e o ícone da bateria é desativado.

A certificação do rádio será cancelada se você anexar uma bateria UL a um rádio FM aprovado ou vice-versa. O rádio

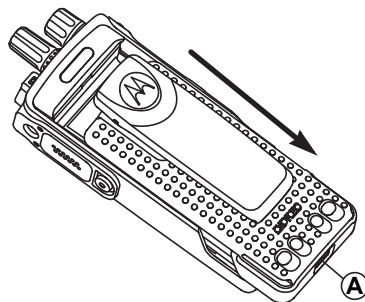
pode ser pré-programado no CPS para alertá-lo caso haja incompatibilidade de bateria. Verifique com seu fornecedor ou administrador do sistema como seu rádio foi programado.

- 1 Alinhe a bateria com os trilhos na parte traseira do rádio.
- 2 Pressione a bateria firmemente e deslize-a para cima até que a trava se encaixe no lugar.



- 3 Deslize a trava da bateria para a posição travada.
- 4 Para remover a bateria, desligue o rádio. Mova a trava da bateria marcada com **A** para a posição

destravada, segure e deslize a bateria para baixo e para fora dos trilhos.



### 2.3

## Instalar a Antena

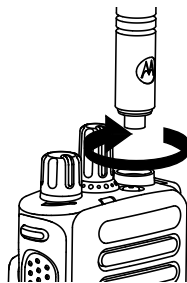
Desligue o rádio.

Coloque a antena no receptáculo e gire no sentido horário.



### **OBSERVAÇÃO:**

Para melhor proteção contra água e poeira, certifique-se de que a antena está bem encaixada.

**OBSERVAÇÃO:**

Para remover a antena, gire-a no sentido anti-horário.

**ATENÇÃO:**

Para evitar danos, substitua a antena com defeito apenas por antenas MOTOTRBO.

## 2.4

**Conectar o Estojo**

- 1 Alinhe os trilhos do estojo com as ranhuras da bateria.
- 2 Pressione para baixo até ouvir um clique.

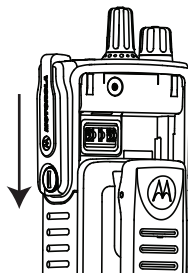
## 2.5

**Colocar a Tapa do Conector Universal**

O conector universal fica localizado no mesmo lado da antena. Ele é usado para conectar acessórios MOTOTRBO ao rádio.

Recoloque a tapa do conector universal ou a tapa de poeira quando o conector universal não estiver em uso.

- 1 Insira a extremidade com inclinação nos slots acima do conector universal.
- 2 Pressione a tapa para baixo para ajustar a tapa de proteção corretamente no conector universal.



- 3 Fixe a tampa do conector ao rádio girando o parafuso em sentido horário.
- 

## 2.6

### Limpar a tampa do conector universal

Se o rádio estiver exposto à água, seque a conector universal antes de encaixar um acessório ou substituir a tampa de proteção. Se o rádio estiver exposto a água salgada ou contaminantes, faça o procedimento de limpeza a seguir.

- 1 Misture uma colher de sopa de detergente suave e um galão de água para produzir uma solução de 0,5%.
- 
- 2 Limpe somente as superfícies externas do rádio com a solução. Aplique a solução com moderação com uma escova dura, não metálica de cerdas curtas.
- 
- 3 Seque bem o rádio com um pano macio e sem fiapos. Certifique-se de que a superfície de contato do conector universal esteja limpa e seca.
- 

- 4 Aplique a caneta limpadora ou o lubrificante Deoxit Gold (fabricante CAIG Labs, número de peça G100P) na superfície de contato do conector universal.
- 

- 5 Encaixe um acessório ao conector universal para testar a conectividade.
- 



#### **OBSERVAÇÃO:**

O rádio não deve ser submerso em água. Certifique-se de que não fique preso excesso de detergente entre o conector universal, os controles ou as fendas.

Limpe o rádio uma vez por mês para manutenção. Para um ambiente adverso, como em usinas petroquímicas ou em um ambiente com alta densidade de sal marinho, limpe o rádio com mais frequência.

## 2.7

### Remover a Tampa do Conector Universal (Tampa de Proteção)

- 1 Empurre a trava para baixo.
-

- 2 Eleve a tampa para cima e deslize para baixo do conector universal para removê-la.

Recoloque a tampa de poeira quando o conector universal não estiver em uso.

## 2.8

### Ligar o rádio

Gire o botão de **Controle de volume/Ligado/Desligado** no sentido horário até ouvir um clique.

Se bem-sucedido, o rádio exibirá as seguintes indicações:

- Um tom é emitido.



#### OBSERVAÇÃO:

Se a função Tons/Alertas estiver desativada, não haverá tom durante a inicialização.

- O LED verde acende.
- O monitor exibirá MOTOTRBO (TM), seguido de uma mensagem ou imagem de boas-vindas.
- A tela Inicial acende.



#### OBSERVAÇÃO:

Durante a energização inicial, após uma atualização da versão do software para **R02.07.00.0000** ou posterior, ocorre uma atualização de firmware do GNSS por 20 segundos. Após a atualização, o rádio é redefinido e ligado. Essa atualização de firmware é aplicável apenas a modelos portáteis com a última versão de software e hardware.

Se o rádio não ligar, verifique a bateria. Certifique-se de que a bateria esteja carregada e conectada corretamente. Entre em contato com o seu revendedor se o rádio ainda não ligar.

## 2.9

### Desligar o rádio

Gire o botão de **Controle de volume/Ligado/Desligado** no sentido anti-horário até ouvir um clique.

O visor mostra Desligando.



2.10

## Ajustar o volume

Para ajustar o nível do rádio, realize uma das seguintes ações:

- Para aumentar o volume, gire o botão **Controle de volume/Liga/Desliga** no sentido horário.
- Para diminuir o volume, gire o botão de **Controle de volume/Liga/Desliga** no sentido anti-horário.



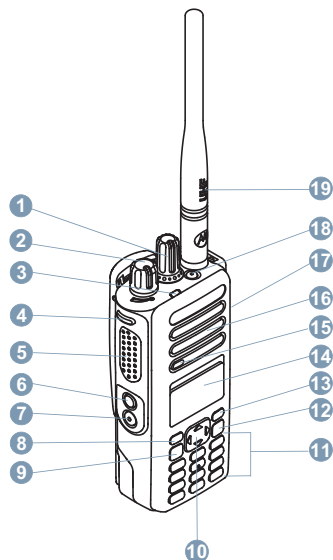
**OBSERVAÇÃO:**

Seu rádio pode ser programado para ter diferença de volume mínima quando o nível de volume não puder ser diminuído além do volume mínimo programado.

---

## Controles do Rádio

Este capítulo explica os botões e as funções para operar o rádio.



**1** Botão Seletor de Canais

**2** Botão de Controle de Volume/Ligado/Desligado

**3** Indicador de LED

**4** Botão lateral 1<sup>1</sup>

**5** Botão PTT (Push-To-Talk)

**6** Botão Lateral 2<sup>1</sup>

**7** Botão Lateral 3<sup>1</sup>

**8** Botão Frontal P1<sup>1</sup>

**9** Botão Menu/OK

**10** Botão de Navegação de 4 Direções

**11** Teclado

**12** Botão Voltar/Início

**13** Botão Frontal P2<sup>1</sup>

**14** Visor

**15** Microfone

**16** Alto-falante

**17** Conector Universal para Acessórios

**18** Botão de Emergência<sup>1</sup>

<sup>1</sup> Esses botões são programáveis.

## 19 Antena

## 3.1

## Como Usar o Botão Navegação de 4 Direções

Você pode usar o botão de navegação de 4 direções,



, para percorrer pelas opções, aumentar/diminuir valores e navegar verticalmente.

| Category        | Direction          |                            |
|-----------------|--------------------|----------------------------|
|                 | ▲ ou ▼             | ◀ ou ▶                     |
| Menu            | Navegação Vertical | -                          |
| Listas          | Navegação Vertical | -                          |
| Exibir Detalhes | Navegação Vertical | Item Anterior/<br>Seguinte |

Você pode usar o botão de navegação de 4 direções,



, como um número, alias ou editor de texto de formato livre.

| Categoria do Editor    | Direction                             |                                                        |
|------------------------|---------------------------------------|--------------------------------------------------------|
|                        | ▲ ou ▼                                | ◀ ou ▶                                                 |
| Revisão                | -                                     | Esquerda:<br>Excluir último dígito<br>Direita: -       |
| Alias                  | -                                     | -                                                      |
| Texto de Formato Livre | Mover o cursor para cima e para baixo | Mover o cursor um caractere para a direita ou esquerda |
| Valores Numéricos      | Aumentar/<br>Diminuir                 | Mover o cursor um caractere para a direita ou esquerda |

## 3.2

## Usar o Teclado

Você pode usar o teclado alfanumérico 3 x 4 para acessar os recursos do rádio. Muitos caracteres exigem que você pressione uma tecla várias vezes. A tabela a seguir exibe quantas vezes é necessário pressionar uma tecla para gerar o caractere necessário.

| Cha<br>ve    | Número de Vezes que a Tecla é Pressionada |   |   |   |   |   |   |   |   |    |    |    |    |
|--------------|-------------------------------------------|---|---|---|---|---|---|---|---|----|----|----|----|
|              | 1                                         | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| <b>1</b> ,.? | 1                                         | . | , | ? | ! | @ | & | ' | % | —  | :  | *  | #  |
| <b>2</b> ABC | A                                         | B | C | 2 |   |   |   |   |   |    |    |    |    |
| <b>2</b> ABC |                                           |   |   |   |   |   |   |   |   |    |    |    |    |
| <b>3</b> DEF | D                                         | E | F | 3 |   |   |   |   |   |    |    |    |    |
| <b>3</b> DEF |                                           |   |   |   |   |   |   |   |   |    |    |    |    |

| Chave                               | Número de Vezes que a Tecla é Pressionada |   |   |   |   |   |   |   |   |    |    |    |    |
|-------------------------------------|-------------------------------------------|---|---|---|---|---|---|---|---|----|----|----|----|
|                                     | 1                                         | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| <div>4 GHI</div> <div>4 GHI</div>   | G                                         | H | I | 4 |   |   |   |   |   |    |    |    |    |
| <div>5 JKL</div> <div>5 JKL</div>   | J                                         | K | E | 5 |   |   |   |   |   |    |    |    |    |
| <div>6 MNO</div> <div>6 MNO</div>   | M                                         | N | O | 6 |   |   |   |   |   |    |    |    |    |
| <div>7 PQRS</div> <div>7 PQRS</div> | P                                         | P | R | S | 7 |   |   |   |   |    |    |    |    |

| Chave                                                                                                                                                                  | Número de Vezes que a Tecla é Pressionada |                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |    |    |    |    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|----|----|----|----|
|                                                                                                                                                                        | 1                                         | 2                                                                                                                                                                                                                                           | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| <br> | T                                         | U                                                                                                                                                                                                                                           | V | 8 |   |   |   |   |   |    |    |    |    |
| <br> | W                                         | X                                                                                                                                                                                                                                           | Y | Z | 9 |   |   |   |   |    |    |    |    |
| <br> | 0                                         |  <b>OBSERVAÇÃO:</b><br>Pressione para inserir "0" e mantenha pressionado para ativar maiúsculas. Mantenha pressionado novamente para desativar maiúsculas. |   |   |   |   |   |   |   |    |    |    |    |
|                                                                                       | * ou del                                  |  <b>OBSERVAÇÃO:</b><br>Pressione durante a entrada do texto para excluir o caractere. Pressione durante a entrada numérica para inserir um "**".           |   |   |   |   |   |   |   |    |    |    |    |

| Cha<br>ve                                                                                             | Número de Vezes que a Tecla é Pressionada                                                                                                                                                                                                                                                      |   |   |   |   |   |   |   |   |    |    |    |    |
|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|----|----|----|----|
|                                                                                                       | 1                                                                                                                                                                                                                                                                                              | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
|  # ou<br>espaço<br>o |  <b>OBSERVAÇÃO:</b><br>Pressione durante a entrada do texto para inserir um espaço. Pressione durante a entrada numérica para inserir um "#". Mantenha pressionado para alterar o método de entrada de texto. |   |   |   |   |   |   |   |   |    |    |    |    |

# WAVE

O WAVE™ (Wide Area Voice Environment, ambiente de voz de ampla área) oferece um novo método para fazer ligações entre dois ou mais rádios.

O WAVE permite que você se comunique em diferentes redes e dispositivos usando Wi-Fi. As ligações WAVE são feitas quando o rádio está conectado a uma rede IP por meio do Wi-Fi.

Seu rádio é compatível com diferentes configurações do sistema:

- WAVE OnCloud/OnPremise
- WAVE Tactical/5000

O método para iniciar uma Chamada do WAVE é diferente para cada tipo de sistema. Consulte a seção adequada dependendo da configuração do sistema do seu rádio.

## Tabela 2 :Ícones do WAVE no Monitor

Os seguintes ícones são mostrados momentaneamente no monitor quando WAVE está ativado.

|                                                                                   |                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------|
|  | <b>WAVE Conectado</b><br>WAVE está conectado.       |
|  | <b>WAVE Desconectado</b><br>WAVE está desconectado. |



### OBSERVAÇÃO:

Esta função é aplicável apenas a modelos específicos.

## 4.1

## WAVE OnCloud/OnPremise

### 4.1.1

## Alternar do Modo de Rádio para Modo WAVE

- 1 Execute uma das seguintes opções:
  - Pressione o botão programado **WAVE**. Pule as etapas a seguir.
  - Pressione  para acessar o menu.



2

Pressione ▲ ou ▼ para WAVE. Pressione  para selecionar.

---

O LED amarelo piscará duas vezes.

O visor mostra um aviso momentâneo de Alternando para WAVE e, em seguida, mostra Preparando WAVE.



**OBSERVAÇÃO:**

O rádio ativa automaticamente o Wi-Fi depois de alternar para o modo WAVE.

Se bem-sucedida:

- O LED amarelo intermitente apaga.
- O visor mostra o ícone WAVE conectado, o <Alias do Grupo de Conversação> e o <Índice de Canal>.

Se malsucedida:

- Um tom negativo é emitido.
- O LED vermelho piscará.
- O visor mostra o ícone WAVE desconectado e Sem Conexão ou Ativação: Falha, dependendo do tipo de erro.



**OBSERVAÇÃO:**

A sincronização ocorre quando novas configurações são atualizadas no seu rádio. Quando você entra no modo WAVE, o rádio mostra Sincronizando.... Quando a sincronização for concluída, o rádio retornará para a tela inicial.

#### 4.1.2

### Fazer Chamadas WAVE em Grupo

- 1 Use o botão seletor de canais ou os botões para selecionar um grupo de conversação WAVE.
  - 2 Para fazer uma chamada , pressione o botão **PTT**.
- 

Se a chamada for bem-sucedida, o visor mostra o ícone Chamada em Grupo e o alias do grupo de conversação WAVE.

Se a chamada for malsucedida:

- Um tom indicador negativo é emitido.
- O visor mostra um aviso momentâneo de Falha na Chamada ou Nenhum Participante.

## 4.1.3

## Receber e Responder a Chamadas WAVE em Grupo

Quando você recebe uma chamada WAVE em grupo:

- Um tom é emitido.
- O visor mostra o ícone de chamada em grupo, o alias do grupo de conversação WAVE e o alias do chamador.
- O rádio sai do estado mudo e recebe o som da chamada no alto-falante.

**1** Para fazer uma chamada , pressione o botão **PTT**.

---

**2** Para escutar, solte o botão **PTT**.

---

## 4.1.4

## Receber e Responder as Chamadas Privadas WAVE

Quando você recebe uma chamada privada WAVE:

- Um tom é emitido.
- O visor mostra o ícone de chamada privada e o alias do chamador.

- O rádio sai do estado mudo e recebe o som da chamada no alto-falante.

**1** Para fazer uma chamada , pressione o botão **PTT**.

---

**2** Para escutar, solte o botão **PTT**.

---

## 4.1.5

## Alternar do Modo WAVE para o Modo de Rádio

**1** Execute uma das seguintes opções:

- Pressione o botão programado **Modo de Rádio**. Pule as etapas a seguir.

- Pressione  para acessar o menu.
- 

**2** Pressione ▲ ou ▼ para Modo de Rádio.

Pressione  para selecionar.

---

O LED amarelo piscará duas vezes.

O visor mostra um aviso momentâneo de Alternar para Rádio e, em seguida, mostra Preparando Rádio.

Quando bem-sucedido:

- O LED amarelo intermitente apaga.
- O ícone WAVE Conectado desaparece da barra de status. O visor mostra <Alias do Grupo de Conversação> e <Índice de Canal>.

## 4.2

# WAVE Tactical/5000

### 4.2.1

## Configurar Canais WAVE Ativos



### OBSERVAÇÃO:

Os canais WAVE são configurados pelo CPS. O rádio ativa automaticamente o Wi-Fi e faz o login no servidor do WAVE após você inserir o canal do WAVE.

1

Pressione  para acessar o menu.

---

2 Pressione ▲ ou ▼ para Canais WAVE. Pressione



para selecionar.

---

3 Pressione ▲ ou ▼ para o canal WAVE

necessário. Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Def. Como Ativo.

Pressione  para selecionar.

---

O monitor exibirá ✓ ao lado do canal selecionado.

### 4.2.2

## Visualizar Informações do Canal WAVE

1 Execute uma das seguintes opções:

- Pressione o botão programado **Lista de Canais WAVE**. Pule as etapas a seguir.
  - Pressione  para acessar o menu.
-

2 Pressione ▲ ou ▼ para Canais WAVE. Pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para o canal WAVE necessário. Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Exibir Detalhes. Pressione  para selecionar.

---

O monitor exibe os detalhes do canal WAVE.

#### 4.2.3

### Visualizar Informações de Pontos Terminais WAVE

- 1 Execute uma das seguintes opções:
    - Pressione o botão programado **Contato**. Vá para [etapa 3](#).
    - Pressione  para acessar o menu.
- 

2 Pressione ▲ ou ▼ para Pts Termin. Pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para o Ponto Terminal WAVE necessário. Pressione  para selecionar.

---

4 Pressione  para selecionar Exibir Detalhes.

---

O monitor mostra os detalhes do Ponto Terminal WAVE.

#### 4.2.4

### Alterar Configuração do WAVE

Siga o procedimento para configurar o endereço IP, ID do utilizador e senha do servidor WAVE.

- 1 Pressione  para acessar o menu.
- 
- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.
-

3 Pressione ▲ ou ▼ para Configurações de Rádio. Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para WAVE. Pressione  para selecionar.

---

5 Pressione  para selecionar Endereço Servid.  
Pressione  para alterar o endereço do servidor.  
Pressione  para selecionar.

---

6 Pressione ▼ para ID do Utilizador. Pressione  para alterar o ID do utilizador. Pressione  para selecionar.

---

7 Pressione ▼ para Senha. Pressione  para  
exibir ou alterar a senha do WAVE. Pressione  para selecionar.

---

8 Pressione ▼ para Aplicar. Pressione  para aplicar todas as mudanças feitas.

---

O visor exibirá uma mininota positiva momentaneamente antes de retornar para a tela Configurações do Rádio.

#### 4.2.5

### Fazer Chamadas WAVE em Grupo

- 1 Selecione o canal WAVE com o alias ou ID do grupo necessário.

---

- 2 Pressione o botão **PTT** para fazer a chamada.  
O LED verde acende. A primeira linha de texto exibe o ícone **Group Call** e o alias. A segunda linha de texto exibe o alias do grupo WAVE.

---

- 3 Execute uma das seguintes opções:
  - Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.

- Espere pelo término da Campanha lateral de **PTT** e fale claramente ao microfone, se habilitado
- 

**4** Solte o botão **PTT** para escutar.

O LED verde acenderá quando o rádio de destino responder. O monitor exibirá o ícone **Group Call**, o alias ou ID e o alias ou ID do rádio transmissor.

---

**5** Se a função Indicação de Canal Livre estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você responder. Pressione o botão **PTT** para responder à chamada.

A chamada será encerrada quando não houver atividade de voz por um período predeterminado. O rádio retornará para a tela anterior ao início da chamada.

---

## Capacity Max

---

O Capacity Max é um sistema de rádio com entroncamento baseado no canal de controle MOTOTRBO.

Os produtos de rádio digital MOTOTRBO são comercializados pela Motorola Solutions principalmente para usuários empresariais e industriais. O MOTOTRBO utiliza o padrão DMR (Digital Mobile Radio, rádio móvel digital) do ETSI (European Telecommunications Standards Institute, instituto europeu de padrões de telecomunicações), ou seja, um TDMA (Time Division Multiple Access, acesso múltiplo por divisão de tempo) de dois slots para juntar dados ou voz simultâneos em um canal de 12,5 kHz (equivalente a 6,25 kHz).

### 5.1

## Botão Push-To-Talk

---

O botão **PTT** (Push-to-Talk, pressione para falar) atende a dois propósitos básicos:

- Enquanto uma chamada está em andamento, o botão **PTT** permite que o rádio transmita a outros rádios na chamada. O microfone é ativado quando o botão **PTT** é pressionado.

- Quando não há uma chamada em andamento, o botão **PTT** é usado para realizar uma nova chamada .

Mantenha pressionado o botão **PTT** para falar. Solte o botão **PTT** para ouvir.

Se o Tom de Permissão para Falar estiver habilitado, aguarde até o tom curto de alerta terminar antes de falar.

### 5.2

## Botões Programáveis

---

Dependendo da duração do pressionamento de um botão, o revendedor pode programar os botões programáveis como atalhos para funções do rádio.

### Pressionamento curto

Pressionar e soltar rapidamente.

### Pressionamento Longo

Mantenha pressionado pelo tempo programado.



### OBSERVAÇÃO:

Consulte [Operação de emergência na página 536](#) para obter mais informações sobre a duração programada do botão **Emergência**.

## 5.2.1

## Funções de Rádio Atribuíveis

As seguintes funções do rádio podem ser atribuídas a botões programáveis pelo revendedor ou administrador do sistema.

### Perfis de áudio

Permite que o usuário selecione o perfil de áudio de sua preferência.

### Roteamento de Áudio

Alterna o roteamento de áudio entre alto-falantes internos e externos.

### Alternância de Áudio

Alterna o roteamento de áudio entre os alto-falantes internos e de acessório com fio.

### Switch de Áudio de® Bluetooth

Alterna a rota de áudio entre o alto-falante interno do rádio e o acessório habilitado para Bluetooth.

### Conexão de Bluetooth

Inicia uma operação de encontrar e conectar Bluetooth.

### Desconexão de Bluetooth

Encerra todas as conexões Bluetooth existentes entre o seu rádio e dispositivos habilitados para Bluetooth.

### Deteção de Bluetooth

Permite que o rádio entre no Modo de Descoberta de Bluetooth.

### Contatos

Fornece acesso direto à lista de contatos.

### Alerta de Chamada

Oferece acesso direto à lista de contatos de rádio para selecionar um contato para quem um Alerta de Chamada pode ser enviado.

### Registro de Chamadas

Seleciona a lista de registro de chamadas.

### Emergência

Dependendo da programação, inicia ou cancela uma emergência.

### Localização Interna

Ativa ou desativa a Localização Interna.

### Áudio Inteligente

Ativa ou desativa o áudio inteligente.

### Discagem Manual

Inicia uma Chamada Privada ao inserir qualquer ID do rádio.

### Roam Manual de Site

Inicia a pesquisa manual de site.



### **AGC do Mic**

Ativa ou desativa o AGC (controle de ganho automático) do microfone interno.

### **Notificações**

Fornece acesso direto à Lista de Notificações.

### **Acesso com Um Toque**

Inicia diretamente uma Chamada de Transmissão, Privada, Telefônica ou em Grupo predefinida, um Alerta de Chamada predefinido ou uma Mensagem de Texto Rápida predefinida.

### **Recurso de Placa Opcional**

Ativa ou desativa os recursos da placa opcional para os canais habilitados para a placa opcional.

### **Telefone**

Fornece acesso direito à lista de Contatos Telefônicos.

### **Privacidade**

Ativa ou desativa a privacidade.

### **Nome e ID do Rádio**

Fornece o nome e ID do rádio.

### **Monitor Remoto**

Liga o microfone de um rádio de destino sem dar qualquer indicador.

### **Redefinir Canal Inicial**

Define um novo canal inicial.

### **Lembrete de Canal Inicial Silencioso**

Silencia o Lembrete do Canal Inicial.

### **Info do site**

Exibe o nome e o ID do site do Capacity Max.

Reproduz mensagens de voz do anúncio do site para o site atual quando o Anúncio de Voz estiver habilitado.

### **Bloqueio do Site**

Quando ativado, o rádio pesquisa apenas o site atual. Quando desativado, o rádio pesquisa outros sites além do site atual.

### **Status**

Seleciona o menu da lista de status.

### **Controle de Telemetria**

Controla o Pino de Saída em um rádio remoto ou local.

### **Mensagem de texto**

Seleciona o menu de mensagem de texto.

### **Alternar Nível de Prioridade de Chamada**

Permite que seu rádio entre nos níveis Alto e Normal de Prioridade de Chamada.

### **Aprimoramento da Tremulação**

Ativa ou desativa a Melhoria Sonora.

**Ligar/Desligar Anúncio de Voz**

Ativa ou desativa o anúncio de voz.

**Wi-Fi**

Alterna o Wi-Fi entre ativo e desativado.

**Seleção de Zona**

Permite a seleção em uma lista de zonas.

**5.2.2****Configurações Atribuíveis ou Funções Utilitárias**

As seguintes configurações do rádio podem ser atribuídas a botões programáveis.

**Tons/Alertas**

Ativa ou desativa todos os tons e alertas.

**Luz de Fundo**

Acende ou apaga a luz de fundo do visor.

**Brilho da Luz de Fundo**

Ajusta o nível de brilho.

**Modo de monitor**

Ativa ou desativa o modo de monitor dia/noite.

**Bloqueio do teclado**

Alterna o teclado entre bloqueado e desbloqueado.

**Nível de Potência**

Alterna entre os níveis alto e baixo de potência de transmissão.

**5.2.3****Acessar as Funções Programadas**

Siga o procedimento para acessar as funções programadas no rádio.

- 1 Execute uma das seguintes opções:
  - Pressione o botão programado. Vá para [etapa 3](#).
  - Pressione  para acessar o menu.

---

- 2 Pressione  ou  para a função de menu e pressione  para selecionar uma função ou inserir um submenu.

---

- 3 Execute uma das seguintes opções:
  - Pressione  para retornar à tela anterior.

- Mantenha  pressionado para retornar à tela inicial.

O rádio sai automaticamente do menu depois de um período de inatividade e retorna à tela Inicial.

### 5.3

## Indicadores de Status

Este capítulo explica os indicadores de status e tons de áudio usados no rádio.

### 5.3.1

#### Ícones

O LCD (Liquid Crystal Display, visor de cristal líquido) de 132 x 90 pixels, 256 cores, do rádio mostra o status do rádio, as entradas de texto e as entradas do menu. Os ícones a seguir são exibidos no visor do rádio.

**Tabela 3 :Ícones do Visor**

Os ícones a seguir aparecem na barra de status, na parte superior do visor do rádio. Os ícones são dispostos mais à

esquerda em ordem de exibição ou de uso e são específicos do canal.

|                                                                                   |                                                                                                                                             |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Bateria</b><br>O número de barras (0 – 4) mostradas indica a carga restante da bateria. O ícone pisca quando a bateria está fraca.       |
|  | <b>Bluetooth conectado</b><br>A função Bluetooth está habilitada. O ícone fica aceso quando um dispositivo Bluetooth remoto está conectado. |
|  | <b>Bluetooth Não Conectado</b><br>A função Bluetooth está habilitada, mas não existe nenhum dispositivo Bluetooth remoto conectado.         |
|  | <b>DGNA</b><br>O rádio está no Grupo de Conversação DGNA.                                                                                   |
|  | <b>Emergência</b><br>O rádio está no modo de Emergência.                                                                                    |

|                                                                                   |                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>GNSS Disponível</b><br>O recurso GNSS está ativado. O ícone permanece aceso quando um ponto de posição está disponível.                                                                      |
|  | <b>GNSS Não Disponível</b><br>O recurso GNSS está ativado, mas não está recebendo dados do satélite.                                                                                            |
|  | <b>Dados de Alto Volume</b><br>O rádio está recebendo dados de alto volume e o canal está ocupado.                                                                                              |
|  | <b>Localização Interna Disponível <sup>2</sup></b><br>A posição interna está ativada e disponível.                                                                                              |
|  | <b>Localização Interna Indisponível<sup>2</sup></b><br>A posição interna está ativada, mas indisponível porque o Bluetooth está desativado ou a Leitura do Beacon está suspensa pelo Bluetooth. |

|                                                                                   |                                                                                                                                    |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Modo Silencioso</b><br>O Modo Silencioso está ativado e o alto-falante está mudo.                                               |
|  | <b>Notificação</b><br>A Lista de Notificações tem um ou mais eventos perdidos.                                                     |
|  | <b>Placa Opcional</b><br>A Placa opcional está habilitada. (Placa opcional habilitada em apenas alguns modelos)                    |
|  | <b>A Placa Opcional Não Funciona</b><br>A Placa Opcional está desabilitada.                                                        |
|  | <b>Temporizador de Atraso de Programação Over-the-Air</b><br>Indica o tempo restante antes da reinicialização automática do rádio. |
|  | <b>Nível de Potência</b><br>O rádio está definido como Potência Baixa ou como Potência Alta.                                       |

<sup>2</sup> É aplicável apenas a modelos com a última versão de software e hardware.

|                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>Prioridade 1</b><br/>Indica o Grupo de Conversação de Prioridade 1.</p>                                                                                                                                                          |  <p><b>Comunicação</b><br/>A função Privacidade está habilitada.</p>            |
|  <p><b>Prioridade 2</b><br/>Indica o Grupo de Conversação de Prioridade 2.</p>                                                                                                                                                          |  <p><b>Toque Silencioso</b><br/>O modo de toque silencioso está habilitado.</p> |
|  <p><b>Indicador de Intensidade do Sinal Recebido (RSSI)</b><br/>O número de barras exibido representa a intensidade do sinal de rádio. Quatro barras indicam o sinal mais intenso. Esse ícone é exibido apenas durante a recepção.</p> |  <p><b>Roaming de Site</b><br/>A função Roaming site está habilitada.</p>       |
|  <p><b>Inibição de Resposta</b><br/>A Inibição de Resposta está ativada.</p>                                                                                                                                                            |  <p><b>Status</b><br/>Indica uma nova mensagem de status.</p>                   |
|  <p><b>Apenas Tocar</b><br/>O modo de toque está habilitado.</p>                                                                                                                                                                        |  <p><b>Desativar Tons</b><br/>Os tons são desligados.</p>                       |
|  <p><b>Frequência Compartilhada</b><br/>Indica que o rádio está bloqueando o canal de controle compartilhado.</p>                                                                                                                       |  <p><b>Desprotegido</b><br/>A função Privacidade está desabilitada.</p>         |
|                                                                                                                                                                                                                                                                                                                          |  <p><b>Vibrar</b><br/>O modo Vibrar está habilitado.</p>                        |
|                                                                                                                                                                                                                                                                                                                          |  <p><b>Vibrar e Tocar</b><br/>O modo Vibrar e Tocar está ativado.</p>           |

|                                                                                   |                                                                              |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------|
|  | <b>Wi-Fi Excelente<sup>3</sup></b><br>O sinal de Wi-Fi é excelente.          |
|  | <b>Wi-Fi Bom<sup>3</sup></b><br>O sinal de Wi-Fi é bom.                      |
|  | <b>Wi-Fi Médio<sup>3</sup></b><br>O sinal do Wi-Fi é médio                   |
|  | <b>Wi-Fi Ruim<sup>3</sup></b><br>O sinal do Wi-Fi é baixo.                   |
|  | <b>Wi-Fi Indisponível<sup>3</sup></b><br>O sinal do Wi-Fi está indisponível. |

**Tabela 4 :Ícones do Menu Avançar**

Os seguintes ícones são mostrados ao lado dos itens de menu que oferecem uma escolha entre as duas opções ou uma indicação de que há um submenu que oferece as duas opções.

<sup>3</sup> Aplicável apenas para DGP 5550e/DGP 8550e

|                                                                                   |                                                                                             |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
|  | <b>Caixa de Seleção (Marcada)</b><br>Indica que a opção foi selecionada.                    |
|  | <b>Caixa de Seleção (Vazia)</b><br>Indica que a opção não foi selecionada.                  |
|  | <b>Caixa Preta Sólida</b><br>Indica a opção selecionada para o item de menu com um submenu. |

**Tabela 5 :Ícones de Dispositivos Bluetooth**

Os ícones a seguir aparecem próximos aos itens na lista de dispositivos Bluetooth disponíveis para indicar o tipo de dispositivo.

|                                                                                   |                                                                                                                  |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
|  | <b>Dispositivo de Áudio Bluetooth</b><br>Dispositivo de áudio habilitado para Bluetooth, como um fone de ouvido. |
|  | <b>Dispositivos de Dados Bluetooth</b><br>Dispositivo de dados habilitado para Bluetooth, como um scanner.       |

|                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>Dispositivo PTT Bluetooth</b><br/>Dispositivo PTT habilitado para Bluetooth, como um PTT-Only Device (POD - dispositivo somente PTT).</p>                                             |  <p><b>Alta Prioridade de Chamada</b><br/>Indica que o Nível Alto de Prioridade de Chamada está ativado.</p>                                                                                                      |
|  <p><b>Dispositivo com sensor Bluetooth<sup>3</sup></b><br/>Dispositivo com sensor ativado por Bluetooth, como o sensor de gás.</p>                                                          |  <p><b>Chamada de DGNA</b><br/>Indica que uma Chamada de DGNA está em andamento.</p>                                                                                                                              |
|                                                                                                                                                                                                                                                                               |  <p><b>Chamada de Despacho</b><br/>O tipo de contato Chamada de Despacho é usado para enviar uma mensagem de texto para um computador despachante por meio de um servidor de mensagens de texto de terceiros.</p> |
|  <p><b>Chamada de PC via Bluetooth</b><br/>Indica uma chamada de PC via Bluetooth em andamento.<br/><br/>Na lista Contatos, indica o nome ou ID (número) da chamada de PC via Bluetooth.</p> |  <p><b>Chamada em Grupo/Chamada para Todos</b><br/>Indica que uma Chamada Grupo ou uma Chamada para Todos está em andamento.<br/><br/>Na lista Contatos, indica o nome do grupo ou ID (número).</p>               |

**Tabela 6 :Ícones de Chamada**

Os seguintes ícones são mostrados no visor do rádio durante uma chamada. Esses ícones também são mostrados na lista de Contatos para indicar os alias ou o tipo de ID.

**Chamada Individual Periférica Sem IP**

Indica que uma chamada individual Periférica Sem IP está em andamento.

Na lista de Contatos, indica o alias do rádio (nome) ou ID (número).

**Chamada de Grupo Periférica Sem IP**

Indica que uma chamada de grupo Periférica Sem IP está em andamento.

Na lista Contatos, indica o nome do grupo ou ID (número).

**Chamada Individual da Placa Opcional**

Indica que uma chamada individual da Placa Opcional está em andamento.

Na lista de Contatos, indica o alias do rádio (nome) ou ID (número).

**Chamada de Grupo da Placa Opcional**

Indica que uma chamada de grupo da Placa Opcional está em andamento.

Na lista Contatos, indica o nome do grupo ou ID (número).

**Chamada Telefônica como Chamada em Grupo/Chamada para todos**

Indica uma Chamada Telefônica como Chamada Grupo ou Chamada para Todos em andamento. Na lista Contatos, indica o nome do grupo ou ID (número).

**Chamada Telefônica como Chamada Privada**

Indica uma Chamada Telefônica como Chamada Privada em andamento. Na lista Contatos, indica o alias (nome) ou ID (número) do telefone.

**Chamada Privada**

Indica que uma Chamada Privada está em andamento. Na lista de



Contatos, indica o alias do rádio (nome) ou ID (número).

### Tabela 7 :Ícones de Tiquetes de Tarefa

Os seguintes ícones aparecem momentaneamente no visor e na pasta Tiquetes de Tarefa.



#### **Todas as Tarefas**

Indica todas as tarefas listadas.



#### **Novas Tarefas**

Indica novas tarefas.



#### **Em andamento**

As tarefas estão sendo transmitidas. Isso é exibido antes das indicações de Falha ao Enviar Tiquetes de Tarefa ou Tiquetes de Tarefa Enviados.



#### **Falha no envio**

Não foi possível enviar as tarefas.



#### **Enviado com Sucesso**

As tarefas foram enviadas.



#### **Prioridade 1**

Indica prioridade de nível 1 para as tarefas.



#### **Prioridade 2**

Indica prioridade de nível 2 para as tarefas.



#### **Prioridade 3**

Indica prioridade de nível 3 para as tarefas.

### Tabela 8 :Ícones de Miniavisos

Os seguintes ícones são mostrados momentaneamente no visor do rádio depois que uma ação de realizar tarefa é executada.



#### **Falha na Transmissão (Negativo)**

Falha na ação tomada.



#### **Transmissão Bem-sucedida (Positivo)**

A ação tomada foi bem-sucedida.



### Transmissão em Progresso (Passageiro)

Transmitindo. É exibido antes da indicação de Transmissão Bem-Sucedida ou Falha na Transmissão.



### Mensagem Individual ou de Grupo Não Lida

A mensagem de texto não foi lida.



### Falha no envio

A mensagem de texto não pôde ser enviada.



### Enviado com Sucesso

A mensagem de texto foi enviada com êxito.

**Tabela 9 :Ícones de Itens Enviados**

Os ícones a seguir aparecem no canto superior direito do visor do rádio, na pasta Itens Enviados.



### Em andamento

A mensagem de texto para um ID ou alias do rádio está aguardando transmissão, seguida por uma espera de confirmação. A mensagem de texto para um alias ou ID de grupo está aguardando transmissão.



### Mensagem Individual ou de Grupo Lida

A mensagem de texto foi lida.

## 5.3.2

## Indicador de LED

O indicador de LED mostra o status da operação do rádio.

### Vermelho Piscando

Falha no autoteste durante a ativação do rádio.

O rádio está recebendo uma transmissão de emergência.

O rádio está transmitindo em condição de bateria fraca.

O rádio ficou fora do alcance operacional se o Sistema de Transponder de Cobertura Automático está configurado.

O Modo Silencioso está ativado.

### **Verde Sólido**

O rádio está ligando.

O rádio está transmitindo.

Rádio está enviando um Alerta de Chamada ou uma transmissão de emergência.

### **Verde Piscando**

O rádio está recebendo uma chamada ou dados.

O rádio está recuperando transmissões de Programação Over-the-Air.

O rádio está detectando atividade over-the-air.



#### **OBSERVAÇÃO:**

Essa atividade pode ou não afetar o canal programado do rádio devido à natureza do protocolo digital.

### **Verde Piscante Duplo**

O rádio está recebendo uma chamada ou dados com privacidade.

### **Amarelo Sólido**

O rádio está no Modo de Exibição de Bluetooth.

### **Amarelo Piscante**

O rádio ainda tem que responder a um Alerta de Chamada.

### **Amarelo Piscante Duplo**

O roaming automático do rádio está ativado.

O rádio está procurando ativamente por um novo site.

O rádio deve responder a um Alerta de Chamada em Grupo.

O rádio está bloqueado.

### **5.3.3**

## **Tons**

A seguir estão os tons que são emitidos pelo alto-falante do rádio.



Tom Alto

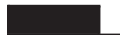


Tom Baixo

## 5.3.3.1

## Tons de Áudio

Os tons de áudio fornecem indicações audíveis do status do rádio ou da resposta aos dados recebidos no rádio.



### Tom Contínuo

Um som em único tom. Soa continuamente até terminar.



### Tom Periódico

Soa periodicamente, dependendo da duração configurada pelo rádio. O tom inicia, para e se repete.



### Tom Repetitivo

Um único tom que se repete até ser encerrado pelo usuário.



### Tom Momentâneo

Soa uma vez por um curto tempo definido pelo rádio.

## 5.3.3.2

## Tons Indicadores

Os tons indicadores fornecem indicações sonoras do status depois que uma ação para realizar uma tarefa é efetuada.



Tom Indicador Positivo



Tom Indicador Negativo

## 5.4

## Registro

Há um número de mensagens relacionadas ao registro que você pode receber.

### Registro

Normalmente, o registro é enviado ao sistema durante a inicialização, mudança do Grupo de Conversação ou durante o roaming de site. Se o registro de um rádio falhar em um site, ele tentará migrar para outro automaticamente. O rádio remove temporariamente da lista de roaming o site em que o registro foi feito.

A indicação significa que o rádio está procurando um site para fazer o roaming ou que ele encontrou um site, mas está aguardando uma resposta para as mensagens de registro do rádio.

Quando **A Registrar** é exibido no rádio, um tom é emitido e a luz LED pisca em amarelo duas vezes para indicar uma pesquisa de site.

Se as indicações persistirem, o usuário deve mudar as localidades ou, se permitido, fazer o roaming manual para outro site.

### Out of Range

Um rádio é considerado fora de alcance quando ele é incapaz de detectar um sinal do sistema ou do site atual. Normalmente, essa indicação significa que o rádio está fora do alcance geográfico da RF (Radio Frequency, radiofrequência).

Quando **Fora do Alcance** é exibido no rádio, um tom repetitivo é emitido e o LED pisca em vermelho.

Entre em contato com seu revendedor ou administrador do sistema se o rádio ainda receber indicações de fora do alcance enquanto estiver em uma área com boa cobertura RF.

### Falha na Afiliação do Grupo de Conversação

Um rádio tenta se afiliar a um Grupo de Conversação especificado nos canais ou na UKP (Unified Knob Position, posição do botão unificada) durante o registro.

Um rádio com o status de falha na afiliação não consegue fazer ou receber chamadas do Grupo de Conversação com o qual o ele está tentando se afiliar.

Quando um rádio não consegue se afiliar a um Grupo de Conversação, **Alias de UKP** é exibido na tela inicial com um fundo destacado.

Entre em contato com o revendedor ou administrador do sistema se o rádio estiver com indicações de falha na afiliação.

### Registro Negado

Indicadores de registro negado são recebidos quando o registro no sistema for recusado.

O rádio não indica para o usuário o motivo específico por que o registro foi negado. Normalmente, um registro é negado quando o operador do sistema desativa o acesso do rádio ao sistema.

Quando um rádio tem o registro negado, Registro Recusado é exibido no rádio e a luz LED pisca em amarelo duas vezes para indicar uma pesquisa de site.

## 5.5

# Seleções de Canais e Zona

Esse capítulo explica as operações para selecionar uma zona ou um canal no rádio.

O rádio pode ser programado com no máximo 250 Zonas do Capacity Max com no máximo de 160 Canais por zona. Cada zona do Capacity Max contém um máximo de 16 posições atribuíveis. Cada zona do Capacity Max contém um máximo de 16 posições atribuíveis.

## 5.5.1

# Seleção de Zonas

Siga o procedimento para selecionar a zona desejada no rádio.

- 1 Execute uma das seguintes opções:
  - Pressione o botão **Seleção de Zona** programado. Vá para [etapa 3](#).

- Pressione  para acessar o menu.

## 2

Pressione ▲ ou ▼ para Zona. Pressione  para selecionar.

O monitor exibe ✓ e a zona atual.

## 3

Pressione ▲ ou ▼ para a zona desejada.

Pressione  para selecionar.

O visor exibe <Zona> Selecionada momentaneamente e retorna à tela da zona selecionada.

## 5.5.2

# Seleção de Zonas Usando a Pesquisa de Alias

Siga o procedimento para selecionar a zona desejada no rádio usando a pesquisa de alias.

1

Pressione  para acessar o menu.

---

2

Pressione ▲ ou ▼ para Zona. Pressione  para selecionar.

O monitor exibe  e a zona atual.

---

3

Digite o primeiro caractere do alias solicitado.  
O visor mostrará um cursor intermitente.

---

4 Insira o restante dos caracteres do alias desejado.

A pesquisa de alias não diferencia maiúsculas e minúsculas. Se houver duas ou mais entradas com o mesmo nome, o visor exibirá a primeira entrada da lista.

A primeira linha de texto exibirá os caracteres digitados. O texto seguinte exibirá os resultados da pesquisa.

---

5

Pressione  para selecionar.

O monitor exibe <Zona> Selecionada momentaneamente e retorna à tela da zona selecionada.

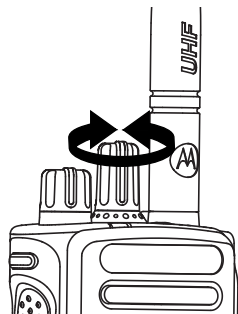
---

### 5.5.3

## Selecionar um Tipo de Chamada

Use o Botão Seletor de Canal para selecionar um tipo de chamada. Pode ser uma Chamada em Grupo, Chamada de Transmissão, All Call ou Chamada Privada, dependendo de como seu rádio está programado. Se você mude o botão Seletor de Canal para outra posição (que tenha um tipo de chamada atribuído a ela), isso faz com que o rádio se registre novamente no Sistema Capacity Max. O rádio se registra no ID de Grupo de Conversação programado para a nova posição do botão Seletor de Canal tipo de chamada.

Como seu rádio não opera quando é selecionado um canal desprogramado, utilize o Disco de Navegação de 4 Direções do para selecionar um canal programado.



Quando a zona necessária é exibida (se você tiver várias zonas no seu rádio), gire o botão Seletor de Canal programado para selecionar o tipo de chamada.

#### 5.5.4

### Selecionar um Site

Um site oferece cobertura a uma área específica. Em uma rede multissite, o rádio Capacity Max pesquisará automaticamente um novo site quando o nível de sinal do site atual cair para um nível inaceitável.

O sistema Capacity Max pode suportar até 250 sites.

#### 5.5.5

### Solicitação de Roaming

Uma Solicitação de Roaming informa ao rádio para pesquisar um site diferente, mesmo quando o sinal do site atual está aceitável.

Se não houver sites disponíveis:

- O monitor do rádio exibirá `Procurando` e continuará a pesquisa pela lista de sites.
- O rádio retornará ao site anterior, se o site anterior ainda estiver disponível.



#### OBSERVAÇÃO:

Isso é programado por seu representante.

Pressione o botão programado **Roaming de Site Manual**.

Será emitido um tom, indicando que o rádio alternou para um novo site. O visor mostra a ID do site `<Site Number>`.



### 5.5.6

## Ativar/Desativar Bloqueio de Site

Quando ativado, o rádio pesquisa apenas o site atual. Quando desativado, o rádio pesquisa outros sites além do site atual.

Pressione o botão programado **Bloq. do Site**.

Se a função **Bloqueio de Site** estiver ativada:

- Será emitido um tom indicador positivo, indicando que o rádio bloqueou o site atual.
- O monitor exibe `Site bloqueado`.

Se a função **Bloqueio de Site** estiver desativada:

- Será emitido um tom indicador negativo, indicando que o rádio está desbloqueado.
- O monitor exibe `Site desbloqueado`.

---

### 5.5.7

## Restrição de Site

Para o sistema Capacity Max, seu administrador de sistema do rádio pode decidir quais sites de rede seu rádio pode ou não utilizar.

O rádio não precisa ser programado para alterar sua lista de sites permitidos e não permitidos. Se o seu rádio tenta se registrar em um site não permitido, o rádio recebe indicação de que o site é proibido. Em seguida, o rádio pesquisa outro site de rede.

Se estiver com restrições de site, o rádio exibirá `Registro Recusado` e o LED piscará em amarelo duas vezes para indicar uma pesquisa de site.

### 5.5.8

## Entroncamento de site

O Entroncamento de site está disponível somente com Sistema Capacity Max. Um site deve permitir a comunicação com o Controlador de Entroncamento para ser considerado Entroncamento de Sistema.

Se o site não puder se comunicar com o Controlador de Entroncamento no sistema, o rádio entra no modo de Entroncamento de Site. Enquanto estiver em Entroncamento de Site, o rádio fornece uma indicação periódica audível e visual para o usuário, de modo a informar que está com a funcionalidade limitada.

Quando um rádio está no Entroncamento de Local, ele exibe `Entroncam. Local` e um tom repetitivo é emitido.

Os rádios no Entroncamento de Site ainda podem fazer chamadas de voz de grupos e individuais, além de enviar mensagens de texto para outros rádios dentro do mesmo site. Consoles de voz, gravadores de registros, gateways de telefone e aplicativos de dados não podem se comunicar com os rádios no site.

Uma vez no Entroncamento de Site, o rádio que estiver envolvido em chamadas em diversos sites conseguirá se comunicar apenas com outros rádios dentro do mesmo site. Comunicações vindas e destinadas para outros sites serão perdidas.



#### **OBSERVAÇÃO:**

Se houver vários sites que cobrem a localização atual do rádio e um dos sites entra em Entroncamento de Local, os rádios migrarão para outro site se este estiver na cobertura.

## 5.6

# Chamadas

Este capítulo explica as operações para receber, responder, criar e parar chamadas.

Você pode selecionar o nome ou ID do rádio ou do grupo depois de selecionar um canal usando um desses recursos:

### **Pesquisa de Alias**

Esse método é usado para Group Calls, Privadas e Chamadas para Todos somente com o microfone do teclado.

### **Lista de Contatos**

Esse método fornece acesso direto à lista de Contatos.

### **Discagem Manual (via Contatos)**

Esse método é usado para Chamadas Privadas e Telefônicas somente com o microfone do teclado.

### **Teclas Numéricas Programadas**

Esse método é usado para Group Calls, Privadas e Chamadas para Todos somente com o microfone do teclado.



#### **OBSERVAÇÃO:**

Você pode ter apenas um alias ou ID atribuído a uma tecla numérica, no entanto, pode ter mais de uma tecla numérica associada a um alias ou ID. Todas as teclas numéricas no microfone do teclado podem ser atribuídas. Consulte [Atribuir Entradas para Teclas Numéricas Programáveis na página 515](#) para obter mais informações.

### **Botão de Acesso com Um Toque Programado**

Esse método é usado apenas para Chamadas em Grupo, Privadas e Telefônicas.

Você pode ter apenas um ID atribuído a um botão **Acesso de um Toque** com um toque de curta ou longa duração no botão programável. Seu rádio pode ter vários botões **Acesso** com Um Toque programados.

### Botão Programável

Esse método é usado apenas para Chamadas Telefônicas .

#### 5.6.1

## Chamadas em Grupo

O rádio deve ser configurado como parte de um grupo para receber uma chamada ou fazer uma chamada para um grupo de usuários.

#### 5.6.1.1

## Fazer Chamadas em Grupo

Para fazer uma chamada para um grupo de usuários, o rádio deverá estar configurado como parte deste grupo.

### 1 Execute uma das seguintes opções:

- Selecione o canal com o nome ou ID do grupo ativo. Consulte [Selecionar um Tipo de Chamada na página 86](#) .

- Pressione o botão **Acesso com um toque** programado.
- 

### 2 Pressione o botão **PTT** para fazer a chamada.

O LED verde acende. A primeira linha de texto mostra o ícone e o alias da **Group Call**.

---

### 3 Execute uma das seguintes opções:

- Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
  - Espere pelo término do Sinal do **PTT** e fale claramente ao microfone, se ativado.
- 

### 4 Solte o botão **PTT** para escutar.

O LED verde acenderá quando o rádio de destino responder. O monitor exibirá o ícone **Group Call**, o alias ou ID e o alias ou ID do rádio transmissor.

---

### 5 Se a função Indicação de Canal Livre estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você

responder. Pressione o botão **PTT** para responder à chamada.

A chamada será encerrada quando não houver atividade de voz por um período determinado.

O inicializador da chamada pode pressionar  para encerrar a Group Call.

### 5.6.1.2

## Fazer Chamadas em Grupo Usando a Lista de Contatos

- 1 Pressione  para acessar o menu.
- 2 Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.
- 3 Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar.

- 4 Pressione o botão **PTT** para fazer a chamada.  
O LED verde acende.  
A primeira linha exibe o nome ou ID do rádio. A segunda linha exibe Group Call e o ícone **Group Call**.

- 5 Execute uma das seguintes opções:
  - Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
  - Espere pelo término do Sinal do **PTT** e fale claramente ao microfone, se ativado.

- 6 Solte o botão **PTT** para escutar.  
O LED verde acenderá quando o rádio de destino responder. O monitor exibe o ícone **Cham. Grupo**, o alias ou ID e o alias ou ID do rádio transmissor.
- 7 Se a função Indicação de Canal Livre estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você

responder. Pressione o botão **PTT** para responder à chamada.

A chamada será encerrada quando não houver atividade de voz por um período predeterminado.

Você ouvirá um tom curto. O monitor exibirá Cham. finaliz..

---

### 5.6.1.3

## Fazer Chamadas em Grupo Usando a Tecla Numérica Programável

Siga o procedimento para fazer Group Calls no rádio usando a tecla numérica programável.

- 1 Pressione e mantenha pressionada a tecla numérica programável para o alias ou o ID predefinidos quando você estiver na tela inicial.

Se uma tecla numérica for atribuída a uma entrada em um modo privativo, esse recurso não será suportado quando você mantiver a tecla numérica pressionada em outro modo.

Um tom indicador negativo é emitido se a tecla numérica não estiver associada a uma entrada.

---

- 2 Pressione o botão **PTT** para fazer a chamada.

O LED verde acende. O visor exibirá o ícone **Group Call** no canto superior direito. A primeira linha de texto exibe o alias do chamador. A segunda linha de texto exibe o status da chamada para a Group Call.

---

- 3 Execute uma das seguintes opções:

- Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
  - Espere pelo término da Campanha lateral de **PTT** e fale claramente ao microfone, se ativado.
- 

- 4 Solte o botão **PTT** para escutar.

O LED verde acenderá quando o rádio de destino responder. O visor exibe o alias de destino.

---

- 5 Se a função Indicação de Canal Livre estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você responder. Pressione o botão **PTT** para responder à chamada.

A chamada será encerrada quando não houver atividade de voz por um período determinado. O rádio retornará para a tela anterior ao início da chamada.

O inicializador de chamada pode pressionar  para encerrar a Group Call.

Consulte [Atribuir Entradas para Teclas Numéricas Programáveis na página 515](#) para obter mais informações.

#### 5.6.1.4

### Fazer Group Calls Usando a Pesquisa de Alias

Você também pode usar pesquisa de nome ou alfanumérica para recuperar o alias do rádio necessário. Essa função é aplicável apenas em Contatos. Se o rádio de destino não estiver disponível, você ouvirá um tom curto e verá **Parte Indisponível** no monitor; o rádio retorna ao menu antes de iniciar a verificação de presença do rádio.



#### OBSERVAÇÃO:

Pressione o botão  ou  para sair da busca de alias.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.  
O visor exibe as entradas em ordem alfabética.

---

- 3 Digite o primeiro caractere do alias solicitado.  
O visor mostrará um cursor intermitente.

---

- 4 Insira o restante dos caracteres do alias desejado.  
A pesquisa de alias não diferencia maiúsculas e minúsculas. Se houver duas ou mais entradas com o mesmo nome, o visor exibirá a primeira entrada da lista.  
A primeira linha de texto exibirá os caracteres digitados. O texto seguinte exibirá os resultados da pesquisa.

---

- 5 Pressione o botão **PTT** para fazer a chamada.

O LED verde acende. O monitor exibe o ID de destino, tipo de chamada e o ícone **Chamada**.

- 6 Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.

- 7 Solte o botão **PTT** para escutar.

O LED verde piscará quando o rádio de destino responder.

- 8 Se a função Indicação de Canal Livre estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você responder. Pressione o botão **PTT** para responder à chamada.

A chamada será encerrada quando não houver atividade de voz por um período predeterminado. Um tom é emitido. O visor exibe **Chamada finalizada**.

O inicializador de chamada pode pressionar



encerrar a Group Call.

#### 5.6.1.5

### Responder a Chamadas em Grupo

Quando você recebe uma Chamada de Grupo:

- O LED verde pisca.
- A primeira linha de texto exibe o nome do autor da chamada.
- A segunda linha de texto exibe o nome da chamada de grupo.
- O rádio sai do estado mudo e recebe o som da chamada no alto-falante.

#### 1 Execute uma das seguintes opções:

- Se a função Indicação de Canal Livre estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você responder. Pressione o botão **PTT** para responder à chamada.

- Se a função Interrupção de Voz estiver habilitada, pressione o botão **PTT** para interromper o áudio do rádio transmissor e liberar o canal para você responder.

O LED verde acende.

---

### 2 Execute uma das seguintes opções:

- Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
- Espere pelo término do Sinal do **PTT** e fale claramente ao microfone, se ativado.

---

### 3 Solte o botão **PTT** para escutar.

A chamada será encerrada quando não houver atividade de voz por um período determinado.

---

## 5.6.2

### Transmitir Chamada

Uma chamada de transmissão é uma chamada de voz unidirecional de qualquer usuário para todo um grupo de conversação.

O recurso de Chamada de Transmissão permite que apenas o iniciador da chamada transmita para o grupo de conversação, enquanto os destinatários não podem responder.

O inicializador da transmissão também pode encerrar a chamada de transmissão. Para receber ou para fazer uma chamada para um grupo de usuários, o rádio deve ser configurado como parte do grupo.

#### 5.6.2.1

### Fazer Chamadas de Transmissão

#### 1 Execute uma das seguintes opções:

- Selecione o canal com o nome ou ID do grupo ativo. Consulte [Selecionar um Tipo de Chamada na página 86](#).
  - Pressione o botão **Acesso com Um Toque** programado.
- 

#### 2 Pressione o botão **PTT** para fazer a chamada.

O LED verde acende. O monitor exibe o ícone **Cham. Grupo** e o alias.

---

#### 3 Execute uma das seguintes opções:



- Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
- Espere pelo término do Sinal do **PTT** e fale claramente ao microfone, se ativado.

O inicializador da chamada pode pressionar para encerrar a Chamada de Transmissão.



#### 5.6.2.2

### Fazer Chamadas de Transmissão Usando a Lista de Contatos

- 1 Pressione para acessar o menu.
- 2 Pressione ou para Contatos. Pressione para selecionar.
- 3 Pressione ou para o alias ou ID do rádio, conforme solicitado. Pressione para selecionar.

- 4 Pressione o botão **PTT** para fazer a chamada.  
O LED verde pisca.  
A primeira linha exibe o nome ou ID do rádio. A segunda linha exibe Group Call e o ícone **Group Call**.

- 5 Execute uma das seguintes opções:

- Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
- Espere pelo término do Sinal do **PTT** e fale claramente ao microfone, se ativado.

O inicializador da chamada pode pressionar para encerrar a Chamada de Transmissão.



#### 5.6.2.3

### Fazer Chamadas de Transmissão Usando a Tecla Numérica Programável

Siga o procedimento para fazer Chamadas de Transmissão no rádio usando a tecla numérica programável.

- 1 Pressione e mantenha pressionada a tecla numérica programável para o alias ou o ID predefinidos quando você estiver na tela inicial.

Se uma tecla numérica for atribuída a uma entrada em um modo privativo, esse recurso não será suportado quando você mantiver a tecla numérica pressionada em outro modo.

Um tom indicador negativo é emitido se a tecla numérica não estiver associada a uma entrada.

- 2 Pressione o botão **PTT** para fazer a chamada.

O LED verde acende. O visor exibirá o ícone **Group Call** no canto superior direito. A primeira linha de texto exibe o nome do autor da chamada.

- 3 Execute uma das seguintes opções:

- Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
- Espere pelo término da Campainha lateral de **PTT** e fale claramente ao microfone, se ativado.

O inicializador da chamada pode pressionar  para encerrar a Chamada de Transmissão.

#### 5.6.2.4

### Receber Chamadas de Transmissão

Siga o procedimento para receber uma Chamada de Transmissão no rádio.

Quando você recebe uma Chamada de Transmissão:

- O LED verde pisca.
- A primeira linha de texto exibe o nome do autor da chamada.
- A segunda linha de texto exibe o nome da chamada de grupo.

- O rádio sai do estado mudo e recebe o som da chamada no alto-falante.



**OBSERVAÇÃO:**

Os usuários destinatários não têm permissão para Responder durante uma Chamada de Transmissão. O monitor exibe Responder Não Permitido. O tom de Responder Não Permitido toca brevemente se o botão **PTT** for pressionado durante uma Chamada de Transmissão.

5.6.3

## Chamada Privada

Uma Chamada Privada é uma chamada de um rádio individual para outro rádio individual.

Há dois modos de configurar uma Chamada Privada.

- O primeiro tipo de chamada é denominado OACSU (Off Air Call Set-Up, configuração de chamada fora do ar). O OACSU configura a chamada após realizar uma verificação da presença do rádio e completa automaticamente a chamada.
- O segundo tipo é denominado FOACSU (Full Off Air Call Set-Up, configuração completa de chamada fora do ar). O FOACSU também configura a chamada após realizar uma verificação da presença do rádio. No

entanto, as chamadas FOACSU precisam ser confirmadas pelo usuário para completar a chamada e permite que o usuário Aceite ou Recuse a chamada.

O tipo de chamada é configurado pelo administrador do sistema.

Se o rádio de destino não estiver disponível antes de configurar a Chamada Privada, ocorre o seguinte:

- Um tom é emitido.
- O visor exibirá uma mininota negativa.
- O rádio voltará para o menu antes de iniciar a verificação de presença do rádio.



**OBSERVAÇÃO:**

O iniciador ou o destinatário da chamada pode

encerrar uma Chamada Privada pressionando .

5.6.3.1

## Fazer Chamadas Privadas

O rádio deverá estar programado para que você inicie uma Chamada Privada. Se esse recurso não estiver ativado, você ouvirá um tom indicador negativo ao iniciar a chamada. Se o rádio de destino não estiver disponível, um

curto tom será emitido e o monitor exibirá Parte Indisponível.

**1** Execute uma das seguintes opções:

- Selecione o canal com o nome ou ID do rádio ativo. Consulte [Selecionar um Tipo de Chamada na página 86](#).
- Pressione o botão **Acesso com um toque** programado.

**2** Pressione o botão **PTT** para fazer a chamada.

O LED verde acende. O visor mostra o ícone **Chamada Privada**, o alias do rádio e o status da chamada.

**3** Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.

**4** Solte o botão **PTT** para escutar.

O LED verde acenderá quando o rádio de destino responder.

**5** A chamada será encerrada quando não houver atividade de voz por um período determinado. Você ouvirá um tom curto. O visor mostra **Chamada Finalizada**.

O iniciador ou o destinatário da chamada pode

encerrar uma Chamada Privada pressionando .

### 5.6.3.2

## Fazer Chamadas Privadas Usando a Tecla Numérica Programável

Siga o procedimento para fazer Chamadas Privadas no rádio usando a tecla numérica programável.

**1** Pressione e mantenha pressionada a tecla numérica programável para o alias ou o ID predefinidos quando você estiver na tela inicial.

Se uma tecla numérica for atribuída a uma entrada em um modo privativo, esse recurso não será suportado quando você mantiver a tecla numérica pressionada em outro modo.

Um tom indicador negativo é emitido se a tecla numérica não estiver associada a uma entrada.

- 2 Pressione o botão **PTT** para fazer a chamada.  
O LED verde acende. O visor exibe o ícone **Chamada privada**, o ID ou alias do rádio e o status da chamada.
- 

- 3 Execute uma das seguintes opções:
- Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
  - Espere pelo término do Sinal do **PTT** e fale claramente ao microfone, se ativado.
- 

- 4 Solte o botão **PTT** para escutar.  
O LED verde piscará quando o rádio de destino responder. O visor exibe o alias de destino.
- 

- 5 A chamada será encerrada quando não houver atividade de voz por um período predeterminado. Você ouvirá um tom curto. O visor exibe Chamada finalizada.

O iniciador ou o destinatário da chamada pode encerrar uma Chamada Privada pressionando .

---

Consulte [Atribuir Entradas para Teclas Numéricas Programáveis na página 515](#) para obter mais informações.

#### 5.6.3.3

### Fazer Chamadas Privadas Usando a Pesquisa de Alias

Você também pode usar pesquisa de nome ou alfanumérica para recuperar o alias do rádio necessário. Essa função é aplicável apenas em Contatos.



#### OBSERVAÇÃO:

Pressione o botão  ou  para sair da busca de nome.

1

Pressione  para acessar o menu.

---

2

Pressione  ou  para Contatos. Pressione  para selecionar.

O visor exibe as entradas em ordem alfabética.

---

- 3 Digite o primeiro caractere do alias solicitado.

O visor mostrará um cursor intermitente.

---

- 4 Insira o restante dos caracteres do alias desejado.

A pesquisa de alias não diferencia maiúsculas e minúsculas. Se houver duas ou mais entradas com o mesmo nome, o visor exibirá a primeira entrada da lista.

A primeira linha de texto exibirá os caracteres digitados. O texto seguinte exibirá os resultados da pesquisa.

---

- 5 Pressione o botão **PTT** para fazer a chamada.

O LED verde acende. O monitor exibe o ID de destino, o tipo de chamada e o ícone **Cham. Privat.**

---

- 6 Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
- 

- 7 Solte o botão **PTT** para escutar.

O LED verde piscará quando o rádio de destino responder.

---

- 8 A chamada será encerrada quando não houver atividade de voz por um período predeterminado. Você ouvirá um tom curto. O visor exibe *Chamada finalizada*.

O iniciador ou o destinatário da chamada pode

encerrar uma Chamada Privada pressionando .

---

#### 5.6.3.4

### Fazer uma Chamada Privada com um botão Chamada com Um Toque

O recurso Chamada com Um Toque permite que o usuário faça uma Chamada Privada para um nome ou ID de Chamada Privada predefinido. Essa função pode ser configurada para pressionamento curto ou longo.

Você pode ter somente um alias ou ID atribuído a um botão Chamada de Um Toque. Seu rádio pode ter vários botões programados Chamada com Um Toque.

- 1 Pressione o botão programado **Chamada de Um Toque** para realizar uma Chamada Privativa a um alias ou ID de Chamada Privativa predefinido.
- 2 Pressione o botão **PTT** para fazer a chamada.  
O LED fica aceso em verde contínuo.  
O visor exibe o nome ou ID da Chamada Privada.
- 3 Espere que o Tom Permitir Falar termine (se habilitado) e fale claramente ao microfone.
- 4 Solte o botão **PTT** para ouvir.  
Quando o rádio de destino responder, o LED piscará em verde.  
Se não houver atividade de voz por um período predeterminado, a chamada será encerrada.  
O iniciador ou o destinatário da chamada pode encerrar uma Chamada Privada pressionando .

#### 5.6.3.5

### Fazer Chamadas Privadas Usando a Discagem Manual

- 1 Pressione  para acessar o menu.
- 2 Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.
- 3 Pressione ▲ ou ▼ para Discagem Manual.  
Pressione  para selecionar.
- 4 Pressione ▲ ou ▼ para Número do Rádio.  
Pressione  para selecionar.
- 5 Execute uma das seguintes opções:
  - Digite o ID do rádio e pressione  para continuar.

- Edite o ID do rádio digitado anteriormente e pressione  para continuar.

- 
- 6** Pressione o botão **PTT** para fazer a chamada. O LED verde acende. O visor exibe o alias de destino.

- 
- 7** Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.

- 
- 8** Solte o botão **PTT** para escutar. O LED verde acenderá quando o rádio de destino responder. O visor exibirá o alias ou a ID do usuário da transmissão.

- 
- 9** Se a função Indicação de Canal Livre estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você responder. Pressione o botão **PTT** para responder à chamada.

A chamada será encerrada quando não houver atividade de voz por um período determinado. Um tom é emitido. O visor exibe Chamada finalizada.

O iniciador ou o destinatário da chamada pode

encerrar uma Chamada Privada pressionando .

#### 5.6.3.6

### Receber Chamadas Privadas

Ao receber Chamadas Privadas configuradas como OACSU (Off Air Call Set-Up, configuração de chamada fora do ar):

- O LED verde pisca.
- O ícone **Cham. Privat.** é exibido no canto superior direito.
- A primeira linha de texto exibe o nome do autor da chamada.



- O rádio sai do estado mudo e recebe o som da chamada no alto-falante.



#### **OBSERVAÇÃO:**

Dependendo da configuração usada no rádio, OACSU ou FOACSU, responder a Chamadas Privadas pode ou não precisar de autorização do usuário.

Na configuração OACSU, o rádio sai do estado mudo e a chamada é conectada automaticamente.

#### 5.6.3.7

### **Aceitar Chamadas Privadas**

Ao receber Chamadas Privadas configuradas como FOACSU (Full Off Air Call Set-Up, configuração completa de chamada fora do ar):

- O LED verde pisca.
- O ícone **Cham. Privat.** é exibido no canto superior direito.
- A primeira linha de texto exibe o nome do autor da chamada.

- 1 Para aceitar uma Chamada Privada configurada como FOACSU, use um dos seguintes métodos:

- Pressione  ou  para **Aceitar** e pressione



para responder uma Chamada Privada.

- Pressione o botão **PTT** em qualquer entrada. O LED verde acende.

- 
- 2 Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.

- 
- 3 Solte o botão **PTT** para escutar.

A chamada será encerrada quando não houver atividade de voz por um período predeterminado. Um tom é emitido. O visor exibe *Chamada finalizada*.



#### **OBSERVAÇÃO:**

O iniciador ou o destinatário da chamada pode encerrar uma Chamada Privada

pressionando .

## 5.6.3.8

## Recusar Chamadas Privadas

Ao receber Chamadas Privadas configuradas como FOACSU (Full Off Air Call Set-Up, configuração completa de chamada fora do ar):

- O LED verde pisca.
- O ícone **Cham. Privat.** é exibido no canto superior direito.
- A primeira linha de texto exibe o nome do autor da chamada.

Para recusar uma Chamada Privada configurada como FOACSU, use um dos seguintes métodos:

- Pressione ▲ ou ▼ para Rejeitar e pressione



para recusar uma Chamada Privada.

- Pressione  para recusar uma Chamada Privativa.

## Chamadas para Todos

Uma All Call é uma chamada de um rádio individual para todos os rádios no site ou para todos os rádios em um grupo de sites, dependendo da configuração do sistema.

Uma All Call é usada para fazer anúncios importantes, que exigem a atenção do usuário. Os usuários no sistema não podem responder a uma All Call.

O Capacity Max suporta Chamadas para Todos do Site e Chamadas para Todos de Vários Sites. O administrador do sistema pode configurar um ou os dois tipos de chamada no seu rádio.



### OBSERVAÇÃO:

Os rádios podem ter suporte para All Calls em Todo o Sistema, mas a infraestrutura da Motorola Solutions não tem suporte para isso.

## 5.6.4.1

## Fazer Chamadas para Todos

O rádio deverá estar programado para que você inicie uma All Call.

## 5.6.4

- 1 Selecione o canal com o nome e ID de grupo ativo da All Call. Consulte [Selecionar um Tipo de Chamada na página 86](#).
- 

- 2 Pressione o botão **PTT** para fazer a chamada.  
O LED verde acende. O monitor exibe o ícone **Cham. Grupo** e Chamada para todos, Chamada para Todos no Local ou Chamada Multi-site dependendo do tipo de configuração.
- 

- 3 Execute uma das seguintes opções:
  - Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
  - Espere pelo término do Sinal do **PTT** e fale claramente ao microfone, se ativado.

Os usuários no canal não podem responder uma All Call.

O inicializador de chamada pode pressionar



para encerrar a All Call.

---

## Fazer Chamada para Todos Usando a Tecla Numérica Programável

Siga o procedimento para fazer All Calls no rádio usando a tecla numérica programável.

- 1 Mantenha pressionada a tecla numérica programável designada para o alias ou o ID predefinidos quando você estiver na tela inicial.  
Se uma tecla numérica for atribuída a uma entrada em um modo privativo, esse recurso não será suportado quando você mantiver a tecla numérica pressionada em outro modo.  
Um tom indicador negativo é emitido se a tecla numérica não estiver associada a uma entrada.
- 

- 2 Pressione o botão **PTT** para fazer a chamada.  
O LED verde acende. O monitor exibe o ícone **Group Call** e All Call, All Call do Site, ou Cham. Multil. dependendo do tipo de configuração.
- 

- 3 Execute uma das seguintes opções:

- Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
- Espere pelo término da Campainha lateral de **PTT** e fale claramente ao microfone, se ativado.

O inicializador de chamada pode pressionar  para encerrar a All Call.

Consulte [Atribuir Entradas para Teclas Numéricas Programáveis na página 515](#) para obter mais informações.

#### 5.6.4.3

### Fazer Chamada para Todos Usando a Pesquisa de Alias

Você pode usar pesquisa de alias ou alfanumérica para recuperar o nome do rádio necessário. Essa função é aplicável apenas em Contatos. Siga o procedimento para fazer All Calls no rádio usando a pesquisa de alias.



#### OBSERVAÇÃO:

Pressione o botão  ou  para sair da busca de nome.

- 1 Pressione  para acessar o menu.
- 2 Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.  
O visor exibe as entradas em ordem alfabética.
- 3 Digite o primeiro caractere do alias solicitado.  
O visor mostrará um cursor intermitente.
- 4 Insira o restante dos caracteres do alias desejado.  
A pesquisa de alias não diferencia maiúsculas e minúsculas. Se houver duas ou mais entradas com o mesmo nome, o visor exibirá a primeira entrada da lista.  
A primeira linha de texto exibirá os caracteres digitados. O texto seguinte exibirá os resultados da pesquisa.

- 5 Pressione o botão **PTT** para fazer a chamada.  
O LED verde acende. O visor exibe o ID de destino, o tipo de chamada e o ícone **Chamada em Grupo**.
- 6 Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.



#### OBSERVAÇÃO:

O inicializador de chamada pode pressionar  para encerrar a All Call.

#### 5.6.4.4

### Receber Chamadas para Todos

Quando você recebe uma All Call, o seguinte ocorre:

- Um tom é emitido.
- O LED verde pisca.
- O visor exibirá o ícone **Group Call** no canto superior direito.
- A primeira linha de texto exibe o ID do nome do chamador.

- A segunda linha de texto exibe All Call, All Call do Site ou Cham. Multil., dependendo do tipo de configuração.
- O rádio sai do estado mudo e recebe o som da chamada no alto-falante.

O rádio retorna para a tela antes de receber a All Call ao término da chamada.

Se a função Indicação de Canal Livre estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você responder. Você não pode responder a uma All Call.



#### OBSERVAÇÃO:

O rádio para de receber a All Call se você alternar para um canal diferente enquanto recebe a chamada. Durante uma ocorrência de All Call, não será possível continuar com qualquer navegação nos menus ou edição até que ela seja encerrada.

## 5.6.5

## Chamadas Telefônicas

Uma Chamada Telefônica é uma chamada realizada entre um rádio individual ou um grupo de rádios e um telefone.

Dependendo de como o rádio estiver configurado, os recursos a seguir podem estar disponíveis, ou não:

- Código de acesso
- Tom DTMF (Dual Tone Multi Frequency, multifrequência de tom duplo)
- Código de Cancelamento de Acesso
- Exibição do ID ou do alias do chamador ao receber uma chamada telefônica
- Capacidade de recusar ou aceitar uma chamada telefônica

O recurso de Chamada Telefônica pode ser ativado ao atribuir e configurar números de telefone no sistema. Verifique com seu administrador do sistema como seu rádio foi programado.

## 5.6.5.1

## Fazer Chamadas Telefônicas

Siga o procedimento para fazer Chamadas Telefônicas no rádio.

- 1 Execute uma das seguintes opções:
    - Pressione o botão programado **Telefone** para inserir dados na lista Entrada de Telefone.
    - Pressione o botão **Acesso com um toque** programado. Vá para [etapa 2](#).
- 
- 2 Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar. Ao pressionar o botão **PTT** quando estiver na tela Contatos Telefônicos:
    - Um tom indicador negativo é emitido.
    - O monitor exibirá Pressione OK para Chamar.
 O monitor exibirá Código de Acesso: se o código de acesso não for pré-configurado.
-

3

Digite o código de acesso e pressione  para continuar.

O código de acesso ou de cancelamento de acesso não pode ter mais de 10 caracteres.

4 Pressione o botão **PTT** para fazer a chamada.

O LED verde acende. O visor mostra o ícone de **Chamada Telefônica**, o alias do rádio e o status da chamada.

Se a chamada for bem-sucedida:

- O Tom DTMF será emitido.
- Você ouvirá o tom de chamada em espera do usuário do telefone.
- O visor exibe o alias do rádio e o ícone de **Chamada Telefônica**.

Se a chamada for malsucedida:

- Um tom é emitido.
- O visor mostrará Falha na Chamada Telefônica e, em seguida, Código de Acesso:

- Se o código de acesso foi pré-configurado na lista de Contatos, o rádio retornará à tela em que você estava antes de iniciar a chamada.

---

5 Pressione o botão **PTT** para responder à chamada.

---

6 Solte o botão **PTT** para escutar.

---

7 Introduza mais dígitos com o teclado se for

solicitado pela chamada e pressione  para continuar.

Se a chamada terminar enquanto você estiver digitando os dígitos extras solicitados pela chamada, o rádio retorna à tela em que estava antes de iniciar a chamada.

O Tom DTMF será emitido. O rádio retorna à tela anterior.

---

8

Pressione  para encerrar a chamada.

---

9 Execute uma das seguintes opções:

- Se o código de cancelamento de acesso não tiver sido pré-configurado, insira-o quando o monitor exibir Código de Cancelamento de

Acesso: e pressione  para continuar. O rádio retorna à tela anterior.

- Pressione o botão **Acesso com um toque** programado. Se a entrada do botão **Acesso de Um Toque** estiver vazia, um tom indicador negativo será emitido.

O Tom DTMF será emitido, e o monitor exibirá Encerrando Chamada.

Se a chamada for finalizada com êxito:

- Um tom é emitido.
- O visor exibe Chamada finalizada.

Se a chamada não for encerrada, o rádio retornará à tela Chamada Telefônica. Repita as duas etapas anteriores ou aguarde o usuário do telefone encerrar a chamada.

## Fazer Chamadas Telefônicas com o Botão Programável

Siga o procedimento para fazer Chamadas Telefônicas com o botão programável.

- Pressione o botão programado **Telefone** para inserir dados na lista Entrada de Telefone.

- Pressione  ou  para o alias ou ID do rádio,

conforme solicitado. Pressione  para selecionar.

Se o código de acesso não tiver sido pré-configurado na lista Contatos, o visor exibirá Código de Acesso:. Digite o código de acesso e pressione

o botão  para continuar.

O LED verde acende. O visor mostra o ícone de **Chamada Telefônica**, o ID ou o alias do rádio e o status da chamada.

Se a configuração da chamada for bem-sucedida:

- O tom DTMF será emitido.
- Você ouvirá o tom de chamada em espera do usuário do telefone.



- O visor mostrará o ícone de **Chamada Telefônica**, o ID ou o alias do rádio, a Chamada Telefônica e o status da chamada.

Se a configuração da chamada for malsucedida:

- Um tom é emitido.
- O visor mostrará Falha na Chamada Telefônica.
- O rádio retorna à tela de entrada do Código de acesso. Se o código de acesso foi pré-configurado na lista de Contatos, o rádio retornará à tela em que você estava antes de iniciar a chamada.

---

**3** Pressione o botão **PTT** para falar. Solte o botão **PTT** para escutar.

---

**4** Para inserir dígitos adicionais, se exigido pela Chamada Telefônica. Execute uma das seguintes opções:

- Pressione qualquer tecla do teclado para começar a inserir os dígitos extras. O visor exibirá Dígitos Extras: e o cursor ficará piscando. Insira os dígitos extras e pressione o

botão  para continuar. O tom DTMF será emitido, e o rádio retornará à tela anterior.

- Pressione o botão **Acesso de Um Toque**. O tom DTMF será emitido. Se a entrada do botão **Acesso de Um Toque** estiver vazia, um tom indicador negativo será emitido.

---

**5**

Pressione  para encerrar a chamada.

Se o código de cancelamento de acesso não tiver sido pré-configurado na lista Contatos, o visor exibirá Código de Cancelamento de Acesso:. Digite o código de cancelamento de acesso e

pressione o botão  para continuar.

O tom DTMF será emitido, e o monitor exibirá Encerrando Chamada.

Se a configuração de encerramento de chamada tiver sido realizada com sucesso, um tom será emitido e o visor exibirá Chamada Encerrada.

Se a configuração de encerramento de chamada tiver sido malsucedida, o rádio retornará à tela de Chamada Telefônica. Repita [etapa 3](#) e [etapa 5](#) ou

aguarde até que o usuário do telefone encerre a chamada.

Quando você pressionar o botão **PTT** enquanto estiver na tela de Contatos de Telefone, um tom será emitido e o visor mostrará *Pressione OK para Fazer uma Chamada*.

Quando o usuário do telefone encerra a chamada, um tom é emitido e o visor mostra *Chamada Telefônica Encerrada*.

Se a chamada terminar quando você estiver digitando os dígitos extras solicitados pela Chamada Telefônica, o rádio retorna à tela em que estava antes se iniciar a chamada.



### OBSERVAÇÃO:

Durante o acesso de canal, pressione  para sair da tentativa de chamada, e um tom será emitido.

Durante a chamada, quando você pressiona o botão **Acesso com Um Toque**, com o código de saída pré-configurado, ou insere o código de saída como entrada para dígitos suplementares, o rádio tenta encerrar a chamada.

#### 5.6.5.3

### Fazer Chamadas Telefônicas Usando a Lista de Contatos

Siga o procedimento para fazer chamadas telefônicas no rádio usando a lista de Contatos.

1

Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Contatos. Pressione



para selecionar.

O visor exibe as entradas em ordem alfabética.

---

- 3 Pressione ▲ ou ▼ para o alias ou ID do rádio,

conforme solicitado. Pressione  para selecionar.

Ao pressionar o botão **PTT** quando estiver na tela Contatos Telefônicos:

- Um tom indicador negativo é emitido.
- O visor exibe Pressione OK para Fazer uma Chamada.

Se a entrada selecionada estiver vazia:

- Um tom indicador negativo é emitido.
  - O monitor exibirá Chamada Telefônica Inválida.
- 

- 4 Pressione ▲ ou ▼ para Chamada Telefônica.



Pressione para selecionar.

O monitor exibirá Código de Acesso: se o código de acesso não for pré-configurado.

---

- 5

Digite o código de acesso e pressione  para continuar.

O código de acesso ou de cancelamento de acesso não pode ter mais de 10 caracteres.

Agora, o visor mostra Chamando, o ID ou o alias do rádio e o ícone de **Chamada Telefônica**.

Se a chamada for bem-sucedida:

- O Tom DTMF será emitido.
- Você ouvirá o tom de chamada em espera do usuário do telefone.
- O visor mostra o ID ou o alias do rádio, o ícone de **Chamada Telefônica** e Chamada Telefônica.

Se a chamada for malsucedida:

- Um tom é emitido.

- O monitor exibirá Falha ao Cham. Tel e, em seguida, Código de Acesso!.
- O rádio retornará para a tela anterior ao início da chamada se o código de acesso foi pré-configurado na lista de Contatos.

---

**6** Pressione o botão **PTT** para responder à chamada.

O ícone **RSSI** desaparecerá.

---

**7** Solte o botão **PTT** para escutar.

---

**8** Introduza mais dígitos com o teclado se for

solicitado pela chamada e pressione  para continuar.

Se a chamada for finalizada quando você estiver inserindo os dígitos extras solicitados pela chamada, o rádio retornará à tela anterior ao início da chamada.

O Tom DTMF será emitido. O rádio retorna à tela anterior.

---

**9**

Pressione  para encerrar a chamada.

---

**10** Se o código de cancelamento de acesso não tiver sido pré-configurado, insira-o quando o monitor exibir Código de Cancelamento de Acesso: e

pressione  para continuar.

O rádio retorna à tela anterior. O Tom DTMF será emitido, e o monitor exibirá Encerrando Chamada. Se a chamada for finalizada com êxito:

- Um tom é emitido.
- O visor exibe Chamada finalizada.

Se a chamada não for encerrada, o rádio retornará à tela Chamada Telefônica. Repita [etapa 9](#) e [etapa 10](#) ou aguarde o usuário do telefone encerrar a chamada. Quando você pressiona o botão PTT na tela Contatos de Telefone, um som é emitido e o monitor exibe Pressione OK para Fazer uma Chamada.

Quando o usuário do telefone encerra a chamada, é emitido um tom, e o monitor exibe Chamada Termina.

Se a chamada terminar quando você estiver digitando os dígitos extras solicitados pela Chamada Telefônica, o rádio retorna à tela em que estava antes se iniciar a chamada.

---

#### 5.6.5.4

### Fazer Chamadas Telefônicas Usando a Pesquisa de Alias

Você também pode usar pesquisa de nome ou alfanumérica para recuperar o alias do rádio necessário. Essa função é aplicável apenas em Contatos. Siga o procedimento para fazer Chamadas Telefônicas no rádio usando a pesquisa de alias.



#### OBSERVAÇÃO:

Pressione o botão  ou  para sair da busca de alias.

1

Pressione  para acessar o menu.

---

2 Pressione  ou  para Contatos. Pressione



para selecionar.

O visor exibe as entradas em ordem alfabética.

---

3 Digite o primeiro caractere do alias solicitado.

O visor mostrará um cursor intermitente.

---

4 Insira o restante dos caracteres do alias desejado.

A pesquisa de alias não diferencia maiúsculas e minúsculas. Se houver duas ou mais entradas com o mesmo nome, o visor exibirá a primeira entrada da lista.

A primeira linha de texto exibirá os caracteres digitados. O texto seguinte exibirá os resultados da pesquisa.

---

5 Para fazer uma chamada para o alias necessário,

pressione  .

---

- 6 Pressione ▲ ou ▼ para Chamada Telefônica.

Pressione  para selecionar.

O LED verde acende. O visor exibirá o ID de destino, o tipo de chamada e o ícone **Chamada Telefônica**.

- 7 Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.

- 8 Solte o botão **PTT** para escutar.

O LED verde piscará quando o rádio de destino responder.

- 9 Se a função Indicação de Canal Livre estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você responder. Pressione o botão **PTT** para responder à chamada.

A chamada será encerrada quando não houver atividade de voz por um período predeterminado. Um tom é emitido. O visor exibe Chamada finalizada.

#### 5.6.5.5

### Como Fazer Chamadas Usando a Discagem Manual

Siga o procedimento para fazer Chamadas Telefônicas no rádio usando a discagem manual.

- 1 Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Discagem Manual. Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Núm. do Telef. Pressione  para selecionar. O monitor exibirá Número: e um cursor intermitente.

5

Digite o número do telefone e pressione  para continuar.

O monitor exibirá **Código de Acesso:** e um cursor intermitente se o código de acesso não for pré-configurado.

6

Digite o código de acesso e pressione  para continuar. O código de acesso ou de cancelamento de acesso não pode ter mais de 10 caracteres.

O LED verde acende. O visor exibe o ícone **Chamada Telefônica**, o alias do rádio e o status da chamada.

Se a chamada for bem-sucedida:

- O Tom DTMF será emitido.
- Você ouvirá o tom de chamada em espera do usuário do telefone.
- O visor mostrará o alias do rádio e o ícone de **Chamada Telefônica**.

Se a chamada for malsucedida:

- Um tom é emitido.

- O monitor exibirá **Falha ao Cham. Tel e**, em seguida, **Código de Acesso:**.
- O rádio retornará para a tela anterior ao início da chamada se o código de acesso tiver sido pré-configurado na lista de Contatos.

---

7 Pressione o botão **PTT** para responder à chamada.

---

8 Solte o botão **PTT** para escutar.

---

9 Introduza mais dígitos com o teclado se for

solicitado pela chamada e pressione  para continuar.

Se a chamada terminar enquanto você estiver digitando os dígitos extras solicitados pela chamada, o rádio retorna à tela em que estava antes se iniciar a chamada.

O Tom DTMF será emitido. O rádio retorna à tela anterior.

10

Pressione  para encerrar a chamada.

---

### 11 Execute uma das seguintes opções:

- Se o código de cancelamento de acesso não tiver sido pré-configurado, insira-o quando o monitor exibir **Código de Cancelamento de**

Acesso: e pressione  para continuar. O rádio retorna à tela anterior.

- Pressione o botão **Acesso com um toque** programado. Se a entrada do botão **Acesso de Um Toque** estiver vazia, um tom indicador negativo será emitido.

O Tom DTMF será emitido, e o monitor exibirá **Encerrando Chamada**.

Se a chamada for finalizada com êxito:

- Um tom é emitido.
- O visor exibe **Chamada finalizada**.

Se a chamada não for encerrada, o rádio retornará à tela **Chamada Telefônica**. Repita [etapa 10](#) ou aguarde o usuário do telefone encerrar a chamada.

## Multifrequência de Tom Dual

A função Multifrequência de tom duplo (DTMF) permite que o rádio opere em um sistema de rádio com uma interface para sistemas telefônicos.

A desativação de todos os tons de rádio e alerta desliga automaticamente o tom DTMF.

### 5.6.5.6.1

## Iniciar tom DTMF

Siga o procedimento para iniciar um tom DTMF no rádio.

#### 1 Mantenha o botão **PTT** pressionado.

---

#### 2 Execute uma das seguintes opções:

- Insira o número desejado para iniciar um tom DTMF.
  - Pressione  para iniciar um tom DTMF.
  - Pressione  para iniciar um tom DTMF.
-



#### 5.6.5.7

### Responder às Chamadas Telefônicas como Chamadas para Todos

Quando você recebe uma Chamada Telefônica como uma All Call, o rádio não pode responder. Além disso, o rádio destinatário não está autorizado a finalizar uma All Call.

Quando você receber uma Chamada Telefônica como All Call:

- O visor exibe o ícone **Cham. Tel.** no canto superior direito.
- O monitor exibe All Call, All Call do Site ou Cham. Multil. dependendo do tipo de configuração e Chamada Telefônica.
- O LED verde pisca.
- O rádio sai do estado mudo e recebe o som da chamada no alto-falante.

#### 5.6.5.8

### Responder às Chamadas Telefônicas como Chamadas em Grupo

Siga o procedimento para responder às Chamadas Telefônicas como Chamadas em Grupo no rádio.

Quando você recebe uma Chamada Telefônica como uma Chamada em Grupo:

- O visor mostra o ícone de **Chamada Telefônica** e Chamada Telefônica.
- O LED verde pisca.
- O rádio sai do estado mudo e recebe o som da chamada no alto-falante.

**1** Pressione o botão **PTT** para responder à chamada.

---

**2** Solte o botão **PTT** para escutar.

---

**3**

Pressione  para encerrar a chamada.



#### **OBSERVAÇÃO:**

Seu rádio não consegue encerrar uma chamada telefônica com chamada em grupo. O usuário do telefone deve encerrar a chamada. O usuário destinatário está autorizado somente a responder durante a chamada.

O monitor exibe Encerrando Chamada.  
Se a chamada for finalizada com êxito:

- Um tom é emitido.

- O visor exibe Chamada finalizada.

Se a chamada não for encerrada, o rádio retornará à tela Chamada Telefônica. Repita [etapa 3](#) ou aguarde o usuário do telefone encerrar a chamada.

#### 5.6.5.9

### Responder às Chamadas Telefônicas como Chamadas Privadas

Siga o procedimento para responder às Chamadas Telefônicas como Chamadas Privadas no rádio.

Quando você receber uma Chamada Telefônica como uma Chamada Privada:

- O visor mostra o ícone de **Chamada Telefônica** e Chamada Telefônica.
- O LED verde pisca.
- O rádio sai do estado mudo e recebe o som da chamada no alto-falante.

**1** Pressione o botão **PTT** para responder à chamada.

**2** Solte o botão **PTT** para escutar.

**3**

Pressione  para encerrar a chamada.



#### OBSERVAÇÃO:

Seu rádio não consegue encerrar uma chamada telefônica com chamada em grupo. O usuário do telefone deve encerrar a chamada. O usuário destinatário está autorizado somente a responder durante a chamada.

O monitor exibe Encerrando Chamada.

Se a chamada for finalizada com êxito:

- Um tom é emitido.
- O visor exibe Chamada finalizada.

Se a chamada não for encerrada, o rádio retornará à tela Chamada Telefônica. Repita [etapa 3](#) ou aguarde o usuário do telefone encerrar a chamada.

#### 5.6.6

### Iniciar interrupção de transmissão

Uma chamada em andamento é interrompida quando você executa as seguintes ações:

- Pressione o botão **Voz PTT**.
- Pressione o botão **Emergência**.

O rádio receptor exibe Chamada interrompida.

#### 5.6.7

### Preempção de Chamadas

A Preempção de Chamada permite que um rádio interrompa qualquer transmissão de voz em andamento e inicie uma transmissão prioritária.

Com o recurso de Preempção de Chamadas, o sistema interrompe e prioriza as chamadas em andamento em instâncias nas quais canais troncalizados estejam disponíveis.

Chamadas com prioridades maiores como Chamadas de Emergência ou Chamadas para Todos priorizam o rádio transmissor para acomodar a chamada com maior prioridade. Se nenhum outro canal de RF estiver disponível, uma Chamada de Emergência também tem prioridade sobre uma All Call.

#### 5.6.8

### Interrupção de Voz

A Interrupção de Voz permite que o usuário interrompa uma transmissão de voz em andamento.

Essa função usa sinalização reversa de canal para interromper a transmissão de voz em andamento de um rádio, se o rádio que interromper estiver configurado com a Interrupção de Voz e o rádio transmissor estiver configurado para poder ser interrompido durante a Chamada de Voz. Então, o rádio que interrompe pode fazer uma transmissão de voz para o participante na chamada interrompida.

O recurso de Interrupção de voz aumenta significativamente a probabilidade de enviar uma nova transmissão para as partes interessadas quando uma ligação está em progresso.

O recurso de Interrupção de Voz está disponível para o usuário apenas se tiver sido configurado no rádio. Obtenha mais informações com seu revendedor ou administrador do sistema.

## 5.6.8.1

## Interrupção de Ativação de Voz

Siga o procedimento para iniciar uma Interrupção de Voz no seu rádio.

O rádio deverá ser programado para permitir que você use essa função. Obtenha mais informações com seu revendedor ou administrador do sistema.

- 1 Para interromper a transmissão durante uma chamada em andamento, pressione o botão **PTT**.

No rádio interrompido, o visor exibe *Chamada Interrompida*. O rádio emite um tom indicador negativo até que o botão **PTT** seja liberado.

- 2 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.

Se malsucedida:

- Um tom indicador negativo é emitido.

- 3 Execute uma das seguintes opções:

- Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
- Espere pelo término da Campanha lateral de **PTT** e fale claramente ao microfone, se ativado.

## 5.7

## Recursos Avançados

Este capítulo explica as operações das funções disponíveis na rádio.

Entretanto, é possível que o revendedor ou administrador do sistema tenha personalizado seu rádio para atender às suas necessidades específicas. Obtenha mais informações com seu revendedor ou administrador do sistema.

## 5.7.1

### Fila de Chamadas

Quando não há recursos disponíveis para processar uma chamada, a Fila de Chamadas possibilita que a chamada seja colocada na fila do sistema para os próximos recursos disponíveis.

Você ouve um Tom de Fila de Chamadas após pressionar o botão **PTT**, e a tela do rádio mostra *Chamada em Fila*, indicando que o rádio entrou no Estado de Fila de Chamadas. O botão **PTT** pode ser liberado assim que o Tom de Fila de Chamadas for emitido.

Se a configuração da chamada for bem-sucedida, ocorre o seguinte:

- O LED verde pisca.
- Se ativado, o tom de Permissão para Falar será emitido.
- O visor mostra o ícone do tipo de chamada, a ID ou o alias.
- O usuário de rádio tem até quatro segundos para pressionar o botão **PTT** para iniciar a transmissão de voz.

Se a configuração da chamada for malsucedida, ocorre o seguinte:

- Se ativado, o tom de Rejeição é emitido.
- O visor mostra brevemente a tela de notificação de falha.
- A chamada é encerrada e o rádio sai da configuração de chamada.

### 5.7.2

## Chamada de Prioridade

A Chamada Prioritária permite que o sistema interrompa uma das chamadas não prioritárias em andamento e inicie a chamada de alta prioridade solicitada quando todos os canais estiverem ocupados.

Com todos os canais ocupados com chamadas de alta prioridade, o sistema não interrompe nenhuma chamada e coloca a chamada de alta prioridade solicitada em uma fila de chamadas. Se o sistema deixar de colocar em fila a chamada de alta prioridade solicitada, ela apresentará falha.

As configurações padrão para Chamadas Prioritárias são pré-configuradas. Pressione o botão programável para alternar entre os níveis de prioridade normal e alto. Quando você usar os seguintes recursos, o nível de prioridade de chamada será automaticamente revertido para a configuração pré-configurada.

- Todas as chamadas de voz
- Mensagem de Texto DMR III/Mensagem de Texto
- Tíquete de Tarefa
- Monitoramento remoto

Listados abaixo estão os tipos de Chamada Prioritária:

**Alta prioridade**

O rádio exibe Próxima Chamada: Alta prioridade.

O ícone de **Chamada de Alta Prioridade** aparece na parte superior do visor do rádio.

Anúncio de voz para Próxima Chamada: Alta Prioridade.

**Prioridade Normal**

O rádio exibe Próxima Chamada: Prioridade Normal.

O ícone de **Chamada de Alta Prioridade** desaparece.

Anúncio de voz para Próxima Chamada: Prioridade Normal.

**5.7.3****Varredura de Grupos de Conversação**

Esse recurso permite que o rádio monitore e participe de chamadas de grupos/canais definidos em Receber Lista de Grupos.

Quando a varredura está ativada, o rádio cancela o mudo de qualquer membro da lista de grupos de recepção.

Quando a varredura é desabilitada, o rádio não recebe transmissão de nenhum membro da lista de grupos de recepção, com exceção da Chamadas para todos, do Grupo de conversação permanente e do Grupo de conversação selecionado.

**5.7.3.1****Ativar ou Desativar a Varredura de Grupos de Conversação**

Siga o procedimento para ativar ou desativar a Varredura de Grupos de Conversação no rádio.

**1**

Pressione  para acessar o menu.

**2**

Pressione ▲ ou ▼ para Varredura. Pressione  para selecionar.

**3**

Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Ativar. Pressione  para selecionar.

- Pressione ▲ ou ▼ para Desativar. Pressione



para selecionar.

Se a varredura estiver ativada:

- O monitor exibirá o ícone Varredura Ativada e **Varredura**.
- O LED amarelo pisca.
- Um tom indicador positivo é emitido.

Se a varredura estiver desativada:

- O monitor exibirá Varredura Desativada.
- O ícone **Varredura** desaparecerá.
- O LED será desligado.
- Um tom indicador negativo é emitido.

#### 5.7.4

### Lista de grupos de recepção

Receber Lista de Grupos é um recurso que permite criar e atribuir membros na lista de varredura de grupos de conversação.

Essa lista é criada quando o rádio é programado e determina quais grupos podem ser verificados. O rádio pode suportar um máximo de 16 membros na lista.

Se o seu rádio foi programado para editar a lista de varredura, é possível:

- Adicionar/remover grupos de conversação.
- Adicionar, remover e/ou editar a prioridade de grupos de conversação. Consulte [Editar Prioridade para um Grupo de conversação na página 128](#) .
- Adicionar, remover e/ou editar grupos de conversação de afiliação. Consulte [Adicionar Afiliação de Grupo de Conversação na página 129](#) e [Remover Afiliação de Grupo de Conversação na página 130](#) .
- Substituir a lista de varredura existente por uma nova lista de varredura.

Se um grupo de conversação for programado como grupo de conversação permanente, você não poderá editar o grupo de conversação na lista de varredura.



#### **IMPORTANTE:**

Para adicionar um membro à lista, primeiro, o grupo de conversação deve ser configurado no rádio.



#### **OBSERVAÇÃO:**

O recurso Receber Lista de Grupos é programado pelo administrador do sistema. Obtenha mais informações com seu revendedor ou administrador do sistema.

#### 5.7.5

### **Monitor de prioridade**

O recurso Monitor de Prioridade permite que o rádio receba automaticamente a transmissão dos grupos de conversação com prioridade mais alta, mesmo quando o rádio está em uma chamada de grupo de conversação.

O rádio deixa a chamada do grupo de conversação de menor prioridade para a chamada do grupo de conversação de maior prioridade.



#### **OBSERVAÇÃO:**

Esse recurso só pode ser acessado quando o recurso Varredura de Grupos de Conversação está habilitado.

O recurso Monitor de Prioridade se aplica somente aos membros na Lista de Grupos de Recepção. Existem dois Grupos de Conversação com Prioridade: Prioridade 1 (P1) e Prioridade 2 (P2). P1 tem prioridade mais alta do que P2. No sistema Capacity Max, o rádio recebe a transmissão de acordo com a ordem de prioridade abaixo:

- 1 Chamada de Emergência para Grupo de Conversação P1
- 2 Chamada de Emergência para Grupo de Conversação P2
- 3 Chamada de emergência para Grupos de conversação não prioritários na Lista de grupos de recepção
- 4 Chamadas para todos
- 5 Chamada de Grupo de Conversação P1
- 6 Chamada de Grupo de Conversação P2
- 7 Grupos de Conversação Não-Prioritários na Lista de Grupos de Recepção

Consulte [Editar Prioridade para um Grupo de conversação na página 128](#) para obter mais informações sobre como



adicionar, remover e/ou editar a prioridade de grupos de conversação na lista de varredura.



#### OBSERVAÇÃO:

Esse recurso é programado pelo administrador do sistema. Obtenha mais informações com seu revendedor ou administrador do sistema.

#### 5.7.5.1

### Editar Prioridade para um Grupo de conversação

No Menu Varredura de Grupos de Conversação, é possível exibir ou editar a prioridade de um grupo de conversação.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Varredura. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Visualizar/Editar Lista. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para o grupo de conversação necessário. Pressione  para selecionar.

A prioridade atual é indicada por um ícone **Prioridade 1** ou **Prioridade 2** ao lado do grupo de conversação.

- 5 Pressione ▲ ou ▼ para Editar Prioridade. Pressione  para selecionar.

- 6 Pressione ▲ ou ▼ para o nível de prioridade solicitado. Pressione  para selecionar.  
Se outro grupo de conversação foi atribuído como Prioridade 1 ou Prioridade 2, você pode optar por substituir a prioridade atual. Quando o visor mostrar Substituir Existente?, pressione ▲ ou ▼ para as seguintes opções:
  - Não para retornar à etapa anterior.

- Sim para substituir.

O monitor exibirá uma mininota positiva antes de retornar para a tela anterior. O ícone de prioridade aparece ao lado do grupo de conversação.

### 5.7.6

## Afiliação de vários grupos de conversação

Seu rádio pode ser configurado para até sete grupos de conversação em um site.

Dos 16 grupos de conversação da lista de grupos de recepção, até sete grupos de conversação podem ser atribuídos como grupos de conversação de afiliação. O grupo de conversação selecionado e os grupos de conversação com prioridade são automaticamente afiliados.

### 5.7.6.1

## Adicionar Afiliação de Grupo de Conversação

Siga o procedimento para adicionar uma afiliação de grupo de conversação.

- 1 Pressione  para acessar o menu.
- 2 Pressione ▲ ou ▼ para Varredura. Pressione  para selecionar.
- 3 Pressione ▲ ou ▼ para Visualizar/Editar Lista. Pressione  para selecionar.
- 4 Pressione ▲ ou ▼ para o alias ou ID do grupo de conversação necessário. Pressione  para selecionar.  
O status de afiliação é exibido em Vis./Mod. Lista. O visor exibirá ■ ao lado do alias ou ID do grupo de conversação selecionado.
- 5 Pressione ▲ ou ▼ para Editar Afiliação. Pressione  para selecionar.
- 6 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Ligar. Pressione  para selecionar.
- Pressione ▲ ou ▼ para Desligar. Pressione  para selecionar.

Quando **Ligado** é selecionado,  aparece ao lado do alias ou ID do grupo de conversação.

Se a afiliação for bem-sucedida, o visor exibirá  ao lado do alias ou ID do grupo de conversação selecionado.

Se a afiliação não for bem-sucedida,  permanecerá ao lado do alias ou ID do grupo de conversação.



#### OBSERVAÇÃO:

O rádio exibe **Lista Completa** quando um máximo de sete grupos de conversação são selecionados para afiliação na lista de varredura. Para selecionar um novo grupo de conversação para afiliação, remova um grupo de conversação afiliado existente para abrir espaço à nova adição. Consulte [Remover Afiliação de Grupo de Conversação na página 130](#) para obter mais informações.

## Remover Afiliação de Grupo de Conversação

Quando a lista de afiliação estiver cheia e você quiser selecionar um novo grupo de conversação para afiliação, remova um grupo de conversação afiliado existente para abrir espaço à nova adição. Siga o procedimento para remover uma afiliação de grupo de conversação.

- 1 Pressione  para acessar o menu.
- 2 Pressione ▲ ou ▼ para Varredura. Pressione  para selecionar.
- 3 Pressione ▲ ou ▼ para Visualizar/Editar Lista. Pressione  para selecionar.
- 4 Pressione ▲ ou ▼ para o alias ou ID do grupo de conversação necessário. Pressione  para selecionar.

O status de afiliação é exibido em Vis./Mod. Lista. O visor exibirá ■ ao lado do alias ou ID do grupo de conversação selecionado.

5 Pressione ▲ ou ▼ para Editar Afiliação.

Pressione  para selecionar.

6 Pressione ▲ ou ▼ para Desligar. Pressione

 para selecionar.

Quando Desligado é selecionado, ■ desaparece do lado do alias ou ID do grupo de conversação.

### 5.7.7

## Talkback

A função Resposta permite responder a uma transmissão durante a verificação.

Se o rádio pesquisar uma chamada de uma lista de varredura de grupo selecionável e se o botão **PTT** for pressionado durante a chamada pesquisada, a operação do rádio dependerá de se a opção Resposta foi habilitada ou desabilitada durante a programação do rádio. Obtenha

mais informações com seu revendedor ou administrador do sistema.

### Resposta Desativada

O rádio sai da chamada pesquisada e tenta transmitir o contato para a posição de canal atualmente selecionada. Após o Tempo de Desconexão da Chamada do contato selecionado expirar, o rádio volta para o canal inicial e inicia o Temporizador de Tempo de Espera da Varredura. O rádio recomeça a varredura de grupo após o temporizador de Tempo de Espera da Varredura expirar.

### Resposta Ativada

Se o botão **PTT** for pressionado durante o Tempo de Desconexão de Grupo da chamada pesquisada, o rádio tentará transmitir para o grupo pesquisado.



### OBSERVAÇÃO:

Se for feita uma varredura para um grupo que não esteja atribuído a uma posição de canal na zona atualmente selecionada e a chamada for encerrada, altere para a zona apropriada e selecione a posição de canal do grupo para voltar a falar com o grupo.

### 5.7.8

## Bluetooth®

Esse recurso permite que você use o rádio com um dispositivo habilitado para Bluetooth (acessório) via uma conexão Bluetooth. Seu rádio oferece suporte a dispositivos habilitados para Bluetooth Motorola Solutions e COTS (Commercially available Off-The-Shelf, comercialmente disponível e pronto para uso).

O Bluetooth opera em uma faixa de 10 metros (32 pés) de distância. Esse é um caminho desobstruído entre o rádio e o dispositivo habilitado para Bluetooth. Para ter um alto grau de confiabilidade, a Motorola Solutions recomenda não separar o rádio e o acessório.

Nas áreas de recepção onde o sinal é fraco, a qualidade de voz e de som será afetada, ficando "distorcida" ou com interrupções. Para corrigir esse problema, aproxime o rádio e o dispositivo habilitado para Bluetooth (no alcance definido de 10 metros) para restabelecer uma recepção de áudio clara. A função Bluetooth do rádio tem uma potência máxima de 2,5 mW (4 dBm) dentro do alcance de 10 metros.

Seu rádio pode suportar até três conexões Bluetooth simultâneas com dispositivos habilitados para Bluetooth de tipos exclusivos. Por exemplo, um headset, um scanner,

um dispositivo com sensor e um POD (dispositivo somente para PTT).

Consulte o manual do usuário do respectivo dispositivo habilitado para Bluetooth para obter mais detalhes sobre todos os recursos do dispositivo habilitado para Bluetooth.

O rádio se conecta ao dispositivo habilitado para Bluetooth dentro do alcance com a maior intensidade de sinal ou com aquele ao qual estava conectado antes, em uma sessão anterior. Não desative o dispositivo habilitado para

Bluetooth ou pressione o botão de retorno à tela início  durante a operação de localização e conexão, pois isso cancelará a operação.

### 5.7.8.1

## Ativar e Desativar o Bluetooth

Siga o procedimento para ligar e desligar o Bluetooth.

1

Pressione  para acessar o menu.

2

Pressione  ou  para Bluetooth. Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Meu Status. Pressione  para selecionar.

O monitor exibe Ativado e Desativado. O status atual é indicado por ✓.

- 4 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Ligar. Pressione  para selecionar. O visor exibe ✓ ao lado de Ligado.
- Pressione ▲ ou ▼ para Desligar. Pressione  para selecionar. O visor exibe ✓ ao lado de Desligado.

### 5.7.8.2

## Conectar a Dispositivos Bluetooth

Siga o procedimento para conectar dispositivos Bluetooth.

Ligue o dispositivo habilitado para Bluetooth e coloque-o no modo de emparelhamento.

- 1 Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Bluetooth. Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Dispositivos. Pressione  para selecionar.

- 4 Executar uma das seguintes opções:

- Pressione ▲ ou ▼ para o dispositivo necessário. Pressione  para selecionar.
- Pressione ▲ ou ▼ para Localiz. dispos. para localizar os dispositivos disponíveis. Pressione ▲ ou ▼ para o dispositivo necessário. Pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para Conectar. Pressione  para selecionar.

O dispositivo habilitado para Bluetooth pode exigir etapas adicionais para concluir o emparelhamento. Consulte o manual do usuário do dispositivo compatível com Bluetooth.

O visor exibe Conectando a <Dispositivo>.

Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor exibe <Dispositivo> Conectado e o ícone de **Bluetooth Conectado**.
- O monitor exibirá ✓ ao lado do dispositivo conectado.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O monitor exibirá Falha de Conexão.

### 5.7.8.3

## Conectar a Dispositivos Bluetooth no Modo de Descoberta

Siga o procedimento para conectar dispositivos Bluetooth em modo detectável.

Ligue o dispositivo habilitado para Bluetooth e coloque-o no modo de emparelhamento.

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Bluetooth. Pressione  para selecionar.

3

Pressione ▲ ou ▼ para Encontre-me. Pressione  para selecionar. O rádio pode agora ser detectado por outros dispositivos habilitados para Bluetooth pelo tempo programado. Isso é chamado de Modo de Exibição.

Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor exibe <Dispositivo> Conectado e o ícone de **Bluetooth Conectado**.
- O monitor exibirá ✓ ao lado do dispositivo conectado.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O monitor exibirá Falha de Conexão.

## 5.7.8.4

## Desconectar de Dispositivos Bluetooth

Siga o procedimento para desconectar dispositivos Bluetooth.

- 1 Pressione  para acessar o menu.
- 2 Pressione ▲ ou ▼ para Bluetooth. Pressione  para selecionar.
- 3 Pressione ▲ ou ▼ para Dispositivos.  
Pressione  para selecionar.
- 4 Pressione ▲ ou ▼ para o dispositivo necessário.  
Pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para Desconectar. Pressione



para selecionar.

O monitor exibe Desconectando do <Dispositivo>.

Aguarde a confirmação.

- Um tom é emitido.
- O monitor exibe <Dispositivo> Desconectado e o ícone de **Bluetooth Conectado** desaparece.
- O ✓ ao lado do dispositivo conectado desaparece.

## 5.7.8.5

## Alternar a Rota de Áudio entre o Alto-Falante Interno do Rádio e o Dispositivo Bluetooth

Siga o procedimento para alternar a rota de áudio entre o alto-falante interno do rádio e o dispositivo Bluetooth externo.

Pressione o botão **Trocar Áudio BT** programado.

O visor exibe um dos seguintes resultados:



- Um tom é emitido. O visor exibe Rotear Áudio para Rádio.
- Um tom é emitido. O visor exibe Rotear Áudio para Bluetooth.

#### 5.7.8.6

### Visualizar de Detalhes de Dispositivos

Siga o procedimento visualizar os detalhes do dispositivo no rádio.

- 1 Pressione  para acessar o menu.
- 2 Pressione ▲ ou ▼ para Bluetooth. Pressione  para selecionar.
- 3 Pressione ▲ ou ▼ para Dispositivos. Pressione  para selecionar.
- 4 Pressione ▲ ou ▼ para o dispositivo necessário. Pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para Exibir Detalhes.

Pressione  para selecionar.

#### 5.7.8.7

### Editar Nome do Dispositivo

Siga o procedimento para editar o nome dos dispositivos Bluetooth disponíveis.

- 1 Pressione  para acessar o menu.
- 2 Pressione ▲ ou ▼ para Bluetooth. Pressione  para selecionar.
- 3 Pressione ▲ ou ▼ para Dispositivos. Pressione  para selecionar.
- 4 Pressione ▲ ou ▼ para o dispositivo necessário. Pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para Editar Nome. Pressione  para selecionar.

- 6 Digite um novo nome de dispositivo. Pressione  para selecionar.  
O monitor exibe <Nome Disp> Salvo.

#### 5.7.8.8

### Excluir Nome do Dispositivo

Você pode remover um dispositivo desconectado da lista de dispositivos habilitados para Bluetooth.

- 1 Pressione  para acessar o menu.
- 2 Pressione ▲ ou ▼ para Bluetooth. Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Dispositivos.  
Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para o dispositivo necessário.  
Pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para Excluir. Pressione  para selecionar. O monitor exibe Dispositivo Excluído.

#### 5.7.8.9

### Ajustar Configurações de Ganho do Microfone Bluetooth

Permite que o valor do controle de ganho de microfone em dispositivos compatíveis com Bluetooth.

- 1 Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Bluetooth. Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Ganho de Microfone Bluetooth. Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para o tipo de Ganho de Microfone Bluetooth e os valores atuais. Para editar os valores, pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para aumentar ou diminuir os valores. Pressione  para selecionar.

#### 5.7.8.10

### Modo Detectável via Bluetooth Permanente

O Modo de Descoberta de Bluetooth Permanente deve ser ativado pelo revendedor ou pelo administrador do sistema



#### OBSERVAÇÃO:

Se ativado, o Bluetooth **não** será exibido no Menu e não será possível usar nenhuma das funções de botões programáveis Bluetooth.

Outros dispositivos compatíveis com Bluetooth podem localizar o rádio, mas os dispositivos não podem se conectar ao rádio. O Modo de Descoberta de Bluetooth Permanente permite que os dispositivos dedicados usem a posição do rádio no processo de localização baseada em Bluetooth.

#### 5.7.9

### Localização Interna



#### OBSERVAÇÃO:

A função de Localização Interna é aplicável apenas a modelos com a última versão de software e hardware. Obtenha mais informações com seu revendedor ou administrador do sistema.

A Localização interna é usada para monitorar a localização dos usuários de rádio. Quando a Posição Interna é ativada, o rádio fica em um modo de descoberta limitado. Beacons dedicados são usados para localizar o rádio e determinar sua posição.

## 5.7.9.1

## Ativar ou Desativar a Localização Interna

Você pode ativar ou desativar a Localização Interna com as seguintes ações.

- Acesse este recurso por meio do menu.
  - a. Pressione  para acessar o menu.
  - b. Pressione ▲ ou ▼ para Bluetooth e pressione  para selecionar.
  - c. Pressione ▲ ou ▼ para Localização Interna e pressione  para selecionar.
  - d. Pressione  para ativar a Localização Interna.  
O monitor exibe Local. Inter. Ligado. Você ouve um tom indicador positivo.  
Um dos seguintes cenários irá acontecer.
    - Se bem-sucedida, o ícone de Localização Interna Disponível é exibido na tela Inicial.

- Se for malsucedida, o monitor exibirá Ativação Sem Êxito. Você ouvirá um tom indicador negativo.

- e. Pressione  para desativar a Localização Interna.

O monitor exibirá Local. Inter. Desligado. Você ouve um tom indicador positivo.  
Um dos seguintes cenários irá acontecer.

- Se bem-sucedida, o ícone de Localização Interna Disponível desaparece da exibição da tela inicial.
- Se for malsucedida, o monitor exibirá Desativação Sem Êxito. Você ouvirá um tom indicador negativo.

- Acesse esse recurso usando o botão programado.
  - a. Mantenha pressionado o botão programado **Local. Inter.** para ativar a Localização Interna.  
O monitor exibe Local. Inter. Ligado. Você ouve um tom indicador positivo.  
Um dos seguintes cenários irá acontecer.

- Se bem-sucedida, o ícone de Localização Interna Disponível é exibido na tela Inicial.
- Se for malsucedida, o monitor exibirá Ativação Sem Êxito. Se malsucedida, um tom indicador negativo é emitido.

- b. Pressione o botão programado **Local. Inter.** para desativar a Localização Interna.

O monitor exibirá Local. Inter. Desligado. Você ouve um tom indicador positivo. Um dos seguintes cenários irá acontecer.

- Se bem-sucedida, o ícone de Localização Interna Disponível desaparece da exibição da tela inicial.
- Se for malsucedida, o monitor exibirá Desativação Sem Êxito. Se malsucedida, um tom indicador negativo é emitido.

## Acessar Informações de Beacons de Localização Interna

Siga o procedimento para acessar informações de sinais de Localização Interna.

- 1 Pressione  para acessar o menu.
- 2 Pressione ▲ ou ▼ para Bluetooth e pressione  para selecionar.
- 3 Pressione ▲ ou ▼ para Localização Interna e pressione  para selecionar.
- 4 Pressione ▲ ou ▼ para Beacons e pressione  para selecionar.

O visor exibe as informações dos beacons.

## 5.7.10

## Tíquetes de trabalho

Esse recurso permite que o rádio receba mensagens do despachador listando tarefas a serem realizadas.



### OBSERVAÇÃO:

Esse recurso pode ser personalizado por meio do CPS (Customer Programming Software, software de programação de cliente) de acordo com os requisitos do usuário. Obtenha mais informações com seu revendedor ou administrador do sistema.

Há duas pastas que contêm Tíquetes de Trabalho diferentes:

#### Pasta Minhas Tarefas

Tíquetes de Trabalho personalizados atribuídos ao seu ID do utilizador conectado.

#### Pasta Tarefas Compartilhadas

Tíquetes de Trabalho compartilhados atribuídos a um grupo de indivíduos.

Você pode responder a Instruções de Tarefa para classificá-las em Pastas de Tíquetes de Tarefa. Por padrão, as pastas são **Tudo**, **Novo**, **Iniciado** e **Concluído**.

Os Tíquetes de trabalho são mantidos mesmo depois que o rádio for desligado e ligado novamente.

Todos os Tíquetes de Trabalho estão localizados na pasta **Tudo**. Dependendo da maneira como seu rádio é programado, os Tíquetes de Trabalho são classificados por nível de prioridade, seguido pela hora em que foram recebidos. Novos Tíquetes de Trabalho, Tíquetes de Trabalho com mudanças recentes de estado e Tíquetes de Trabalho com a maior prioridade são listados em primeiro lugar.

Ao atingir o número máximo de Instruções de Tarefa, a próxima Instrução de Tarefa substitui automaticamente a última Instrução de Tarefa em seu rádio. Seu rádio tem suporte para um máximo de 100 ou 500 Tíquetes de Trabalho, dependendo do modelo do rádio. Obtenha mais informações com seu revendedor ou administrador do sistema. O rádio detecta automaticamente e descarta Tíquetes de Trabalho duplicados com o mesmo ID de Tíquete de Trabalho.

Dependendo da importância dos Tíquetes de Trabalho, o despachador adiciona um Nível de Prioridade a eles. Há três níveis de prioridade: Prioridade 1, Prioridade 2 e Prioridade 3. A Prioridade 1 tem a maior prioridade, enquanto a Prioridade 3 tem a menor. Também há Tíquetes de Trabalho sem prioridade.

O rádio é atualizado conforme necessário quando o despachador faz as seguintes mudanças:

- Modificar conteúdo dos Tíquetes de Trabalho.
- Adicionar ou editar Nível de Prioridade dos Tíquetes de Trabalho.
- Mover os Tíquetes de Trabalho de pasta para pasta.
- Cancelar Tíquetes de Trabalho.

### 5.7.10.1

## Acessar a Pasta de Tíquete de Tarefa

Siga o procedimento para acessar a Pasta de Tíquetes de Trabalho.

- 1 Execute uma das seguintes opções:
  - Pressione o botão programado **Tíquete de Tarefa**. Vá para [etapa 3](#).
  - Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Tíqs. Trabalho.  
Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para a pasta necessária.

Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ o para o Tíquete de Tarefa necessário. Pressione  para selecionar.

### 5.7.10.2

## Fazer Login ou Logout do Servidor Remoto

Esse recurso permite fazer login e logout do servidor remoto usando o ID do utilizador.

- 1 Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Login. Pressione  para selecionar.

Se você já estiver conectado, o menu exibirá Logout.

O visor exibirá mininotas passageiras, indicando que a solicitação está em andamento.

### 3 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor exibirá uma mininota negativa.

#### 5.7.10.3

### Criar Tíquetes de Tarefa

O rádio é capaz de criar Tíquetes de Trabalho, que são baseadas em um modelo de Tíquete de Trabalho e enviam as tarefas que precisam ser executadas.

O software de programação CPS é necessário para configurar o modelo de Tíquete de Trabalho.

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Tíquetes de Trabalho.

Pressione  para selecionar.

3

Pressione ▲ ou ▼ para Abrir Ticket.

Pressione  para selecionar.

#### 5.7.10.4

### Enviar a Tíquetes de Tarefa Usando Um Modelo de Tíquete de Tarefa

Se o seu rádio estiver configurado com um modelo de Tíquete de Trabalho, execute as seguintes ações para enviar o Tíquete de Trabalho.

1

Use o teclado para digitar o número da sala desejada. Pressione  para selecionar.



- 2 Pressione ▲ ou ▼ para Status da Sala.

Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para a opção necessária.

Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Enviar. Pressione  para selecionar.

O visor exibirá mininotas passageiras, indicando que a solicitação está em andamento.

- 5 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor exibirá uma mininota negativa.

#### 5.7.10.5

### Enviar a Tíquetes de Tarefa Usando Mais de Um Modelo de Tíquete de Tarefa

Se o seu rádio estiver configurado com mais de um modelo de Tíquete de Trabalho, execute as seguintes ações para enviar os Tíquetes de Trabalho.

- 1 Pressione ▲ ou ▼ para a opção necessária.

Pressione  para selecionar.

- 2 Pressione ▲ ou ▼ para Enviar. Pressione  para selecionar.

O visor exibirá mininotas passageiras, indicando que a solicitação está em andamento.

- 3 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor exibirá uma mininota negativa.

#### 5.7.10.6

### Responder a Tíquetes de Tarefa

Siga o procedimento para responder aos Tíquetes de Trabalho em seu rádio.

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Tíquetes de Trabalho.

Pressione  para selecionar.

3

Pressione ▲ ou ▼ para a pasta necessária.

Pressione  para selecionar.

4

Pressione ▲ ou ▼ para o tíquete de trabalho necessário. Pressione  para selecionar.

5

Pressione  mais uma vez para acessar o submenu.

Você também pode pressionar a tecla numérica correspondente (1 a 9) para **Resp. Rápida**.

6

Pressione ▲ ou ▼ para o tíquete de trabalho

necessário. Pressione  para selecionar.

O visor exibirá mininotas passageiras, indicando que a solicitação está em andamento.

7

Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor exibirá uma mininota negativa.

## 5.7.10.7

**Excluir Tiquetes de Tarefa**

Siga o procedimento para excluir tiquetes de trabalho no rádio.

1 Execute uma das seguintes opções:

- Pressione o botão programado **Tiquete de Tarefa**. Vá para [etapa 4](#)
- Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Tiquetes de Trabalho.  
Pressione  para selecionar.

3 Pressione ▲ ou ▼ para a pasta necessária.  
Pressione  para selecionar.

4 Pressione ▲ ou ▼ para a pasta Todos. Pressione  para selecionar.

5 Pressione ▲ ou ▼ para o Tiquete de Trabalho necessário. Pressione  para selecionar.

6 Pressione  novamente ao visualizar o Tiquete de Trabalho.

7 Pressione ▲ ou ▼ para Excluir. Pressione  para selecionar.  
O visor exibirá mininotas passageiras, indicando que a solicitação está em andamento.

8 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor exibirá uma mininota negativa.

## 5.7.10.8

## Excluir Todos os Tíquetes de Tarefa

Siga o procedimento para excluir todos os tíquetes de trabalho no rádio.

1 Execute uma das seguintes opções:

- Pressione o botão programado **Tíquete de Tarefa**. Vá para [etapa 3](#).
- Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Tíquetes de Trabalho.

Pressione  para selecionar.

3 Pressione ▲ ou ▼ para a pasta necessária.

Pressione  para selecionar.

4 Pressione ▲ ou ▼ para a pasta Todos. Pressione

 para selecionar.

5 Pressione ▲ ou ▼ para Excluir Tudo.

Pressione  para selecionar.

6 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Sim. Pressione  para selecionar.  
O visor mostra uma mininota positiva.
- Pressione ▲ ou ▼ para Não. Pressione  para selecionar.  
O rádio retorna à tela anterior.

## 5.7.11

## Controles de Vários Sites

Esses recursos são aplicáveis quando o canal de rádio atual está configurado para um sistema Capacity Max.

## 5.7.11.1

### Ativar pesquisa manual de site

1 Execute uma das seguintes ações:

- Pressione o botão programado **Roaming de Site Manual**. Pule as etapas a seguir.

- Pressione  para acessar o menu.

- 
- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

- 
- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

- 
- 4 Pressione ▲ ou ▼ para Roaming de site. Pressione  para selecionar.

- 
- 5 Pressione ▲ ou ▼ para Pesquisa ativa.

Pressione  para selecionar.

Um tom é emitido. O LED verde pisca. O monitor exibe Localizando Site.

- Um tom positivo é emitido.
- O LED apaga-se.
- O monitor exibe Alias do Site Encontrado.

Se o rádio não conseguir encontrar um novo site, o seu rádio mostra as seguintes indicações:

- Um tom negativo é emitido.
- O LED apaga-se.
- O monitor exibe Fora de Alcance.

Se um site novo estiver dentro do alcance, mas se o rádio não conseguir se conectar a ele, o rádio mostrará as seguintes indicações:

- Um tom negativo é emitido.
- O LED será desligado.
- O monitor exibe Canal Ocupado.

---

Se o rádio encontra um site novo, seu rádio mostra as seguintes indicações:

## 5.7.11.2

## Ativar/Desativar Bloqueio de Site

Quando ativado, o rádio pesquisa apenas o site atual.  
Quando desativado, o rádio pesquisa outros sites além do site atual.

Pressione o botão programado **Bloq. do Site**.

Se a função **Bloqueio de Site** estiver ativada:

- Será emitido um tom indicador positivo, indicando que o rádio bloqueou o site atual.
- O monitor exibe Site bloqueado.

Se a função **Bloqueio de Site** estiver desativada:

- Será emitido um tom indicador negativo, indicando que o rádio está desbloqueado.
- O monitor exibe Site desbloqueado.

## 5.7.11.3

## Acessar Lista de Sites Vizinhos

Essa função permite que o usuário verifique a lista de sites adjacentes do site inicial atual. Siga o procedimento para acessar a Lista de Sites Vizinhos

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

3

Pressione ▲ ou ▼ para Info do Rádio.  
Pressione  para selecionar.

4

Pressione ▲ ou ▼ para Sites Vizinhos.  
Pressione  para selecionar.

## 5.7.12

## Lembrete do Canal Inicial

Esse recurso oferece um lembrete quando o rádio não está definido para Canal inicial por um determinado período.

Se o recurso for ativado, quando o rádio não está definido para o canal inicial por um determinado período, ocorre periodicamente o seguinte:

- O tom de Lembrete do Canal inicial e anúncio são emitidos.

- O visor mostra Canal não inicial.

#### 5.7.12.1

### Silenciar o Lembrete do Canal Inicial

Quando o som de Lembrete do Canal Inicial é emitido, você pode silenciar temporariamente o lembrete.

Pressione o botão programável **Silenciar lembrete do canal inicial**.

O visor mostra HCR bloqueado.

#### 5.7.12.2

### Definir um Novo Canal Inicial

Quando ocorre o Lembrete do Canal Inicial, você pode definir um novo canal inicial.

- 1 Execute uma das seguintes opções:
  - Pressione o botão programável **Redefinir Canal Inicial** para definir o canal atual como o novo Canal Inicial. Pule as etapas a seguir. A primeira linha do visor mostra o alias do canal e a segunda linha mostra Novo Canal Inicial

- Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Canal Inicial. Pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para o alias desejado do novo canal inicial. Pressione  para selecionar. O monitor mostra ✓ ao lado do alias do canal inicial.

#### 5.7.13

### Monitor Remoto

Essa função é usada para ativar o microfone de um rádio de destino com um alias ou ID de rádio. Você pode usar

esta função para monitorar, remotamente, qualquer atividade audível ao redor do rádio de destino.

O seu rádio e o rádio de destino deverão ser programados para permitir que você use essa função.

Se iniciado, o LED verde piscará uma vez no rádio de destino. O Monitor Remoto é interrompido automaticamente após uma duração programada ou quando não há operação do usuário no rádio de destino.

#### 5.7.13.1

### Iniciar o Monitor Remoto

Siga o procedimento para iniciar o Monitor Remoto do rádio.

1 Pressione o botão programado **Monitor Remoto**.

2 Pressione ▲ ou ▼ para o alias ou ID do rádio,

conforme solicitado. Pressione  para selecionar.

O visor exibirá mininotas passageiras, indicando que a solicitação está em andamento. O LED verde acende.

3 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.
- O rádio começará a tocar o áudio do rádio monitorado por uma duração programada e o monitor exibirá Monitor Rmt. Quando o temporizador expira, o rádio emite um tom de alerta e o LED apaga.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor exibirá uma mininota negativa.

#### 5.7.13.2

### Iniciar Monitor Remoto Usando a Lista de Contatos

Siga o procedimento para iniciar o Monitor Remoto no rádio usando a lista de Contatos.



- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Monitor Remoto.  
Pressione  para selecionar.  
O visor exibirá mininotas passageiras, indicando que a solicitação está em andamento. O LED verde acende.

---

- 5 Aguarde a confirmação.  
Se bem-sucedida:
  - Um tom indicador positivo é emitido.
  - O visor mostra uma mininota positiva.

- O rádio começará a tocar áudio do rádio monitorado por uma duração programada e o visor exibirá Rem. Remoto. Quando o temporizador expira, o rádio emite um tom de alerta, e o LED apaga.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor exibirá uma mininota negativa.

### 5.7.13.3

## Iniciar Monitores Remotos Usando a Discagem Manual

Siga o procedimento para iniciar o Monitor Remoto no rádio usando a discagem manual.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Discagem Manual.

Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Número do Rádio.

Pressione  para selecionar.

---

5 Execute uma das seguintes opções:

- Digite o alias ou ID do rádio e pressione  para continuar.
  - Edite o ID do rádio anteriormente digitada e pressione  para continuar.
- 

6 Pressione ▲ ou ▼ para Monitor Remoto.

Pressione  para selecionar.

O visor exibirá mininotas passageiras, indicando que a solicitação está em andamento. O LED verde acende.

---

7 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.
- O rádio começará a tocar o áudio do rádio monitorado por uma duração programada e o monitor exibirá Monitor Rmt. Quando o temporizador expira, o rádio emite um tom de alerta, e o LED apaga.

Se malsucedida:

- Um tom indicador negativo é emitido.
  - O visor exibirá uma mininota negativa.
- 

#### 5.7.14

### Configurações de Contatos

Contatos fornece recursos de agenda ao seu rádio. Cada entrada corresponde a um nome ou ID usado para iniciar uma chamada. As entradas estão em ordem alfabética.

Cada entrada, dependendo do contexto, é associada a um tipo de chamada diferente: Group Call, Chamada Privativa, Chamada de Transmissão, All Call do Site, All Call Entre

Múltiplos Sites, Chamada de PC ou Chamada de Despacho.

Chamada de PC e Chamada de Despacho são relacionadas a dados. Elas estão disponíveis apenas com os aplicativos. Consulte a documentação dos aplicativos de dados para obter mais detalhes.

O menu Contatos permite atribuir cada entrada a uma ou mais teclas numéricas programáveis em um microfone do teclado. Se uma entrada for atribuída a uma tecla numérica, o rádio poderá executar uma discagem rápida na entrada.



### **OBSERVAÇÃO:**

Você verá uma marca de seleção antes de cada tecla numérica que está atribuída a uma entrada. Se a marca de seleção for antes de **Vazio**, você não atribuiu uma tecla numérica à entrada.

Cada entrada dos Contatos exibe as seguintes informações:

- Tipo de chamada
- Alias da chamada
- ID da chamada



### **OBSERVAÇÃO:**

Se a função Privacidade estiver habilitada em um canal, você poderá fazer Group Calls, Chamadas Privadas e Chamadas para Todos e Chamadas Telefônicas com privacidade no canal. Apenas rádios de destino com a mesma Chave de privacidade ou o mesmo Valor de chave e ID de chave que o rádio podem descriptografar a transmissão.

#### 5.7.14.1

### **Atribuir Entradas para Teclas Numéricas Programáveis**

Siga o procedimento para atribuir entradas para teclas numéricas programáveis no rádio.

1

Pressione  para acessar o menu.

2

Pressione  ou  para **Contatos**. Pressione  para selecionar.

3 Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar.

4 Pressione ▲ ou ▼ para Tecla do Programa. Pressione  para selecionar.

5 Execute uma das seguintes opções:

- Se a tecla numérica desejada não tiver sido atribuída a uma entrada, pressione ▲ ou ▼ para a tecla numérica desejada. Pressione  para selecionar.
- Se a tecla numérica desejada tiver sido atribuída a uma entrada, o monitor exibirá A Tecla já foi Designada e, em seguida, a primeira linha de texto exibirá Substituir?. Execute uma das seguintes opções:

Pressione ▲ ou ▼ para Sim. Pressione  para selecionar.

O rádio emitirá um tom indicador positivo e o monitor exibirá Contato Salvo e uma mininota positiva.

Pressione ▲ ou ▼ para Não para retornar à etapa anterior.

#### 5.7.14.2

### Remover Associações entre Entradas e Teclas Numéricas Programáveis

Siga o procedimento para remover associações entre entradas e teclas numéricas programáveis no rádio.

1 Execute uma das seguintes opções:

- Pressione e mantenha pressionado a tecla numérica programada para o alias ou ID de rádio necessário. Vá para [etapa 4](#).

- Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.

3 Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Tecla do Programa.

Pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para Vazio. Pressione  para selecionar.

A primeira linha de texto exibirá Livre de todas as teclas.

---

- 6 Pressione ▲ ou ▼ para Sim. Pressione  para selecionar.



**OBSERVAÇÃO:**

Quando a entrada é excluída, a associação entre a entrada e sua tecla numérica programada é removida.

Um tom indicador positivo é emitido. O visor mostra Contato Salvo.

A tela volta automaticamente para o menu anterior.

---

## Adicionar Novos Contatos

Siga o procedimento para adicionar novos contatos no rádio.

- 1 Pressione  para acessar o menu.
- 

- 2 Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.
- 

- 3 Pressione ▲ ou ▼ para Novo Contato. Pressione  para selecionar.
- 

- 4 Pressione ▲ ou ▼ para o tipo de contato Contato rádio ou Contato telef. Pressione  para selecionar.
- 

- 5 Insira o telefone de contato com o teclado e pressione  para continuar.
-

- 6 Insira o nome do contato com o teclado e pressione



para continuar.

- 7 Pressione ▲ ou ▼ para o tipo de toque

pretendido. Pressione  para selecionar.

Um tom indicador positivo é emitido. O visor mostra uma mininota positiva.

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione



para selecionar.

- 3 Pressione ▲ ou ▼ para Configurações do

rádio. Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Tons/Alertas.

Pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para Campanhas de

Chamada. Pressione  para selecionar.

- 6 Pressione ▲ ou ▼ para Chamada Privada.

Pressione  para selecionar.

- 7 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para o tom necessário.

Pressione  para selecionar.

O visor exibirá ✓ e o tom selecionado.

### 5.7.15

## Configurações de Indicador de Chamadas

Esse recurso permite configurar os tons de toques de ligações ou de mensagens de texto.

### 5.7.15.1

## Ativar ou Desativar Campanhas para Chamadas Privadas

1

Pressione  para acessar o menu.

- Pressione ▲ ou ▼ para Desligar. Pressione



para selecionar.

Se os tons da campainha foram anteriormente ativados, o visor exibirá ✓ ao lado de Desligado.

Se os tons da campainha foram anteriormente desativados, o visor exibirá ✓ ao lado de Desligado.

### 5.7.15.2

## Ativar ou Desativar Campanhas para Mensagens de Texto

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Utilitários. Pressione



para selecionar.

3

Pressione ▲ ou ▼ para Configurações do

rádio. Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Tons/Alertas.

Pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para Campanhas de

Chamada. Pressione  para selecionar.

- 6 Pressione ▲ ou ▼ para Mensagem de Texto.

Pressione  para selecionar.

O monitor exibirá ✓ e o tom atual.

- 7 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para o tom necessário.

Pressione  para selecionar.

O visor exibirá ✓ e o tom selecionado.

- Pressione ▲ ou ▼ para Desligar. Pressione



para selecionar.

Se os tons da campainha foram anteriormente ativados, o visor exibirá ✓ ao lado de Desligado.

Se os tons da campainha foram anteriormente desativados, o visor exibirá ✓ ao lado de Desligado.

## 5.7.15.3

## Ativar ou Desativar Campanhas para Alertas de Chamada

- 1 Pressione  para acessar o menu.
- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.
- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.
- 4 Pressione ▲ ou ▼ para Tons/Alertas. Pressione  para selecionar.

5 Pressione ▲ ou ▼ para Campanhas de Chamada. Pressione  para selecionar.

6 Pressione ▲ ou ▼ para Alerta Cham.. Pressione  para selecionar.

7 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para o tom necessário.

Pressione  para selecionar.  
O visor exibirá ✓ e o tom selecionado.

- Pressione ▲ ou ▼ para Desligar. Pressione  para selecionar.

Se os tons da campainha foram anteriormente ativados, o visor exibirá ✓ ao lado de Desligado.

Se os tons da campainha foram anteriormente desativados, o visor exibirá ✓ ao lado de Desligado.



## 5.7.15.4

## Ativar ou Desativar Campanhas para o Status Telemetria com Texto

Siga o procedimento para ativar ou desativar campanhas de chamada para status de telemetria com texto no rádio.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Configurações de Rádio. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Tons/Alertas. Pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para Campanhas de Chamada. Pressione  para selecionar.

---

- 6 Pressione ▲ ou ▼ para Telemetria. Pressione



para selecionar.

O tom atual é indicado por um ✓.

- 7 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para o tom desejado.



Pressione para selecionar.

O visor exibe Tom <Número> Selecionado e um ✓ é exibido à esquerda do tom selecionado.

- Pressione ▲ ou ▼ para Desativar. Pressione



para selecionar.

O visor exibe Telemetria Desativada e um ✓ é exibido à esquerda de Desativar.

## 5.7.15.5

## Atribuir Estilos de Toque

O rádio pode ser programado para emitir um dos 11 toques predefinidos quando receber uma Chamada Privada, um Alerta de Chamada ou uma Mensagem de Texto de um

contato específico. O rádio toca cada estilo de toque conforme você navega pela lista.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.  
As entradas estão em ordem alfabética.

---

- 3 Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Exibir/Editar.  
Pressione  para selecionar.

---

- 5 Pressione  até que o visor exiba o menu de Toques  
Um ✓ indica o tom atualmente selecionado.

---

- 6 Pressione ▲ ou ▼ para o tom necessário.

Pressione  para selecionar.

O visor mostra uma mininota positiva.

#### 5.7.15.6

### Selecionar um Tipo de Toque de Alerta



#### OBSERVAÇÃO:

O botão programado **Tipo de Toque de Alerta** é atribuído pelo revendedor ou administrador do sistema. Verifique com seu fornecedor ou administrador do sistema como seu rádio foi programado.

Você pode programar as chamadas de rádio para uma chamada de vibração predeterminada. Se o status Todos os Tons estiver desabilitado, o rádio exibirá o ícone Todos os Tons Mudos. Se o status Todos os Tons estiver habilitado, o alerta do tipo campanha relacionado será exibido.

O rádio vibra uma vez se for um estilo de toque momentâneo. O rádio vibra repetidamente se for um estilo de toque repetitivo. Quando configurado para Tocar e Vibrar, o rádio toca uma determinada campanha sempre

que existe uma entrada de transação de rádio (por exemplo, Alerta de Chamada ou Mensagem). Ele soa como um tom indicador positivo ou de chamada perdida.

Para rádios com baterias que oferecem suporte para o recurso de vibração e que são fixados a um clipe vibratório de cinto, as opções de Tipo de Toque de Alerta são Silencioso, Tocar, Vibrar, Tocar e Vibrar.

Para rádios com baterias que não oferecem suporte para o recurso de vibração e que não são fixados a um clipe vibratório de cinto, o Tipo de Toque de Alerta é automaticamente definido como Tocar. As opções de Alerta de Tipo de Campanha disponíveis são Silencioso e Campanha.

Você pode selecionar um Tipo de Toque de Alerta ao realizar uma das ações a seguir.

- Pressione o botão programado **Alerta de Tipo de Campanha** para acessar o menu do Alerta de Tipo de Campanha.
  - a. Pressione ▲ ou ▼ para Tocar, Vibrar, Tocar e Vibrar ou Silencioso e pressione  para selecionar.
- Acesse este recurso por meio do menu.

- a. Pressione  para acessar o menu.
- b. Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.
- c. Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.
- d. Pressione ▲ ou ▼ para Tons/Alertas e pressione  para selecionar.
- e. Pressione ▲ ou ▼ para Tipo de Camp. e pressione  para selecionar.
- f. Pressione ▲ ou ▼ para Tocar, Vibrar, Tocar e Vibrar ou Silencioso e pressione  para selecionar.

## 5.7.15.7

## Configurar Estilo de Vibração

**OBSERVAÇÃO:**

O botão programado **Estilo Vibração** é atribuído pelo revendedor ou administrador do sistema. Verifique com seu fornecedor ou administrador do sistema como seu rádio foi programado.

O Estilo de Vibração é ativado quando o Clipe Vibratório de Cinto é encaixado no rádio com uma bateria que oferece suporte para a função de vibração.

Você pode configurar o estilo de vibração realizando as ações a seguir.

- Pressione o botão programado **Estilo de Vibração** para acessar o menu Estilo de Vibração.

a. Pressione ▲ ou ▼ para Curto, Médio ou

Longo e pressione  para selecionar.

- Acessa este recurso por meio do menu.

a. Pressione  para acessar o menu.

b. Pressione ▲ ou ▼ para Utilitários e

pressione  para selecionar.

c. Pressione ▲ ou ▼ para Conf. do Rádio e

pressione  para selecionar.

d. Pressione ▲ ou ▼ para Tons/Alertas e

pressione  para selecionar.

e. Pressione ▲ ou ▼ para Modo Vibração e

pressione  para selecionar.

f. Pressione ▲ ou ▼ para Curto, Médio ou

Longo e pressione  para selecionar.

## 5.7.15.8

## Aumentar Volume do Tom de Alarme

O rádio pode ser programado para alertá-lo continuamente enquanto uma chamada de rádio permanecer sem resposta. Isso é feito por meio do aumento automático do volume do tom de alarme com o tempo. Essa função é

conhecida por Tom de Alerta Progressivo. Siga o procedimento para aumentar o tom de alerta do rádio.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Tons/Alertas. Pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para Tom de Alerta Progressivo.

---

- 6 Pressione  para ativar OU desativar o Tom de Alerta Progressivo. Se ativado, ✓ será exibido ao lado de Ativado. Se desativado, o ✓ desaparece do lado de Ativado.

## 5.7.16

### Recursos de Registro de Chamadas

O rádio mantém registro de todas as Chamadas Privativas recentes feitas, atendidas e perdidas. Use a função de registro de chamadas para exibir e gerenciar chamadas recentes.

Alertas de Chamada perdidas podem ser incluídos nos registros de chamadas, dependendo da configuração do sistema do rádio. Você pode executar as seguintes tarefas em cada uma das listas de chamada:

- Armazenar Alias ou ID em Contatos
- Excluir Chamada
- Exibir Detalhes

## 5.7.16.1

### Exibir as Últimas Chamadas

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Registro de Chamadas. Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para a lista desejada. As opções são listas de Perdidas, Respondidas e Enviadas.

Pressione  para selecionar.

O visor exibe a entrada mais recente.

- 4 Pressione ▲ ou ▼ para exibir a lista.

Você pode iniciar uma chamada com o ID ou o alias atualmente mostrado no visor pressionando o botão **PTT**.

#### 5.7.16.2

### Armazenar Aliases ou IDs da Lista de Chamadas

Siga o procedimento para armazenar aliases ou IDs do seu rádio da lista de chamadas.

- 1 Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Registro de Chamadas. Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para a lista solicitada. Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para Armazenar. Pressione  para selecionar. O visor mostrará um cursor intermitente.

- 6 Insira o restante dos caracteres do alias necessário. Pressione  para selecionar. Você também pode armazenar um ID sem um alias. O visor mostra uma mininota positiva.

## 5.7.16.3

## Excluir Chamadas em uma Lista de Chamadas

Siga o procedimento para excluir chamadas da lista de Chamadas no rádio.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Registro de Chamadas.  
Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para a lista solicitada.  
Pressione  para selecionar.  
Se a lista estiver vazia:
  - Um tom é emitido.
  - O visor exibirá Lista Vazia.

- 4 Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para Excluir Entrada?  
Pressione  para selecionar.

- 6 Execute uma das seguintes opções:

- Pressione  para selecionar Sim para excluir a entrada.  
O monitor exibe Entrada Excluída.
- Pressione ▲ ou ▼ para Não. Pressione  para selecionar.  
O rádio retorna à tela anterior.

## 5.7.16.4

## Exibir Detalhes de uma Lista de Chamadas

Siga o procedimento para visualizar os detalhes da lista de chamadas no rádio.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Registro de Chamadas.  
Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para a lista solicitada.  
Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para o alias ou ID do rádio,  
conforme solicitado. Pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para Exibir Detalhes.  
Pressione  para selecionar.  
O visor exibirá os detalhes.

---

## Operação de Alerta de Chamada

A página Alerta de Chamada permite que você alerte um usuário de rádio específico para retornar sua chamada quando puder.

Esse recurso é aplicável apenas a aliases ou IDs de rádio e pode ser acessada pelo menu por meio de Contatos, discagem manual ou um botão programado **Acesso de Um Toque**.

No Capacity Max, a função Alerta de Chamada permite que um usuário de rádio ou despachador envie um alerta para outro usuário de rádio para que ele responda ao usuário do rádio destinatário quando estiver disponível. Não há comunicação de voz envolvida nessa função.

A Operação de Alerta de Chamada pode ser configurada pelo revendedor ou administrador do sistema de duas maneiras:

- O rádio é configurado para permitir que você pressione o botão **PTT** para responder diretamente ao iniciador da chamada fazendo uma chamada privativa.
- O rádio é configurado para permitir que você pressione o botão **PTT** e continue com outras comunicações de Grupo de conversação. Pressionar o botão **PTT** na entrada do alerta de chamada não permitirá que o usuário responda ao iniciador da chamada. O usuário



deve navegar até a opção Registro de Chamadas Perdidas no menu de Registro de Chamadas e responder ao Alerta de Chamada de lá.

Uma chamada privada OACSU (Off Air Call Set-Up, configuração de chamada fora do ar) permite que o usuário responda imediatamente, enquanto uma chamada privada FOACSU (Full Off Air Call Set Up, configuração completa de chamada fora do ar) exige que o usuário confirme a chamada. Portanto, as chamadas do tipo OACSU são as recomendadas para serem usadas no recurso de Alerta de chamada. Consulte [Chamada Privada na página 98](#).

#### 5.7.17.1

### Criar Alertas de Chamada

Siga o procedimento para criar Alertas de Chamada no rádio.

- 1 Pressione o botão **Acesso com um toque** programado.

O visor mostra *Alerta de Chamada* e o alias ou a ID do rádio. O LED verde acende.

---

- 2 Aguarde a confirmação.

Se a confirmação de Alerta de Chamada for recebida, o visor exibirá uma mininota positiva.

Se a confirmação de Alerta de Chamada não for recebida, o visor exibirá uma mininota negativa.

---

#### 5.7.17.2

### Criar Alertas de Chamada Usando a Lista de Contatos

- 1 Pressione  para acessar o menu.
- 
- 2 Pressione  ou  para Contatos. Pressione  para selecionar.
- 
- 3 Execute uma das seguintes opções:
    - Selecione o nome ou ID do rádio diretamente

Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar.

- Use o menu Discagem Manual

Pressione ▲ ou ▼ para Discagem Manual.

Pressione  para selecionar.

Pressione ▲ ou ▼ para Número do Rádio.

Pressione  para selecionar.

O monitor exibirá Número do Rádio: e um cursor intermitente. Digite o ID do rádio com

quem deseja falar. Pressione  para selecionar.

- 
- 4 Pressione ▲ ou ▼ para Alerta Cham..

Pressione  para selecionar.

O visor exibirá Alerta de Chamada e o ID ou o alias do rádio. O LED verde acende.

---

- 5 Aguarde a confirmação.

- Se a confirmação for recebida, o visor exibirá uma mininota positiva.
  - Se a confirmação não for recebida, o visor exibirá uma mininota negativa.
- 

### 5.7.17.3

## Responder a Alertas de Chamada

Ao receber um Alerta de chamada:

- Um tom repetitivo é emitido.
- O LED amarelo pisca.
- O visor exibirá a lista de notificações com um Alerta de Chamada com o alias ou ID do rádio transmissor.

Dependendo da configuração feita pelo revendedor ou o programador de sistema, você pode responder a um Alerta de Chamada com um dos seguintes procedimentos:

- Pressione o botão **PTT** e responda à Chamada Privativa diretamente para o chamador.

- Pressione o botão **PTT** para continuar com a comunicação normal com o grupo de conversação.  
O Alerta de Chamada é movido para o Registro de Chamadas Perdidas no menu de Registro de Chamadas. Você pode responder ao chamador pelo registro de Chamadas Perdidas.

Consulte [Lista de Notificações na página 223](#) e [Recursos de Registro de Chamadas na página 164](#) para obter mais informações.

#### 5.7.18

### Alias dinâmico do chamador

Este recurso permite editar um alias do chamador de forma dinâmica no painel frontal do rádio.

Quando estiver em uma chamada, o rádio receptor exibirá o alias do chamador do rádio transmissor.

A lista de aliases do chamador pode armazenar até 500 aliases do chamador do rádio transmissor. Você pode exibir ou fazer chamadas privadas pela lista de aliases do chamador. Quando você desliga o rádio, o histórico de aliases do chamador receptor é removido da lista de aliases do chamador.

#### 5.7.18.1

### Editar o alias do chamador depois de ligar o rádio

1 Ligue o rádio.

---

2

Insira seu novo alias do chamador. Pressione  para continuar.

O visor mostra uma mininota positiva.



#### **OBSERVAÇÃO:**

Quando estiver em uma chamada, o rádio receptor exibirá seu novo alias do chamador.

---

#### 5.7.18.2

### Editar o alias do chamador no menu principal

1

Pressione  para acessar o menu.

---

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Info do Rádio.  
Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Meu ID. Pressione  para selecionar.

---

5 Pressione  para continuar.

---

6 Pressione ▲ ou ▼ para Edita. Pressione  para selecionar.

---

7 Insira seu novo alias do chamador. Pressione  para selecionar.  
O visor mostra uma mininota positiva.



### **OBSERVAÇÃO:**

Quando estiver em uma chamada, o rádio receptor exibirá seu novo alias do chamador.

---

### 5.7.18.3

## **Visualizar a lista Aliases do chamador**

Você pode acessar a lista Aliases do chamador para visualizar os detalhes do alias do chamador transmissor.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Aliases do chamador.  
Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para a lista desejada.  
Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Exibir detalhes.  
Pressione  para selecionar.

---

## 5.7.18.4

## Iniciar uma chamada privada na lista de aliases do chamador

Você pode acessar a lista de aliases do chamador para iniciar uma chamada privada.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para *Aliases do chamador*.  
Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para o *<alias do chamador necessário>*.

---

- 4 Para chamar, mantenha o botão **PTT** pressionado.

## 5.7.19

## Modo Silencioso

O Modo silencioso fornece uma opção para silenciar todos os indicadores de áudio em seu rádio.

Quando o recurso Modo silencioso é iniciado, todos os indicadores de áudio são silenciados, exceto os recursos de maior prioridade, como operações de emergência.

Quando o Modo silencioso é encerrado, o rádio continua reproduzindo tons e transmissões de áudio em andamento.



### IMPORTANTE:

Você só pode ativar com o rádio voltado para baixo ou Man Down um de cada vez. Os dois recursos não podem ser ativados simultaneamente.

Esse recurso se aplica somente ao DGP 5550e/DGP 8550e, DGP 5050e/DGP 8050e.

## 5.7.19.1

## Ligar o Modo Silencioso

Siga o procedimento para ligar o Modo Silencioso.

Execute uma das seguintes opções:

- Acesse esse recurso usando o botão programado **Modo Silencioso**.
- Acesse esse recurso colocando o rádio em uma posição voltada para baixo momentaneamente.

Dependendo do modelo do rádio, o recurso Voltado para Baixo pode ser ativado pelo menu do rádio ou

pelo administrador do sistema. Obtenha mais informações com seu revendedor ou administrador do sistema.



**IMPORTANTE:**

O usuário pode ativar somente ManDown ou Voltado para Baixo de cada vez. Os dois recursos não podem ser ativados simultaneamente.



**OBSERVAÇÃO:**

O recurso Voltado para Baixo é aplicável apenas para DGP 5550e/DGP 8550e .

Quando o Modo Silencioso está habilitado, ocorre o seguinte:

- Um Tom Indicador Positivo é emitido.
- O visor mostra **Modo Silencioso Ligado**.
- A luz vermelha do LED pisca e permanece piscando até sair do Modo Silencioso.
- O visor mostra o ícone **Modo Silencioso** na tela de início.
- O rádio é silenciado.

- O Timer do Modo Silencioso começa a fazer a contagem regressiva do período de tempo em que está configurado.

### 5.7.19.2

## Configuração do Timer do Modo Silencioso

A função Modo Silencioso pode ser habilitada por um período de tempo pré-configurado, configurando o Timer do Modo Silencioso. A duração do timer é configurada no menu do rádio e pode variar de 0,5 a 6 horas. Quando o timer expira, o Modo Silencioso é encerrado.

Se o timer for deixado em 0, o rádio permanecerá em Modo Silencioso por tempo indeterminado, até que o rádio seja movido para uma posição voltada para cima ou até que o botão programado **Modo Sem Som** seja pressionado.



**OBSERVAÇÃO:**

O recurso Voltado para Baixo é aplicável somente ao DGP 5550e/DGP 8550e.

1

Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

4 Pressione ▲ ou ▼ para Temporiz Sil. Pressione  para selecionar.

5 Pressione ▲ ou ▼ para editar o valor numérico de cada dígito e pressione .

### 5.7.19.3

## Sair do Modo Silencioso

Esse recurso pode ser encerrado automaticamente quando o Timer do Modo Silencioso expira.

Execute uma das seguintes ações para sair do modo Silencioso manualmente:

- Pressione o botão programado **Modo Silencioso**.
- Pressione o botão **PTT** em qualquer entrada.
- Coloque o rádio na posição voltada para cima momentaneamente.



### OBSERVAÇÃO:

O recurso Voltado para Baixo é aplicável somente ao DGP 5550e/DGP 8550e.

Quando o Modo Silencioso está desabilitado, ocorre o seguinte:

- Um Tom Indicador Negativo é emitido.
- O visor mostra Modo Silencioso Desligado.
- O LED vermelho intermitente apaga.
- O ícone **Modo Silencioso** desaparece da tela de início.
- O rádio sai do modo silencioso e o estado do alto-falante é restaurado.

- Se o timer não tiver expirado, o timer do modo Silencioso é interrompido.



#### **OBSERVAÇÃO:**

O Modo Silencioso também é encerrado se o usuário transmite voz ou muda para um canal não programado.

#### 5.7.20

### **Operação de emergência**

Um Alarme de Emergência é usado para indicar uma situação crítica. Você pode iniciar uma Emergência a qualquer momento mesmo quando existe atividade no canal atual.

No Capacity Max, o rádio receptor suporta apenas um Alarme de Emergência por vez. Se um segundo Alarme de Emergência for iniciado, ele substituirá o primeiro alarme.

Quando um alarme de emergência é recebido, o destinatário pode optar por excluir o alarme e sair da Lista de Alarmes ou responder ao Alarme de Emergência pressionando o botão **PTT** e transmitindo uma voz de não emergência.

Seu revendedor ou administrador do sistema pode configurar o tempo de pressionamento do botão para o botão **Emergência** programado, exceto para

pressionamento por longo período que é semelhante a todos os outros botões:

#### **Pressionamento Curto**

Entre 0,05 segundos e 0,75 segundos de duração.

#### **Pressionamento Longo**

Entre 1,00 segundo e 3,75 segundos de duração.

O botão **Emergência** é atribuído com a função Ativar/Desativar Emergência. Consulte seu revendedor para saber sobre a operação atribuída do botão **Emergência**.



#### **OBSERVAÇÃO:**

Se o pressionamento curto do botão **Emergência** estiver atribuído ao modo de Emergência, então o pressionamento longo do botão **Emergência** estará atribuído a sair do modo de Emergência.

Se o pressionamento longo do botão **Emergência** estiver atribuído a ativar o modo de Emergência, então o pressionamento curto do botão **Emergência** estará atribuído a sair do modo de Emergência.

O rádio tem suporte para três alarmes de emergência:

- Alarme de Emergência
- Alarme de Emergência com Chamada
- Alarme de Emergência com Voz a Seguir



Além disso, cada alarme possui os seguintes tipos:

#### **Normal**

O rádio transmite um sinal de alarme e exibe indicadores de áudio e/ou visuais.

#### **Silent**

O rádio transmite um sinal de alarme sem indicadores de áudio ou visuais. O rádio recebe chamadas sem nenhum som no alto-falante, até que o período de transmissão programado do *microfone ativo* termina e/ou você pressiona o botão **PTT**.

#### **Silencioso com voz**

O rádio transmite um sinal de alarme sem nenhum indicador sonoro ou visual, mas permite que chamadas recebidas sejam ouvidas no alto-falante do rádio. Se *microfone ativo* estiver ativado, as chamadas recebidas serão ouvidas pelo alto-falante depois que o período de transmissão do *microfone ativo* terminar. Os indicadores aparecerão somente quando você pressionar o botão **PTT**.



#### **OBSERVAÇÃO:**

Somente um dos Alarmes de emergência acima pode ser atribuído ao botão **Emergência** programado.

## **Enviar alarmes de emergência**

Esse recurso permite enviar um Alarme de Emergência, um sinal sem voz que aciona uma indicação de alerta em um grupo de rádios. Siga o procedimento para enviar Alarmes de emergência no rádio.

O rádio não emite indicadores sonoros ou visuais durante o modo de Emergência quando está configurado no modo Silencioso.

### **1 Pressione o botão programado **Emergência** Ativada.**

Você visualizará um destes resultados:

- O visor mostrará **Alarmes de Tx** e o alias de destino.
- O visor exibirá **Telegrama Tx** e o nome de destino.

O LED verde acende. O ícone **Emergência** é exibido.



#### **OBSERVAÇÃO:**

Se programado, o Tom de busca de emergência será emitido. Este sinal é atenuado quando o rádio transmite ou recebe voz, e para quando o rádio sai do modo Emergência. O tom de Busca de emergência pode ser programado pelo revendedor ou administrador do sistema.

## **2** Aguarde a confirmação.

Se bem-sucedida:

- O tom de emergência é emitido.
- O LED verde pisca.
- O visor exibirá **Alarme enviado**.

Se não houver sucesso após todas as tentativas serem esgotadas:

- Um tom é emitido.
- O visor mostrará **Falha Alarme**.

O rádio sai do modo de Alarme de Emergência e retorna à tela Inicial.



#### **OBSERVAÇÃO:**

Quando configurado para somente Alarme de Emergência, o processo de emergência somente consiste na entrega do Alarme de Emergência. A emergência termina quando for recebida uma confirmação do sistema ou quando as tentativas de acesso ao canal estiverem esgotadas.

Nenhuma chamada de voz está associada ao envio do Alarme de Emergência ao operar Somente como Alarme de Emergência.

### **5.7.20.2**

## **Enviar Alarmes de Emergência com Chamada**

Essa função permite que você envie um Alarme de Emergência com Chamada para um grupo de rádios ou despachador. Após a confirmação pela infraestrutura dentro do grupo, o grupo de rádios pode se comunicar por meio de um canal de Emergência programado.

O rádio deve ser configurado para Alarme e Chamada de Emergência para realizar uma chamada de emergência depois de o alarme ser processado.

### 1 Pressione o botão programado **Emergência Ativada**.

O monitor exibirá Alarme de Tx e o alias de destino. O ícone de **Emergência** aparece. O LED verde acende.



#### **OBSERVAÇÃO:**

Se o rádio for programado, o tom de Pesquisa de Emergência é emitido. Este sinal é atenuado quando o rádio transmite ou recebe voz, e para quando o rádio sai do modo Emergência.

Se uma confirmação de um Alarme de Emergência for recebida com êxito:

- O tom de Emergência é emitido.
- O LED verde pisca.
- O monitor exibirá Alrm Enviado.
- O rádio entrará no modo de chamada de Emergência quando o monitor exibir Emergência e o alias do grupo de destino.

Se uma confirmação de um Alarme de Emergência não for recebida:

- Todas as novas tentativas forem exauridas.
- Um tom grave é emitido.
- O monitor exibirá Falha Alarme.
- O rádio sai do modo de Alarme de Emergência.

---

### 2 Pressione o botão **PTT** para iniciar uma transmissão de voz.

O LED verde acende. O monitor exibirá o ícone **Group Call**.

---

### 3 Execute uma das seguintes opções:

- Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
- Espere pelo término do Sinal do **PTT** e fale claramente ao microfone, se ativado.

---

### 4 Solte o botão **PTT** para escutar.

O visor exibirá o chamador e os nomes do grupo.

---

- 5 Pressione o botão **PTT** para responder à chamada.

Se a função Indicação de Canal Livre estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você responder.

---

- 6 Pressione o botão **Emergência Desativada** para sair do modo de Emergência.

O rádio volta à tela Inicial.



#### **OBSERVAÇÃO:**

Dependendo de como o rádio estiver programado, um tom de Permitir Falar será emitido ou não. Seu revendedor ou administrador do sistema poderá fornecer mais informações sobre como seu rádio foi programado para Emergência.

O inicializador da Chamada de Emergência

pode pressionar  para encerrar uma chamada de emergência em andamento. O rádio volta para um estado ocioso de chamada, mas a tela de chamada de emergência permanece aberta.

---

#### 5.7.20.3

### **Enviar Alarmes de Emergência com Voz para Acompanhar**

Essa função permite enviar um Alarme de Emergência com Voz para Acompanhar para um grupo de rádios. O microfone do rádio é ativado automaticamente, permitindo que você se comunique com o grupo de rádios sem

pressionar o botão **PTT**. Esse estado de microfone ativado também é conhecido como *microfone ativo*.

Se seu rádio tiver o Modo Ciclo de Emergência habilitado, as repetições do *microfone ativo* e do período de recepção são feitas por uma duração programada. Durante o Modo de Ciclo de Emergência, as chamadas recebidas serão emitidas pelo alto-falante do rádio.

Se você pressionar o botão **PTT** durante o período de recepção programado, ouvirá um tom de operação não permitida, indicando que você deve liberar o botão **PTT**. O rádio ignora o pressionamento do botão **PTT** e permanece no modo de Emergência.

Se você pressionar o botão **PTT** durante o estado de *microfone ativo* e continuar pressionando-o após o término da duração do estado de *microfone ativo*, o rádio continuará transmitindo até você soltar o botão **PTT**.

Se a solicitação de Alarme de Emergência falhar, o rádio não tentará enviar a solicitação novamente e entrará no estado de *microfone ativo* diretamente.



### OBSERVAÇÃO:

Alguns acessórios podem não ser compatíveis com o *microfone ativo*. Obtenha mais informações com seu revendedor ou administrador do sistema.

Siga o procedimento para enviar Alarmes de Emergência com voz para acompanhar no rádio.

#### 1 Pressione o botão programado **Emergência Ativada**.

Você visualizará um desses resultados:

- O monitor exibirá Alarme de Tx e o alias de destino.
- O visor exibirá Telegrama Tx e o nome de destino.

O LED verde acende. O ícone **Emergência** é exibido.

---

#### 2 Depois que o monitor mostrar Alrm Enviado, fale claramente no microfone.

O rádio interromperá automaticamente a transmissão quando:

- A duração de ciclo entre *microfone ativo* e chamadas recebidas expirará se o Modo de Ciclo de Emergência estiver habilitado.

- A duração do *microfone ativo* expirará se o Modo de Ciclo de Emergência estiver desabilitado.

---

**3** Pressione o botão **Emergência Desativada** para sair do modo de Emergência.

O rádio volta à tela Inicial.

---

#### 5.7.20.4

### Receber Alarmes de Emergência

O rádio receptor suporta apenas um Alarme de Emergência por vez. Se um segundo Alarme de Emergência for iniciado, ele substituirá o primeiro alarme. Siga o procedimento para receber e visualizar alarmes de emergência no rádio.

Ao receber um Alarme de Emergência:

- Um tom é emitido.
- O LED vermelho piscará.

- O visor de exibe a Lista de Emergência, o ID ou o alias do Grupo de Conversação de Emergência e o ID ou o alias do rádio transmissor.

**1**

Pressione  para exibir o alarme

---

**2**

Pressione  para exibir as opções de ação e os detalhes da entrada na Lista de Alarmes.

---

**3**

Pressione  e selecione **Sim** para sair da lista de Alarmes.

O rádio retorna à tela inicial com um **Ícone de Emergência** exibido na parte superior, que indica um Alarme de Emergência pendente. O **Ícone de Emergência** desaparece depois que a entrada da Lista de Alarmes for excluída.

---

**4**

Pressione  para acessar o menu.

---

**5**

Selecione **Lista Alarmes** para rever a lista de Alarmes.

---

- 6 É emitido um tom e a luz LED pisca em vermelho até que você saia do modo de Emergência. No entanto, o tom pode ser silenciado. Execute uma das seguintes opções:
    - Pressione o botão **PTT** para ligar para o grupo de rádios que recebeu o Alarme de Emergência.
    - Pressione qualquer botão programável.
- 

#### 5.7.20.5

### Responder a Alarmes de Emergência

Quando um alarme de emergência é recebido, o destinatário pode optar por excluir o alarme e sair da Lista de Alarmes ou responder ao Alarme de Emergência pressionando o botão **PTT** e transmitindo uma voz de não emergência. Siga o procedimento para responder a Alertas de Emergência no rádio.

- 1 Se a indicação de Alarme de Emergência estiver ativada, a lista de Alarmes de Emergência é exibida quando o rádio recebe um Alarme de Emergência. Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado.
- 

- 2 Se a função Indicação de Canal Livre estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você responder. Pressione o botão **PTT** para transmitir uma voz de não emergência para o mesmo grupo para o qual o Alarme de Emergência foi enviado. O LED verde acende.
- 

- 3 Execute uma das seguintes opções:
    - Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
    - Espere pelo término da Campanha lateral de **PTT** e fale claramente ao microfone, se ativado.
- 

- 4 Solte o botão **PTT** para escutar.

Quando o rádio da inicialização de emergência responde:

- O LED vermelho pisca.
- O visor de exibe o ícone de **Chamada de Emergência**, o ID ou o alias do Grupo de

Conversação de Emergência e o ID ou o alias do rádio transmissor.



#### **OBSERVAÇÃO:**

Se a indicação de Chamada de Emergência estiver desativada, visor de exibe o ícone de **Chamada de Emergência**, o ID ou o alias do Grupo de Conversação de Emergência e o ID ou o alias do rádio transmissor.

- O visor exibe o ícone **Chamada de Emergência** no canto superior direito.
- A linha de texto exibe o ID ou o alias do Grupo de Conversação de Emergência e o ID ou o alias do rádio transmissor.
- O rádio sai do estado mudo e recebe o som da chamada no alto-falante.

- 1 Se a função Indicação de Canal Livre estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você responder. Pressione o botão **PTT** para responder à chamada.

O LED verde acende.

- 2 Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.

- 3 Solte o botão **PTT** para escutar.

Quando o rádio da inicialização de emergência responde:

- O LED vermelho pisca.

#### 5.7.20.6

### **Responder a Alarmes de Emergência com Chamada**

Siga o procedimento para responder a Alarmes de Emergência com Chamada no rádio.

Quando você recebe uma Chamada de Emergência:

- O Tom de Chamada de Emergência é emitido se a Indicação de Chamada de Emergência e o Tom de Decodificação de Chamada de Emergência estiverem ativados. O Tom de Chamada de Emergência não soará se apenas a Indicação de Chamada de Emergência estiver ativada.



- O visor de exibe o ícone de **Chamada de Emergência**, o ID ou o alias do Grupo de Conversação de Emergência e o ID ou o alias do rádio transmissor.



**OBSERVAÇÃO:**

Se a indicação de Chamada de Emergência estiver desativada, visor de exibe o ícone de **Chamada de Emergência**, o ID ou o alias do Grupo de Conversação de Emergência e o ID ou o alias do rádio transmissor.

nenhuma confirmação for recebida, o visor exibirá Falha de cancelamento de emergência.



**OBSERVAÇÃO:**

Se a configuração Cancelar emergência estiver ativada no rádio transmissor, o alarme de emergência no rádio receptor será interrompido e o status será adicionado à lista de alarmes do rádio receptor.

#### 5.7.20.7

### Como Sair do Modo de Emergência

Pressione o botão programado **Emergência Desativada**.

O rádio exibirá as seguintes indicações:

- O tom foi interrompido.
- O LED vermelho apagou.
- Quando a confirmação é recebida, o visor do rádio transmissor mostra Emergência cancelada. Se

#### 5.7.21

### Mensagens de Texto

Seu rádio pode receber dados, por exemplo, uma mensagem de texto de outro rádio ou de um aplicativo de mensagem de texto.

Há dois tipos de mensagens de texto, Mensagem Curta de Texto de DMR (Digital Mobile Radio, rádio móvel digital) e mensagem de texto. O tamanho máximo de uma Mensagem Curta de Texto DMR é de 23 caracteres. O limite máximo de uma mensagem de texto é de 280 caracteres, incluindo a linha de assunto. A linha de assunto

só é exibida quando você recebe mensagens de aplicativos de email.



#### **OBSERVAÇÃO:**

O tamanho máximo de caracteres é aplicável apenas para modelos com a versão mais recente de software e hardware. Para modelos de rádio com software e hardware mais antigos, o tamanho máximo de uma mensagem de texto é de 140 caracteres. Entre em contato com o revendedor para obter mais informações.

#### 5.7.21.1

### **Mensagens de texto**

As mensagens de texto ficam armazenadas em uma caixa de entrada e são classificadas de acordo com a mais recentemente recebida.

O rádio sai da tela atual assim que o temporizador de

inatividade expira. Mantenha  pressionado a qualquer momento para voltar à Tela Inicial.

#### 5.7.21.1.1

## **Exibição de mensagens de texto**

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Mensagens. Pressione  para selecionar.

3

Pressione ▲ ou ▼ para Caixa. Pressione  para selecionar.

Se a Caixa de Entrada estiver vazia:

- O visor exibirá *Lista Vazia*.
- Um tom sonoro é emitido se o Tom do Teclado estiver ativado.

4

Pressione ▲ ou ▼ para a mensagem solicitada.

Pressione  para selecionar.

Uma linha de assunto é exibida se a mensagem vier de um aplicativo de e-mail.

## 5.7.21.1.2

## Exibir Mensagens de Texto do Status de Telemetria

Siga o procedimento para exibir uma mensagem de texto do status de telemetria na caixa de entrada.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Mensagens. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Caixa. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para a mensagem solicitada.  
Pressione  para selecionar.  
Não é possível responder a uma mensagem de texto do Status de Telemetria.  
O monitor exibe Telemetria: <Mensagem de Texto do Status>.

---

5

Mantenha  pressionado para retornar à Tela Inicial.

---

## 5.7.21.1.3

## Exibir Mensagens de Texto Salvas

- 1 Execute uma das seguintes opções:
  - Pressione o botão **Mens. texto** programado. Vá para [etapa 3](#).
  - Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Mensagens. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Rascunhos. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para a mensagem solicitada.  
Pressione  para selecionar.

---

## 5.7.21.1.4

**Responder a Mensagens de Texto**

Quando você recebe uma mensagem de texto:

- O visor exibirá a lista de Notificações com o alias ou ID do rádio transmissor.
- O monitor exibirá o ícone **Mensagem**.

**OBSERVAÇÃO:**

O rádio sai da tela de alerta Mensagem de Texto e faz uma Chamada Privativa ou Group Call para o remetente da mensagem caso o botão **PTT** seja pressionado.

**1** Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Ler. Pressione  para selecionar.  
O visor exibirá a mensagem de texto. Uma linha de assunto é exibida se a mensagem vier de um aplicativo de e-mail.
- Pressione ▲ ou ▼ para Ler mais Tarde.  
Pressione  para selecionar.

O rádio retornará para a tela anterior ao recebimento da mensagem de texto.

- Pressione ▲ ou ▼ para Excluir. Pressione  para selecionar.

**2**

Pressione  para retornar à Caixa de Entrada.

## 5.7.21.1.5

**Responder a Mensagens de Texto com Texto Rápido****1** Execute uma das seguintes opções:

- Pressione o botão **Mens. texto** programado. Continue com a Etapa 3.
- Pressione  para acessar o menu.

**2** Pressione ▲ ou ▼ para Mensagens. Pressione

 para selecionar.

3

Pressione ▲ ou ▼ para Caixa. Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para a mensagem solicitada.

Pressione  para selecionar.

Uma linha de assunto é exibida se a mensagem vier de um aplicativo de e-mail.

---

5

Pressione  para acessar o submenu.

---

6 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Responder. Pressione  para selecionar.

- Pressione ▲ ou ▼ para Resposta Rápida.

Pressione  para selecionar.

É exibido um cursor piscando. Você pode escrever ou editar sua mensagem, se necessário.

---

7

Pressione  quando terminar de escrever.

O visor exibirá mininotas passageiras, confirmando que sua mensagem está sendo enviada.

---

8 Aguarde a confirmação.

Se bem-sucedida:

- Um tom é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom é emitido.
  - O visor exibirá uma mininota negativa.
  - O rádio retornará à tela de opções Reenviar.
-

## 5.7.21.1.6

**Encaminhar Mensagens de Texto**

Quando você estiver na tela de opções Reenviar:

- 1 Pressione ▲ ou ▼ para Encaminhar e  para enviar a mesma mensagem a outro alias ou ID de rádio ou de grupo.

---

- 2 Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar. O visor exibirá mininotas passageiras, confirmando que sua mensagem está sendo enviada.

---

- 3 Aguarde a confirmação.  
Se bem-sucedida:
  - Um tom é emitido.
  - O visor mostra uma mininota positiva.
 Se malsucedida:
  - Um tom é emitido.

- O visor exibirá uma mininota negativa.

## 5.7.21.1.7

**Encaminhar Mensagens de Texto Usando a Discagem Manual**

- 1 Pressione ▲ ou ▼ para Encaminhar. Pressione  para selecionar.

---

- 2 Pressione  para reenviar a mesma mensagem para outro rádio ou alias de grupo ou ID.

---

- 3 Pressione ▲ ou ▼ para Discagem Manual. Pressione  para selecionar. O monitor exibirá Número do Rádio:.

4

Digite o ID do rádio e pressione  para continuar.  
 O visor exibirá mininotas passageiras, confirmando que sua mensagem está sendo enviada.

5 Aguarde a confirmação.

Se bem-sucedida:

- Um tom é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom é emitido.
- O visor exibirá uma mininota negativa.

5.7.21.1.8

## Editar Mensagens de Texto

Selecione **Editar** para editar a mensagem.



### OBSERVAÇÃO:

Se houver uma linha de assunto presente (para mensagens recebidas de um aplicativo de e-mail), não será possível editá-la.

1

Pressione  ou  para **Editar**. Pressione  para selecionar.

O visor mostrará um cursor intermitente.

2 Use o teclado para editar sua mensagem.

- Pressione  para mover um espaço para a esquerda.
- Pressione  ou  para mover um espaço à direita.
- Pressione  para excluir caracteres indesejados.
- Mantenha  pressionado para alterar o método de entrada de texto.

3

Pressione  quando terminar de escrever.

4 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Enviar e pressione  para enviar a mensagem.
- Pressione ▲ ou ▼ para Salvar e pressione  para salvar a mensagem na pasta Rascunhos.
- Pressione  para editar a mensagem.
- Pressione  para escolher entre excluir a mensagem ou salvá-la na pasta Rascunhos.

## 5.7.21.1.9

**Enviar Mensagens de Texto**

Pressupõe-se que você tenha uma nova mensagem de texto escrita ou uma mensagem de texto salva.

Selecione o destinatário da mensagem. Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar.
- Pressione ▲ ou ▼ para Discagem manual. Pressione  para selecionar. A primeira linha do monitor exibirá Número do Rádio:. A segunda linha do monitor exibe um cursor piscando. Digite o nome ou ID do rádio. Pressione .

O monitor exibe mininotas passageiras, confirmando que sua mensagem está sendo enviada.

Se bem-sucedida:

- Um tom é emitido.
- O monitor exibe uma mininota positiva.

Se malsucedida:

- Um tom grave é emitido.
- O visor exibirá uma mininota negativa.
- A mensagem é movida para a pasta Itens Enviados.



- A mensagem é marcada com um ícone de Falha no Envio.



#### **OBSERVAÇÃO:**

Para uma mensagem de texto nova, o rádio retornará à tela de opções Reenviar.

#### 5.7.21.1.10

### Editar Mensagens de Texto Salvas

1

Pressione  enquanto visualiza a mensagem.

2

Pressione  ou  para Editar. Pressione  para selecionar.

É exibido um cursor piscando.

3 Use o teclado para digitar sua mensagem.

Pressione  para mover um espaço para a esquerda.

Pressione  ou  para mover um espaço à direita.

Pressione  para excluir caracteres indesejados.

Mantenha  pressionado para alterar o método de entrada de texto.

4

Pressione  quando terminar de escrever.

Execute uma das seguintes opções:

- Pressione  ou  para Enviar. Pressione



para enviar a mensagem.

- Pressione . Pressione  ou  para escolher entre salvar ou excluir a mensagem.



Pressione para selecionar.

## 5.7.21.1.11

**Enviar Novamente Mensagens de Texto**

Quando você estiver na tela de opções Reenviar:

Pressione  para reenviar a mesma mensagem para o mesmo alias ou ID de rádio/grupo.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor exibirá uma mininota negativa.
- O rádio retornará à tela de opções Reenviar.

- Pressione o botão **Mens. texto** programado. Vá para [etapa 3](#).

- Pressione  para acessar o menu.

- 
- 2 Pressione ▲ ou ▼ para Mensagens. Pressione  para selecionar.

- 
- 3 Pressione ▲ ou ▼ para Caixa. Pressione  para selecionar.

Se a Caixa de Entrada estiver vazia:

- O visor exibirá *Lista Vazia*.
- Um tom é emitido.

- 
- 4 Pressione ▲ ou ▼ para Excluir Tudo.

Pressione  para selecionar.

## 5.7.21.1.12

**Como Excluir Todas as Mensagens de Texto da Caixa de Entrada**

- 1 Execute uma das seguintes opções:

5

Pressione ▲ ou ▼ para Sim. Pressione  para selecionar.

O visor mostra uma mininota positiva.

#### 5.7.21.1.13

### Excluir Mensagens de Texto Salvas na Pasta Rascunhos

1 Execute uma das seguintes opções:

- Pressione o botão **Mens. texto** programado. Vá para [etapa 3](#).
- Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Mensagens. Pressione



para selecionar.

3 Pressione ▲ ou ▼ para Rascunhos. Pressione



para selecionar.

4 Pressione ▲ ou ▼ para a mensagem solicitada.

Pressione  para selecionar.

5

Pressione  novamente enquanto exibe a mensagem.

6

Pressione ▲ ou ▼ para Excluir. Pressione  para excluir a mensagem de texto.

#### 5.7.21.2

### Mensagens de Texto Enviadas

Após uma mensagem ser enviada para outro rádio, ela é salva na pasta Itens Enviados. A última mensagem de texto enviada é sempre adicionada no topo da lista Itens Enviados. É possível reenviar, encaminhar, editar ou excluir uma mensagem de texto Enviada.

A pasta Itens enviados pode armazenar no máximo as trinta (30) últimas mensagens enviadas. Quando a pasta estiver cheia, a próxima mensagem enviada substituirá automaticamente a mensagem de texto mais antiga na pasta.

Se você sair da tela de envio de mensagem enquanto a mensagem estiver sendo enviada, o rádio atualizará o status da mensagem na pasta Enviados sem oferecer nenhuma indicação no monitor ou por meio de sons.

Se o modo do rádio for alterado ou se ele for desativado antes que o status da mensagem seja atualizado na pasta de Itens Enviados, não será possível concluir uma mensagem Em Andamento, e ela será marcada automaticamente com um ícone **Falha ao Enviar**.

O rádio possui suporte para no máximo cinco (5) mensagens Em Andamento por vez. Durante esse período, o rádio não poderá enviar nenhuma mensagem nova e a marcará automaticamente com um ícone **Falha no Envio**.

Mantenha  pressionado a qualquer momento para voltar à tela Início.



#### OBSERVAÇÃO:

Se o tipo de canal, por exemplo, digital convencional, Capacity Plus, não corresponder, você só poderá editar, encaminhar ou excluir uma mensagem Enviada.

## Visualizar Mensagens de Texto Enviadas

1 Execute uma das seguintes opções:

- Pressione o botão **Mens. texto** programado. Vá para [etapa 3](#).
- Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Mensagens. Pressione  para selecionar.

3 Pressione ▲ ou ▼ para Itens Enviados.

Pressione  para selecionar.

Se a pasta Itens Enviados estiver vazia:

- O visor exibirá *Lista Vazia*.
- Um tom sonoro é emitido se o Tom do Teclado estiver ativado.

- 4 Pressione ▲ ou ▼ para a mensagem solicitada.

Pressione  para selecionar.

O monitor exibirá uma linha de assunto se a mensagem for proveniente de um aplicativo de email.

#### 5.7.21.2.2

### Enviar Mensagens de Texto Enviadas

Durante a visualização de uma mensagem enviada:

- 1 Pressione .

- 2 Pressione ▲ ou ▼ para Reenviar. Pressione  para selecionar.

O visor exibirá mininotas passageiras, confirmando que sua mensagem está sendo enviada.

- 3 Aguarde a confirmação.

Se bem-sucedida:

- Um tom é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom é emitido.
- O visor exibirá uma mininota negativa.
- O rádio prosseguirá para a tela de opções Reenviar. Consulte [Enviar Novamente Mensagens de Texto na página 193](#) para obter mais informações.

#### 5.7.21.2.3

### Excluir Todas as Mensagens de Texto Enviadas em Itens Enviados

Siga o procedimento para excluir todas as mensagens de texto enviadas na pasta Itens Enviados do rádio.

- 1 Execute uma das seguintes opções:
- Pressione o botão **Mens. texto** programado. Vá para [etapa 3](#).
  - Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Mensagens. Pressione



para selecionar.

- 3 Pressione ▲ ou ▼ para Itens Enviados.



Pressione para selecionar.

Se a pasta Itens Enviados estiver vazia:

- O visor exibirá Lista Vazia.
- Um tom é emitido.

- 4 Pressione ▲ ou ▼ para Excluir Todas.



Pressione para selecionar.

- 5 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Sim. Pressione  para selecionar.  
O visor mostra uma mininota positiva.
- Pressione ▲ ou ▼ para Não. Pressione  para selecionar.

O rádio retorna à tela anterior.

### 5.7.21.3

## Mensagens de Texto Rápidas

Seu rádio oferece suporte a um máximo de 50 mensagens de Texto Rápido, conforme programado por seu revendedor.

Embora as mensagens de Texto Rápido sejam predefinidas, você pode editar cada uma delas antes de enviá-las.

### 5.7.21.3.1

## Enviar Mensagens de Texto Rápidas

Siga o procedimento para enviar Mensagens de Texto Rápidas no rádio para um alias predefinido.

- 1 Pressione o botão **Acesso com um toque** programado.

O visor exibirá mininotas passageiras, confirmando que sua mensagem está sendo enviada.

## 2 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor exibirá uma mininota negativa.
- O rádio prosseguirá para a tela de opções Reenviar. Consulte [Enviar Novamente Mensagens de Texto na página 193](#) para obter mais informações.

### 5.7.22

## Configuração de Entrada de Texto

O rádio permite que você configure textos diferentes.

Você pode definir as seguintes configurações para a entrada do texto no seu rádio:

- Predição de Palavras
- Palavra Correta

- Maiúscula
- Minhas Palavras

O seu rádio é compatível com os seguintes métodos de entrada de texto:

- Números
- Símbolos
- Previsível ou Multitoque
- Idioma (se programado)



### OBSERVAÇÃO:

Pressione  a qualquer momento para retornar à tela anterior ou mantenha pressionado  para retornar à tela Início. O rádio sai da tela atual assim que o temporizador de inatividade expira.

### 5.7.22.1

## Predição de Palavras

O rádio pode aprender sequências de palavras comuns que você usa frequentemente. Em seguida, ele prevê a palavra seguinte que você pode querer usar depois de inserir a primeira palavra de uma sequência de palavras comuns no editor de texto.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Texto. Pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para desabilitar a Predição de Palavras. Pressione  para selecionar.

---

- 6 Execute uma das seguintes opções:
  - Pressione  para habilitar a Predição de Palavras. Se ativado, ✓ será exibido ao lado de Ativado.

- Pressione  para desabilitar o Controle de Distorção Dinâmica do Microfone. Se desativado, o ✓ desaparece do lado de Ativado.

## 5.7.22.2

**Maiúscula**

Essa função é usada para ativar automaticamente a capitalização da primeira letra de cada primeira palavra em cada nova frase.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---



4 Pressione ▲ ou ▼ para entrada de Texto.

Pressione  para selecionar.

---

5 Pressione ▲ ou ▼ para Maiúscula. Pressione

 para selecionar.

---

6 Execute uma das seguintes opções:

- Pressione  para ativar Maiúscula. Se ativado, ✓ será exibido ao lado de Ativado.
  - Pressione  para desativar Maiúscula. Se desativado, o ✓ desaparece do lado de Ativado.
- 

### 5.7.22.3

## Visualizar Palavras Personalizadas

Você pode adicionar suas palavras personalizadas ao dicionário integrado do rádio. O rádio mantém uma lista dessas palavras.

1 Pressione  para acessar o menu.

---

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para entrada de Texto. Pressione  para selecionar.

---

5 Pressione ▲ ou ▼ para Minhas Palavras. Pressione  para selecionar.

---

6 Pressione ▲ ou ▼ para Lista de Palavras. Pressione  para selecionar.  
O visor exibe a lista de palavras personalizadas.

---

## 5.7.22.4

**Editar Palavras Personalizadas**

Você poderá editar as palavras personalizadas salvas no rádio.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Texto. Pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para Minhas Palavras.  
Pressione  para selecionar.

---

- 6 Pressione ▲ ou ▼ para Lista de Palavras.

Pressione  para selecionar.

O monitor exibe a lista de palavras personalizadas.

- 7 Pressione ▲ ou ▼ para a palavra necessária.

Pressione  para selecionar.

- 8 Pressione ▲ ou ▼ para Editar. Pressione  para selecionar.

- 9 Use o teclado para editar as palavras personalizadas.

- Pressione ◀ para mover um espaço para a esquerda.
- Pressione a tecla ▶ para mover um espaço à direita.
- Pressione a tecla  para excluir caracteres indesejados.

- Mantenha  pressionado para alterar o método de entrada de texto.

10

Pressione  uma vez depois que sua palavra personalizada estiver completa.

O monitor exibe uma mininota passageira, confirmando que sua palavra está sendo salva.

- Se a palavra personalizada for salva, um tom será emitido, e o monitor exibirá uma mininota positiva.
- Se a palavra personalizada não for salva, um tom baixo será emitido e o visor exibirá uma mininota negativa.

#### 5.7.22.5

### Adicionar Palavras Personalizadas

Você pode personalizar palavras no dicionário integrado do rádio.

1

Pressione  para acessar o menu.

2 Pressione  ou  para Utilitários. Pressione  para selecionar.

3 Pressione  ou  para Configurações do rádio. Pressione  para selecionar.

4 Pressione  ou  para Entrada de texto. Pressione  para selecionar.

5 Pressione  ou  para Minhas Palavras. Pressione  para selecionar.

6 Pressione  ou  para Nova Palavra. Pressione  para selecionar. O monitor exibe a lista de palavras personalizadas.

7 Use o teclado para editar as palavras personalizadas.

- Pressione  para mover um espaço para a esquerda.
- Pressione a tecla  para mover um espaço à direita.
- Pressione a tecla  para excluir caracteres indesejados.
- Mantenha  pressionado para alterar o método de entrada de texto.

8

Pressione  uma vez depois que sua palavra personalizada estiver completa.

O monitor exibe uma mininota passageira, confirmando que sua palavra está sendo salva.

- Se a palavra personalizada for salva, um tom será emitido e o visor exibirá uma mininota positiva.
- Se a palavra personalizada não for salva, um tom baixo será emitido e o visor exibirá uma mininota negativa.

## 5.7.22.6

## Excluir uma Palavra Personalizada

Você poderá excluir as palavras personalizadas salvas no rádio.

1

Pressione  para acessar o menu.

2

Pressione  ou  para Utilitários. Pressione  para selecionar.

3

Pressione  ou  para Configurações do rádio. Pressione  para selecionar.

4

Pressione  ou  para Entrada de texto. Pressione  para selecionar.

5

Pressione  ou  para Minhas Palavras. Pressione  para selecionar.

6 Pressione ▲ ou ▼ para a palavra necessária.

Pressione  para selecionar.

---

7 Pressione ▲ ou ▼ para Excluir. Pressione  para selecionar.

---

8 Escolha uma das seguintes opções:

- Em Excluir Entrada?, pressione  para selecionar Sim. O monitor exibe Entrada Excluída.
  - Pressione ▲ ou ▼ para Não. Pressione  para retornar à tela anterior.
- 

#### 5.7.22.7

### Excluir Todas as Palavras Personalizadas

Você pode excluir todas as palavras personalizadas do dicionário integrado do seu rádio.

1 Pressione  para acessar o menu.

---

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Entrada de texto. Pressione  para selecionar.

---

5 Pressione ▲ ou ▼ para Minhas Palavras. Pressione  para selecionar.

---

6 Pressione ▲ ou ▼ para Excluir tudo. Pressione  para selecionar.

---

7 Execute uma das seguintes opções:

- Em Excluir Entrada?, pressione  para selecionar Sim. O visor exibirá Entrada Excluída.
- Pressione ▲ ou ▼ para Não para retornar à tela anterior. Pressione  para selecionar.

### 5.7.23

## Privacidade

Se habilitado, esse recurso ajuda a impedir a intromissão de usuários não autorizados em um canal através do uso de uma solução de codificação baseada em software. As partes de sinalização e de identificação do usuário de uma transmissão não se misturam.

Seu rádio deve ter privacidade habilitada no canal para enviar uma transmissão com privacidade habilitada, apesar de não ser um requisito para receber uma transmissão. Enquanto estiver em um canal com privacidade habilitada, o rádio permanece capaz de receber transmissões claras ou decodificadas.

O rádio é compatível com Privacidade Avançada.

Para decodificar uma transmissão de chamada ou dados com privacidade habilitada, o rádio deve ser programado para ter o mesmo Valor de Chave e ID de Chave para Privacidade que o rádio que o rádio transmissor.

Se o rádio receber uma chamada embaralhada de um Valor de Chave e ID de Chave diferentes, você não ouvirá nada devido à Privacidade Avançada.

Em um canal com privacidade habilitada, seu rádio é capaz de receber chamadas não criptografadas ou decodificadas, dependendo de como o rádio está programado. Além disso, o rádio pode reproduzir um tom de aviso ou não, dependendo de como ele está programado.



### OBSERVAÇÃO:

Esse recurso não se aplica a canais de Banda Civil que estão na mesma frequência.

O LED verde acende enquanto o rádio transmite e pisca rapidamente enquanto o rádio recebe uma transmissão habilitada para privacidade contínua.



### OBSERVAÇÃO:

Alguns modelos de rádio podem não oferecer esse recurso de privacidade, ou podem conter outra configuração. Obtenha mais informações com seu revendedor ou administrador do sistema.

## 5.7.23.1

## Status Message

Esse recurso permite que o usuário envie mensagens de status para outros rádios.

A lista Status Rápido é configurada via CPS-RM e pode ser composta por até 99 status.

O tamanho máximo de cada mensagem de status é de 16 caracteres.

**OBSERVAÇÃO:**

Cada status tem um valor digital correspondente que varia de 0-99. Um alias pode ser especificado para cada status, para facilitar a referência.

## 5.7.23.1.1

## Enviar Mensagens de Status

Siga o procedimento abaixo para enviar uma mensagem de status.

- 1 Execute uma das seguintes opções:
  - Pressione o botão **Acesso com Um Toque** programado. Pule as etapas a seguir.

- Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Status. Pressione  para selecionar.

3

Pressione ▲ ou ▼ para Estado Rápido.  
Pressione  para selecionar.

4

Pressione ▲ ou ▼ para a mensagem de status necessária. Pressione  para selecionar.

5

Pressione ▲ ou ▼ para o ID ou alias do rádio necessário, ou para o ID ou alias do grupo.  
Pressione  para selecionar.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O LED será desligado.
- O visor mostrará uma mininota positiva brevemente antes de retornar para a tela Estado Rápido.

- O visor mostrará ✓ ao lado da mensagem de status enviada.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O LED será desligado.
- O visor mostrará uma notificação de falha brevemente antes de retornar para a tela Estado Rápido.

#### 5.7.23.1.2

### Enviar Mensagem de Status Usando o Botão Programável

Siga o procedimento para enviar uma mensagem de status usando o botão programável.

- 1 Pressione o botão programável **Mensagem de Status**.

- 2 Pressione ▲ ou ▼ para a mensagem de status necessária. Pressione  para selecionar. A lista de contatos é exibida.

- 3 Pressione ▲ ou ▼ para o ID ou alias do rádio necessário, ou para o ID ou alias do grupo.

Pressione  para selecionar.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O LED será desligado.
- O visor exibirá uma mininota positiva momentaneamente antes de retornar para a tela Estado Rápido.
- O visor exibirá ✓ ao lado da mensagem de status enviada.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O LED será desligado.
- O visor exibirá uma notificação de falha momentaneamente antes de retornar para a tela Estado Rápido.



## 5.7.23.1.3

## Enviar Mensagem de Status Usando a Lista de Contatos

Siga o procedimento para enviar uma mensagem de status usando a lista de contatos.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para o ID ou alias do rádio necessário, ou para o ID ou alias do grupo.  
Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Enviar Estado.  
Pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para a mensagem de status necessária. Pressione  para selecionar.
- 

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O LED será desligado.
- O visor exibirá uma mininota positiva momentaneamente antes de retornar para a tela Estado Rápido.
- O visor exibirá ✓ ao lado da mensagem de status enviada.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O LED será desligado.
- O visor exibirá uma notificação de falha momentaneamente antes de retornar para a tela Estado Rápido.

## 5.7.23.1.4

## Enviar Mensagem de Status Usando a Discagem Manual

Siga o procedimento para enviar uma mensagem de status usando a discagem manual.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Discagem Manual.  
Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Número do Rádio.  
Pressione  para selecionar.

---

- 5 Digite o ID ou o alias do rádio necessário ou o ID ou alias do grupo e pressione  para continuar.

---

- 6 Pressione ▲ ou ▼ para Enviar Estado.

Pressione  para selecionar.

---

- 7 Pressione ▲ ou ▼ para a mensagem de status

necessária. Pressione  para selecionar.

---

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O LED será desligado.
- O visor exibirá uma mininota positiva momentaneamente antes de retornar para a tela Estado Rápido.
- O visor exibirá ✓ ao lado da mensagem de status enviada.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O LED será desligado.
- O visor exibirá uma notificação de falha momentaneamente antes de retornar para a tela Estado Rápido.

### 5.7.23.1.5

## Exibir Mensagens de Status

Siga o procedimento para exibir mensagens de status.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Status. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Caixa. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para a mensagem de status necessária. Pressione  para selecionar.  
O conteúdo da mensagem de status é exibido para o usuário de rádio.

As mensagens de status recebidas também podem ser exibidas ao acessar a Lista de Notificação. Consulte [Lista de Notificações na página 223](#) para obter mais informações.

### 5.7.23.1.6

## Responder Mensagens de Status

Siga o procedimento para responder mensagens de status.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Status. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Caixa. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para a mensagem de status necessária. Pressione  para selecionar.

---

- 5 O conteúdo do status é exibido. Pressione  para selecionar.

6 Pressione ▲ ou ▼ para Responder. Pressione



para selecionar.

7 Pressione ▲ ou ▼ para a mensagem de status

necessária. Pressione  para selecionar.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O LED será desligado.
- O visor exibirá uma mininota positiva antes de retornar para a tela Caixa.
- O visor exibirá ✓ ao lado da mensagem de status enviada.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O LED será desligado.
- O visor exibirá uma notificação de falha momentaneamente antes de retornar para a tela Caixa.

## Excluir uma Mensagem de Status

Siga o procedimento para excluir uma mensagem de status do rádio.

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Status. Pressione  para selecionar.

3

Pressione ▲ ou ▼ para Caixa. Pressione  para selecionar.

4

Pressione ▲ ou ▼ para a mensagem de status necessária. Pressione  para selecionar.

5

O conteúdo do status é exibido. Pressione  para selecionar.

6 Pressione ▲ ou ▼ para Excluir. Pressione  para selecionar.

---

7 Pressione ▲ ou ▼ para Sim. Pressione  para selecionar.

---

- O visor exibirá uma miniatura positiva antes de retornar para a tela Caixa.

#### 5.7.23.1.8

### Excluir Todas as Mensagens de Status

Siga o procedimento para excluir todas as mensagens de status do rádio.

1 Pressione  para acessar o menu.

---

2 Pressione ▲ ou ▼ para Status. Pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Caixa. Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Excluir Todas. Pressione  para selecionar.

---

5 Pressione ▲ ou ▼ para Sim. Pressione  para selecionar.

---

- O visor exibirá Lista Vazia.

#### 5.7.23.2

### Ativar ou Desativar a Privacidade

Siga o procedimento para ativar ou desativar a privacidade no rádio.

- 1 Execute uma das seguintes opções:
    - Pressione o botão programado **Privacidade**. Ignorar as etapas abaixo.
    - Pressione  para acessar o menu.
-

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione



para selecionar.

- 3 Pressione ▲ ou ▼ para Configurações do

rádio. Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Privac... Pressione  para selecionar.

- 5 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Ligar. Pressione  para selecionar. O visor exibe ✓ ao lado de Ligado.
- Pressione ▲ ou ▼ para Desligar. Pressione  para selecionar. O visor exibe ✓ ao lado de Desligado.

## Inibição de Resposta

Esta função ajuda a impedir que o rádio responda a qualquer transmissão recebida.



### OBSERVAÇÃO:

Entre em contato com seu revendedor para determinar como seu rádio foi programado.

Se ativado, o rádio não gera nenhuma transmissão de saída em resposta a transmissões recebidas, como Verificação do Rádio, Alerta de Chamada, Desabilitar Rádio, Monitoramento Remoto, ARS (Automatic Registration Service, serviço de registro automático), Responder a Mensagens Privadas e Enviar relatórios de localização de GNSS.

O rádio não pode receber Chamadas Privadas Confirmadas quando esse recurso está habilitado. No entanto, o rádio é capaz de enviar manualmente uma transmissão.

### 5.7.24.1

## Ligar e Desligar a Inibição de Resposta

Siga o procedimento para ativar ou desativar a Inibição de Resposta do rádio.

Pressione o botão programado **Inibição Resposta**.

---

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva momentânea.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor mostra uma mininota negativa momentânea.

#### 5.7.25

### Paralisar/Restaurar



Capacity Max

Essa função permite que você habilite ou desabilite qualquer rádio no sistema. Por exemplo, o revendedor ou administrador do sistema pode querer desativar um rádio roubado, para impedir que o ladrão o utilize, e ativar o rádio quando ele for recuperado.

Um rádio pode ser desabilitado (paralisado) ou ativado (restaurado) pelo console ou por um comando iniciado por outro rádio.

Depois que o rádio estiver desativado, ele emitirá um tom indicador negativo e a tela de início mostrará Canal Negado.

Quando o rádio é paralisado, ele não pode ou receber qualquer serviço iniciado no sistema que execute o procedimento de Paralisação. No entanto, o rádio pode alternar para outro sistema. O rádio continua enviando relatórios de localização do GNSS e pode ser monitorado remotamente quando paralisado.



#### OBSERVAÇÃO:

O revendedor ou administrador do sistema pode desativar permanentemente um rádio. Consulte [Inutilização do Rádio na página 219](#) para obter mais informações.

#### 5.7.25.1

### Paralisar um Rádio

Siga o procedimento para desativar um rádio.

- 1 Pressione o botão **Desativar Rádio** programado.
-

- 2 Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar. O monitor exibirá Desabilitar Rádio: <Alias ou ID do Rádio>. O LED verde pisca.

3 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor exibirá uma mininota negativa.

- 1 Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Desativar Rádio. Pressione  para selecionar. O monitor exibirá Desabilitar Rádio: <Alias ou ID do Rádio>. O LED verde pisca.

5 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.

## 5.7.25.2

# Paralisar Rádios Usando a Lista de Contatos

Siga o procedimento para desativar um rádio usando a Lista de Contatos.



- O visor exibirá uma mininota negativa.

### 5.7.25.3

## Paralisar um Rádio Usando a Discagem Manual

Siga o procedimento para desativar um rádio usando a discagem manual.

- 1 Pressione  para acessar o menu.
- 2 Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.
- 3 Pressione ▲ ou ▼ para Discagem Manual.  
Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Número do Rádio.

Pressione  para selecionar.

A primeira linha de texto exibirá Número do Rádio.

- 5 Digite o ID do rádio e pressione  para continuar.

- 6 Pressione ▲ ou ▼ para Desativar Rádio.

Pressione  para selecionar.

O visor exibirá mininotas passageiras, indicando que a solicitação está em andamento. O LED verde pisca.

- 7 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.

- O visor exibirá uma mininota negativa.

## 5.7.25.4

## Restaurar um Rádio

Siga o procedimento para ativar um rádio.

1 Pressione o botão programado **Habilitar Rádio**.

2 Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar.

O monitor exibirá `Habilitar Rádio: <Alias ou ID do Rádio>`. O LED verde acende.

3 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.

- O visor exibirá uma mininota negativa.

## 5.7.25.5

## Restaurar Rádios Usando a Lista de Contatos

Siga o procedimento para habilitar um rádio usando a Lista de Contatos.

1 Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.

3 Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Ativar Rádio.

Pressione  para selecionar.

O monitor exibirá Habilitar Rádio: <Alias ou ID do Rádio>. O LED verde acende.

- 5 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor exibirá uma mininota negativa.

- 1 Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Discagem Manual. Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Chamada Privada. Pressione  para selecionar. A primeira linha de texto exibirá Número do Rádio.

- 5 Digite o ID do rádio e pressione  para continuar.

#### 5.7.25.6

## Restaurar um Rádio Usando a Discagem Manual

Siga o procedimento para ativar seu rádio usando a Discagem Manual.

- 6 Pressione ▲ ou ▼ para Ativar Rádio.

Pressione  para selecionar.

O monitor exibirá Habilitar Rádio: <Alias ou ID do Rádio>. O LED verde acende.

- 7 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor exibirá uma mininota negativa.

### 5.7.26

## Inutilização do Rádio

Esse recurso é uma medida de segurança aprimorada para restringir o acesso não autorizado a um rádio.

Interromper Rádio faz com que um rádio se torne inoperável. Por exemplo, o revendedor pode interromper

rádios roubados ou perdidos para evitar o uso não autorizado.

Quando ligado, um rádio desativado exibe brevemente Rádio Desativado na tela para indicar o estado desativado.



### OBSERVAÇÃO:

Um rádio interrompido só pode ser restaurado em um estabelecimento de serviço da Motorola Solutions. Entre em contato com o revendedor para obter mais informações.

### 5.7.27

## Trabalhador Solitário

Essa função instrui que uma emergência seja gerada se não houver atividade do usuário, como o pressionamento ou a ativação de qualquer botão do rádio do seletor de canais, por um tempo predefinido.

Se não ocorrer nenhuma atividade do usuário por um tempo programado, o rádio o avisará antecipadamente por meio de um indicador de áudio quando o contador de inatividade expirar.

Se ainda não houver confirmação do usuário antes que o temporizador predefinido expire, o rádio iniciará uma

condição de emergência conforme o programado pelo revendedor.

### 5.7.28

## Bloqueio de senha

Você pode definir uma senha para restringir o acesso ao seu rádio. Cada vez que você ligar o rádio, será necessário inserir a senha.

Seu rádio suporta uma entrada de senha de quatro dígitos.

O rádio não consegue receber chamadas no estado bloqueado.

### 5.7.28.1

## Acessar o rádio usando senhas

Ligue o rádio.

- 1 Insira uma senha de quatro dígitos.
  - a Para editar o valor numérico de cada dígito, pressione ▲ ou ▼. Para inserir e mover para o próximo dígito, pressione .

### 2

Pressione  para confirmar a senha.

Se você inserir a senha corretamente, o rádio será ligado.

Se você inserir a senha errada após a primeira e a segunda tentativa, o rádio mostrará as seguintes indicações:

- Um tom contínuo é emitido.
- O visor mostra `Senha incorreta`.

Repita [etapa 1](#).

Se você inserir a senha errada após a terceira tentativa, o rádio mostrará as seguintes indicações:

- Um tom é emitido.
- O LED amarelo piscará duas vezes.
- O visor mostra `Senha incorreta` e, em seguida, `Rádio bloqueado`.
- O rádio entrará no estado bloqueado por 15 minutos.



### OBSERVAÇÃO:

No estado bloqueado, o rádio responde apenas às entradas do **Botão de Controle de Volume/Ligado/Desligado** e do botão programado **Luz de Fundo**.

Aguarde o temporizador de estado bloqueado de 15 minutos para concluir e, em seguida, repita [etapa 1](#).



#### **OBSERVAÇÃO:**

Se você desligar e ligar o rádio novamente, o temporizador de 15 minutos será reiniciado.

### 5.7.28.2

## Ativar ou Desativar Bloqueio de Senha

Siga o procedimento para ativar ou desativar o bloqueio de senha no rádio.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Bloq. Senha. Pressione  para selecionar.

---

- 5 Insira sua senha atual de quatro dígitos.

- Use o microfone do teclado.
- Pressione ▲ ou ▼ para editar o valor

numérico de cada dígito ou pressione  para digitar e mover para o próximo dígito. Um tom indicador positivo será emitido para cada dígito pressionado.

---

- 6 Pressione  para digitar a senha.  
Se a senha estiver incorreta, o visor exibirá Senha Incorreta e automaticamente retornará ao menu anterior.

---

- 7 Execute uma das seguintes opções:
  - Pressione ▲ ou ▼ para Ativar. Pressione  para selecionar. O monitor exibirá ✓ ao lado de Ativar.

- Pressione ▲ ou ▼ para Desativar. Pressione



para selecionar.

O monitor exibirá ✓ ao lado de Desativar.

### 5.7.28.3

## Desbloquear Rádios Bloqueados

O rádio não consegue receber chamadas no estado bloqueado. Siga o procedimento para desbloquear o rádio bloqueado.

Execute uma das seguintes opções:

- Se o rádio estiver ligado, aguarde 15 minutos e repita as etapas em [Acessar o rádio usando senhas na página 220](#) para acessar o rádio.
- Se o rádio estiver desligado, ligue o rádio. O rádio reinicia o contador de 15 minutos para o estado bloqueado. Um tom é emitido. O LED amarelo piscará duas vezes. O visor mostra Rádio Bloqueado.

Aguarde 15 minutos e repita as etapas em [Acessar o rádio usando senhas na página 220](#) para acessar o rádio.

### 5.7.28.4

## Alterar senhas

Siga o procedimento para alterar senhas no rádio.

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

3

Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

4

Pressione ▲ ou ▼ para Bloq. Senha. Pressione  para selecionar.

- 5 Insira a senha de quatro dígitos atual e pressione



para continuar.

Se a senha estiver incorreta, o visor exibirá *Senha Incorreta* e automaticamente retornará ao menu anterior.

- 6 Pressione ▲ ou ▼ para *Alterar Senha*.



Pressione para selecionar.

- 7 Insira a nova senha de quatro dígitos e pressione



para continuar.

- 8 Insira novamente a nova senha de quatro dígitos e



pressione para continuar.

Se a operação for bem-sucedida, o visor exibirá *Senha Alterada*.

Se malsucedida, o visor exibirá *Senhas Não Correspondem*.

A tela volta automaticamente para o menu anterior.

## 5.7.29

### Lista de Notificações

Seu rádio tem uma Lista de Notificações que coleta todos os seus eventos não lidos no canal, como mensagens de texto não lidas, mensagens de telemetria, chamadas perdidas e alertas de chamada.

O monitor exibirá o ícone **Notificação** quando a lista de Notificações tiver um ou mais eventos.

A lista oferece suporte a, no máximo, 40 (quarenta) eventos não lidos. Quando ela estiver cheia, o evento seguinte substituirá automaticamente o evento mais antigo. Depois de lidos, os eventos são removidos da lista de Notificações.

Para mensagens de texto, chamadas perdidas e eventos de alerta de chamada, o número máximo de notificações é 30 mensagens de textos e 10 chamadas perdidas ou alertas de chamada. Esse número máximo depende do recurso individual (tíquetes de trabalho, mensagens de texto ou chamadas perdidas/alertas de chamada).



## 5.7.29.1

## Acessar a Lista de Notificações

Siga o procedimento para acessar a lista de Notificações do rádio.

1 Execute uma das seguintes opções:

- Pressione o botão programado **Notificações**. Ignore as etapas abaixo.
- Pressione  para acessar o menu.

2

Pressione  para acessar o menu.

3 Pressione ▲ ou ▼ para Notificação. Pressione  para selecionar.

4 Pressione ▲ ou ▼ para o evento solicitado.

Pressione  para selecionar.

Mantenha  pressionado para retornar à tela inicial.

## 5.7.30

## Programação Over-the-Air

O revendedor pode atualizar remotamente o seu rádio usando Programação Pelo Ar (OTAP) sem conexão física. Além disso, alguns ajustes podem também ser configurados via OTAP.

Quando o rádio passa por OTAP, o LED verde pisca.

Quando o rádio receber dados de volume alto:

- O monitor exibirá o ícone **Volume de Dados Alto**.
- O canal ficará ocupado.
- Um tom negativo será emitido se você pressionar o botão **PTT**.

Quando a OTAP for concluída, dependendo da configuração:

- Um tom é emitido. O monitor exibirá **Atualizando a Reinicialização**. O rádio será reiniciado ao desligar e ligar novamente.
- Você pode selecionar **Reiniciar** ou **Adiar**. Quando você seleciona **Adiar**, o rádio retorna à tela anterior. O monitor exibirá o ícone **Contador de Retardo de OTAP** até que a reinicialização automática ocorra.

Quando o rádio for ligado após a reinicialização automática:

- Se bem-sucedida, o monitor exibirá *Atualização do Software Concluída*.
- Se a atualização do programa não for bem-sucedida, um tom será emitido, o LED vermelho piscará uma vez e o visor exibirá *Falha na atualização do software*.



#### **OBSERVAÇÃO:**

Se a atualização de programação não for bem-sucedida, as indicações de falha na atualização do software aparecerão toda vez que você ligar o rádio. Entre em contato com o revendedor para reprogramar o rádio com o software mais recente para eliminar as indicações de falha na atualização do software.

Consulte [Verificar Informações de Atualização de Software na página 260](#) para obter a versão atualizada do software.

#### **5.7.31**

## **Indicador de Intensidade do Sinal Recebido**

Esse recurso permite visualizar os valores do Indicador de Intensidade do Sinal Recebido (RSSI).

O visor exibirá o ícone **RSSI** no canto superior direito. Consulte [Ícones do Visor](#) para obter mais informações sobre o ícone **RSSI**.

#### **5.7.31.1**

### **Exibição de Valores RSSI**

Na tela inicial, pressione ◀ três vezes e pressione imediatamente ▶, dentro de cinco segundos.

O visor exibe os valores atuais de RSSI.

Para retornar à tela inicial, pressione e segure .

## 5.7.32

## Programação do Painel Frontal

Você pode personalizar determinados parâmetros de recursos na FPP (Front Panel Programming, programação do painel frontal) para otimizar o uso do rádio.

Use os botões a seguir, conforme necessário, ao navegar pelos parâmetros de recursos.

### Botão de Navegação Cima/Baixo

Pressione para navegar horizontal ou verticalmente pelas opções ou aumentar ou diminuir os valores.

### Botão Menu/OK

Pressione para selecionar a opção ou inserir um submenu.

### Botão Retornar/Início

Pressione brevemente para retornar ao menu anterior ou para sair da tela de seleção.

Mantenha pressionado a qualquer momento para voltar à tela Inicial.

## 5.7.32.1

## Entrar no Modo de Programação do Painel Frontal

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Programar Rádio.  
Pressione  para selecionar.

---

## 5.7.32.2

## Editar os Parâmetros do Modo FPP

Use os botões a seguir, conforme necessário, ao navegar pelos parâmetros do recurso.

- ▲ , ▼ – Percorra as opções, aumente/diminua valores ou navegue verticalmente.
-  – Selecione a opção ou insira um submenu.

-  – Pressione brevemente para retornar ao menu anterior ou para sair da tela de seleção. Mantenha pressionado para retornar à Tela Inicial.

## 5.7.33

## Operação Wi-Fi

Esse recurso permite configurar e se conectar a uma rede Wi-Fi. O Wi-Fi suporta atualizações de firmware do rádio, codeplug e recursos, como pacotes de idiomas e anúncio de voz.



### OBSERVAÇÃO:

Esse recurso se aplica somente ao DGP 5550e/DGP 8550e.

Wi-Fi® é uma marca registrada da Wi-Fi Alliance®.

Seu rádio é compatível com redes Wi-Fi WEP/WPA/WPA2 Pessoal e WPA/WPA2 Comercial.

### Rede Wi-Fi WEP/WPA/WPA2 Pessoal

Usa autenticação com base em chave pré-compartilhada (pessoal).

A chave pré-compartilhada pode ser inserida usando-se o menu ou o CPS/RM.

### Rede Wi-Fi WPA/WPA2 Comercial

Usa autenticação com base em certificado.

Seu rádio deve ser pré-configurado com um certificado.



### OBSERVAÇÃO:

Consulte seu revendedor ou administrador do sistema para se informar sobre a conexão via rede Wi-Fi WPA/WPA2 Comercial.

O botão programado **Wi-Fi Ligado ou Desligado** é atribuído pelo revendedor ou administrador do sistema. Verifique com seu fornecedor ou administrador do sistema como seu rádio foi programado.

Anúncios de Voz para o botão programado **Wi-Fi Ligado ou Desligado** podem ser personalizados pelo CPS de acordo com os requisitos do usuário. Obtenha mais

informações com seu revendedor ou administrador do sistema.



#### OBSERVAÇÃO:

Você pode ativar ou desativar o Wi-Fi remotamente usando um rádio de supervisão (consulte [Ligar ou Desligar o Wi-Fi Remotamente Usando um Rádio Designado \(Controle Individual\)](#) na página 229 e [Ligar ou Desligar o Wi-Fi Remotamente Usando um Rádio Designado \(Controle de Grupo\)](#) na página 230 ). Obtenha mais informações com seu revendedor ou administrador do sistema.

#### 5.7.33.1

### Ligar ou Desligar o Wi-Fi

- 1 Pressione o botão programado **Wi-Fi ligado ou desligado**. A Notificação de Voz funciona ao Ativar ou Desativar o Wi-Fi.

- 2 Acesse esse recurso usando o menu.

- a Pressione  para acessar o menu.

- b Pressione ▲ ou ▼ para Wi-Fi e pressione

 para selecionar.

- c Pressione ▲ ou ▼ para Wi-Fi Ligado e

pressione  para selecionar.

- d Pressione  para ativar/desativar o Wi-Fi.

Se ativado, o visor mostra ✓ ao lado de Habilitado.

Se desativado, o ✓ desaparece do lado de Habilitado.

## 5.7.33.2

## Ligar ou Desligar o Wi-Fi Remotamente Usando um Rádio Designado (Controle Individual)

Você pode ligar ou desligar o Wi-Fi remotamente no Controle individual (um para um).



### OBSERVAÇÃO:

Somente rádios com configuração específica de CPS aceitam essa função. Verifique com seu revendedor ou o administrador do sistema para obter mais informações.

#### 1 Execute uma das seguintes opções:

- Mantenha o botão programável pressionado. Use o teclado para inserir a ID e pressione  para selecionar. Vá para [etapa 4](#).
- Pressione  para acessar o menu.

#### 2 Pressione ou para Contatos e pressione



para selecionar.

#### 3 Siga um dos procedimentos descritos a seguir para selecionar o nome ou ID de rádio necessário:

- Selecione o nome do rádio diretamente.
  - Pressione  ou  para o alias ou ID do rádio necessário.
- Use o menu Discagem Manual.
  - Pressione  ou  para Discagem Manual e pressione  para selecionar.
  - Selecione Número do Rádio e use o teclado para inserir a ID. Pressione  para selecionar.

#### 4 Pressione ou para Controle de Wi-Fi e pressione para selecionar.

#### 5 Pressione ou para selecionar Ligado ou Desligado.

6

Pressione  para selecionar.

Se bem-sucedido, o visor mostra uma mininota positiva.

Se malsucedido, o visor mostra uma mininota negativa.

### 5.7.33.3

## Ligar ou Desligar o Wi-Fi Remotamente Usando um Rádio Designado (Controle de Grupo)

Você pode ligar ou desligar o Wi-Fi remotamente no Controle de grupo (um para muitos).



### OBSERVAÇÃO:

Somente rádios com configuração específica de CPS aceitam essa função. Verifique com seu revendedor ou o administrador do sistema para obter mais informações.

1

Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Contatos e pressione

 para selecionar.

3 Pressione ▲ ou ▼ para selecionar o alias ou ID do rádio.

4 Pressione ▲ ou ▼ para Controle de Wi-Fi e

pressione  para selecionar.

5 Pressione ▲ ou ▼ para selecionar Ligado ou Desligado.

6

Pressione  para selecionar.

Se bem-sucedido, o visor mostra Enviado com Sucesso.

Se malsucedido, o visor mostra uma mininota negativa.

## 5.7.33.4

## Conectar-se a um ponto de acesso de rede

Quando você ativar o Wi-Fi, o rádio lê e conecta-se a um ponto de acesso de rede.



### OBSERVAÇÃO:

Você também pode se conectar a um ponto de acesso de rede através do menu.

Os pontos de acesso à rede Wi-Fi WPA Comercial são pré-configurados. Verifique com seu fornecedor ou administrador do sistema como seu rádio foi programado.

1

Pressione  para acessar o menu.

2

Pressione  ou  para Wi-Fi e pressione  para selecionar.

3

Pressione  ou  para Redes e pressione  para selecionar.

- 4 Pressione  ou  para um ponto de acesso de redes e pressione  para selecionar.



### OBSERVAÇÃO:

Para Wi-Fi WPA Comercial, se um ponto de acesso à rede não estiver pré-configurado, a opção *Conectar* não estará disponível.

- 5 Pressione  ou  para *Conectar* e pressione  para selecionar.

- 6 Para Wi-Fi WPA Pessoal, insira a senha e pressione .

- 7 Para Wi-Fi WPA Comercial, a senha é configurada com o uso de RM.

Se a senha pré-configurada estiver correta, seu rádio se conectará automaticamente ao ponto de acesso à rede selecionado.



Se a senha pré-configurada estiver incorreta, o visor exibirá *Falha na Autenticação* e voltará automaticamente para o menu anterior.

Quando a conexão for realizada com sucesso, o rádio exibirá um aviso, e o ponto de acesso à rede será salvo na lista de perfis.

Se a conexão não for realizada com sucesso, o visor do rádio exibirá temporariamente a tela de aviso de falha e voltará automaticamente para o menu anterior.

#### 5.7.33.5

### Verificar Status da Conexão Wi-Fi

Pressione o botão programado **Consulta do Status do Wi-Fi** para saber o status de conexão usando o Anúncio de Voz. A Notificação de Voz funciona com o Wi-Fi Desativado, com o Wi-Fi Ativado, mas sem conexão ou com o Wi-Fi Ativado com conexão.

- O visor mostra *Wi-Fi Desligado* quando o Wi-Fi está desligado.
- O visor mostra *Wi-Fi Ligado, Conectado* quando o rádio está conectado a uma rede.

- O visor mostra *Wi-Fi Ligado, Desconectado* quando o Wi-Fi está ativado, mas o rádio não está conectado a nenhuma rede.

Anúncios de Voz para os resultados da consulta de status do Wi-Fi podem ser personalizados pelo CPS de acordo com os requisitos do usuário. Obtenha mais informações com seu revendedor ou administrador do sistema.



#### **OBSERVAÇÃO:**

O botão programado **Consulta do Status do Wi-Fi** é atribuído pelo revendedor ou administrador do sistema. Verifique com seu fornecedor ou administrador do sistema como seu rádio foi programado.

#### 5.7.33.6

### Atualizar a Lista de Redes

- Realize as seguintes ações para atualizar a lista de redes pelo menu.
  - a. Pressione  para acessar o menu.

b. Pressione ▲ ou ▼ para Wi-Fi e pressione



para selecionar.

c. Pressione ▲ ou ▼ para Redes e pressione



para selecionar.

Quando você acessa o menu Redes, o rádio automaticamente atualiza a lista de redes.

- Se você já estiver no menu Redes, realize a ação a seguir para atualizar a lista de redes.

Pressione ▲ ou ▼ para Atualizar e pressione



para selecionar.

O rádio é atualizado e mostra a lista de redes mais recente.

### 5.7.33.7

## Adicionar uma Rede



### OBSERVAÇÃO:

Esta tarefa não se aplica a redes de Wi-Fi WPA Comercial.

Se nenhuma rede preferencial estiver disponível na lista, realize as seguintes ações para adicionar uma rede.

1

Pressione para acessar o menu.

2

Pressione ▲ ou ▼ para Wi-Fi e pressione para selecionar.

3

Pressione ▲ ou ▼ para Redes e pressione para selecionar.

4

Pressione ▲ ou ▼ para Adicionar Rede e pressione para selecionar.

5

Digite o SSID (Service Set Identifier, Identificador de Conjunto de Serviço) e pressione .

6

Pressione ▲ ou ▼ para Abrir e pressione para selecionar.

7

Digite a senha e pressione .

O rádio exibe uma mininota positiva para indicar que a rede foi salva.

### 5.7.33.8

## Visualizar Detalhes de Pontos de Acesso de Rede

Você pode exibir os detalhes dos pontos de acesso à rede.

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Wi-Fi e pressione  para selecionar.

3

Pressione ▲ ou ▼ para Redes e pressione  para selecionar.

4 Pressione ▲ ou ▼ para um ponto de acesso de redes e pressione  para selecionar.

5 Pressione ▲ ou ▼ para Exibir Detalhes e pressione  para selecionar.



### OBSERVAÇÃO:

Wi-Fi WPA Pessoal e Wi-Fi WPA Comercial apresentam diferentes detalhes de Pontos de Acesso à Rede.

### Wifi WPA Pessoal

Para um ponto de acesso à rede conectado, seu rádio exibe o SSID (Service Set Identifier, identificador de conjunto de serviço), o Modo de Segurança, o endereço MAC (Media Access Control, controle de acesso de mídia) e o endereço IP (Internet Protocol, protocolo de Internet).

Para um ponto de acesso à rede não conectado, seu rádio exibe o SSID e o Modo de Segurança.

### Wi-Fi WPA Comercial

Para um ponto de acesso à rede conectado, seu rádio exibe o SSID, o Modo de Segurança, a Identidade, o Método EAP (Extended Authentication Protocol,

protocolo de autenticação estendido), a Autenticação Fase 2, o Nome do Certificado, o endereço MAC, o endereço IP, o Gateway, o DNS1 e o DNS2.

Para um ponto de acesso à rede não conectado, seu rádio exibe o SSID, o Modo de Segurança, a identidade, o Método EAP, a Autenticação fase 2 e o Nome do Certificado.

### 5.7.33.9

## Remover Pontos de Acesso de Rede



### OBSERVAÇÃO:

Esta tarefa não se aplica a redes de Wi-Fi Comercial.

Realize as ações a seguir para remover da lista de perfil pontos de acesso à rede.

1

Pressione  para acessar o menu.

2

Pressione  ou  para Wi-Fi e pressione  para selecionar.

3

Pressione  ou  para Redes e pressione  para selecionar.

4

Pressione  ou  para o ponto de acesso selecionado da rede e pressione  para selecionar.

5

Pressione  ou  para Remover e pressione  para selecionar.

6

Pressione  ou  para Sim e pressione  para selecionar.

O rádio mostra uma mininota positiva para indicar que o ponto selecionado de acesso à rede foi removido com sucesso.

## 5.8

## Serviços Públicos

Este capítulo explica as operações dos utilitários disponíveis no rádio.

## 5.8.1

### Opções de Bloqueio do Teclado

Com esse recurso, você pode evitar que os botões sejam pressionados acidentalmente ou que os canais sejam alterados quando o rádio não está em uso. Você pode optar por bloquear o teclado, botão seletor de canal, ou ambos; dependendo dos seus requisitos.

O revendedor pode usar o CPS/RM para configurar uma das seguintes opções:

- Bloquear Teclado
- Botão Seletor de Canal
- Botão de Bloqueio de Teclado e botão Seletor de Canal

Entre em contato com seu revendedor para determinar como seu rádio foi programado.

## 5.8.1.1

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## Ativar o Opção de Bloqueio do Teclado

As etapas a seguir são aplicáveis para a opção Bloquear teclado, Bloquear Botão Seletor de Canal, ou Bloquear Teclado e Botão Seletor de Canal, dependendo de como o rádio foi configurado.

1 Execute uma das seguintes opções:

- Pressione o botão programado **Bloq. do rádio**. Pule as etapas a seguir.
- Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

4 Pressione ▲ ou ▼ para Bloq. do Teclado. Pressione  para selecionar.

O monitor exibe Bloqueado.

## 5.8.1.2

## Desativar a opção Bloqueio do Teclado

As etapas a seguir são aplicáveis para a opção Bloquear teclado, Bloquear Botão Seletor de Canal, ou Bloquear Teclado e Botão Seletor de Canal, dependendo de como o rádio foi configurado.

Execute uma das seguintes opções:

- Pressione o botão programado **Bloq. do rádio**.
- Quando o monitor exibe Menu e \* para

desbloquear, pressione  seguido de .

O monitor exibe Desbloqueado.

## 5.8.2

## Identificar o Tipo de Cabo

Siga as etapas a seguir para selecionar o tipo de cabo usado pelo rádio.

1

Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

4 Pressione ▲ ou ▼ para Tipo de Cabo. Pressione  para selecionar.

5 Pressione ▲ ou ▼ para alterar a opção selecionada.  
O tipo de cabo atual é indicado por um ✓.

## 5.8.3

## Definir o Temporizador do Menu

Você pode definir o período em que o rádio ficará no menu antes de alternar automaticamente para a tela Inicial. Siga o procedimento para configurar o timer do menu.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Monitor. Pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para Timer do Menu. Pressione  para selecionar.

---

- 6 Pressione ▲ ou ▼ para a configuração pretendida. Pressione  para selecionar.

---

#### 5.8.4

## Texto para fala

A função de Texto para fala pode ser ativada apenas pelo revendedor. Se o Texto para Fala estiver ativado, o recurso de Notificação de Voz será desativado automaticamente. Se a Notificação de Voz ativado, a função de Texto para Fala é desativada automaticamente.

Esse recurso permite que o rádio indique de forma audível os seguintes recursos:

- Canal Atual
- Zona Atual
- Recurso de botão programado ativado ou desativado
- Conteúdo das mensagens de texto recebidas
- Conteúdo dos Tíquetes de Trabalho recebidos

Esse indicador sonoro pode ser personalizado de acordo com os requisitos do cliente. Essa função é útil em situações nas quais é difícil ler o conteúdo exibido no visor.

#### 5.8.4.1

## Configurar Texto para Fala

Siga o procedimento para configurar a função Texto para Fala.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Notificação de Voz. Pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para qualquer uma das funções a seguir. Pressione  para selecionar.  
As funções disponíveis são as seguintes.
  - Todos
  - Mensagens
  - Tíquetes de trabalho
  - Canal

- Controlador de
  - Programar botão
- ✓ aparece ao lado da configuração selecionada.

### 5.8.5

## Ativar ou Desativar o Recurso Supressor de Feedback Acústico

Este recurso permite que o usuário minimize o feedback acústico em chamadas recebidas.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.

---



- 4 Pressione ▲ ou ▼ para Supressor AF e

pressione  para selecionar.

Você também pode usar os botões ◀ ou ▶ para alterar a opção selecionada.

- 5 Siga um dos procedimentos a seguir.

- Pressione  para ativar o Supressor de Feedback Acústico. O monitor exibe ✓ ao lado de Habilitada.
- Pressione  para desativar o Supressor de Feedback Acústico. O ✓ desaparece do lado de Habilitada.

## 5.8.6

# Ativar ou Desativar o Sistema Global de Navegação por Satélite

O GNSS (Global Navigation Satellite System, sistema global de navegação por satélite) é um sistema de navegação via satélite que determina a localização precisa

do rádio. GNSS inclui o Sistema de Posicionamento Global (GPS), o Sistema de Satélites de Navegação Global (GLONASS) e o Sistema de Satélites de Navegação BeiDou (BDS).



## OBSERVAÇÃO:

Modelos de rádio selecionados podem oferecer GPS, GLONASS e BDS. A constelação GNSS é configurada via CPS. Verifique com seu fornecedor ou administrador do sistema como seu rádio foi programado.

1

- 2 Execute uma das seguintes etapas para alternar entre GNSS ativado ou desativado no seu rádio.

- Pressione o botão programado **GNSS**.

- Pressione  para acessar o menu. Vá para a próxima etapa.

- 3 Pressione ▲ ou ▼ para Utilitários. Pressione



para selecionar.

4 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

5 Pressione ▲ ou ▼ para GNSS. Pressione  para selecionar.

---

6 Pressione  para ativar ou desativar o GNSS.  
Se ativado, ✓ será exibido ao lado de Ativado.  
Se desativado, o ✓ desaparece do lado de Ativado.

---

### 5.8.7

## Ativar ou Desativar a Tela de Abertura

É possível habilitar e desabilitar a Tela de Abertura com o procedimento a seguir.

1 Pressione  para acessar o menu.

---

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Monitor. Pressione  para selecionar.

---

5 Pressione ▲ ou ▼ para Tela Abertura.  
Pressione  para selecionar.

---

6 Pressione  para habilitar ou desabilitar a Tela de Abertura.

O visor exibe um dos seguintes resultados:

- Se ativado, ✓ será exibido ao lado de Ativado.
  - Se desativado, o ✓ desaparece do lado de Ativado.
-

## 5.8.8

## Ativar ou Desativar os Tons/Alertas do Rádio

Se necessário, você pode habilitar e desabilitar todos os tons e alertas de rádio, exceto o tom de alerta de Emergência de entrada. Siga o procedimento para ativar ou desativar tons e alertas no rádio.

1 Execute uma das seguintes opções:

- Pressione o botão **Tons/Alertas** programado. Pule as etapas a seguir.
- Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

4 Pressione ▲ ou ▼ para Tons/Alertas.

Pressione  para selecionar.

5 Pressione ▲ ou ▼ para Todos os Tons.

Pressione  para selecionar.

6 Pressione  para ativar ou desativar todos os tons e alertas. O visor exibe um dos seguintes resultados:

- Se ativado, ✓ será exibido ao lado de Ativado.
- Se desativado, o ✓ desaparece do lado de Ativado.

## 5.8.9

## Configurar Níveis de Diferença de Volume de Tons/Alertas

Esse recurso ajusta o volume dos tons/alertas, permitindo que ele seja mais alto ou mais baixo do que o volume de voz. Siga o procedimento para configurar os níveis de ajuste de volume para tons e alertas no rádio.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Tons/Alertas. Pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para Dif. Volume Pressione  para selecionar.

---

- 6 Pressione ▲ ou ▼ para o nível de diferença de volume desejado.  
Um tom de retorno é emitido para cada nível de diferença de volume correspondente.

---

- 7 Execute uma das seguintes opções:

- Pressione  para selecionar. O nível de diferença de volume necessário é salvo.
- Pressione  para sair. As alterações são descartadas.

## 5.8.10

## Ativar ou Desativar Tom Permitir Falar

Siga o procedimento para ativar ou desativar o Tom Permitir Falar no rádio.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Tons/Alertas.

Pressione  para selecionar.

---

5 Pressione ▲ ou ▼ para Permitir Falar.

Pressione  para selecionar.

---

6 Pressione  para ativar/desativar o Tom de Permissão de Conversa.

O visor exibe um dos seguintes resultados:

- Se ativado, ✓ será exibido ao lado de Ativado.
  - Se desativado, o ✓ desaparece do lado de Ativado.
- 

### 5.8.11

## Ativar ou Desativar o Tom Ligar

Siga o procedimento para ativar ou desativar o Tom Ligar no rádio.

1 Pressione  para acessar o menu.

---

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Tons/Alertas. Pressione  para selecionar.

---

5 Pressione ▲ ou ▼ para Ligar. Pressione  para selecionar.

---

6 Pressione  para habilitar ou desabilitar o Tom de Inicialização. O visor exibe um dos seguintes resultados:

- Se ativado, ✓ será exibido ao lado de Ativado.

- Se desativado, o  desaparece do lado de Ativado.

## 5.8.12

## Configurar Tons de Alerta de Mensagem de Texto

Você pode personalizar o tom de alerta de mensagem de texto para cada entrada da Lista de Contatos. Siga o procedimento para configurar os tons de alerta de mensagem de texto no rádio.

- 1 Pressione  para acessar o menu.
- 2 Pressione  ou  para Contatos. Pressione  para selecionar.
- 3 Pressione  ou  para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar.

- 4 Pressione  ou  para Alerta de Mensagem.

Pressione  para selecionar.

- 5 Execute uma das seguintes opções:

- Pressione  ou  para Momentâneo.

Pressione  para selecionar.  
O visor exibirá  ao lado de Momentâneo.

- Pressione  ou  para Repetitivo.

Pressione  para selecionar.  
O visor exibirá  ao lado de Repetitiva.

## 5.8.13

## Níveis de Energia

Você pode personalizar a configuração de energia do rádio para alta ou baixa em cada canal.

### Alto

Alta permite a comunicação com rádios localizados a uma distância considerável de você.

**Low**

Baixa permite a comunicação com rádios mais próximos.

**OBSERVAÇÃO:**

Esse recurso não se aplica a canais de Banda Civil que estão na mesma frequência.

## 5.8.13.1

**Configuração de Níveis de Energia**

Siga o procedimento para configurar os níveis de energia no rádio.

**1** Execute uma das seguintes opções:

- Pressione o botão **Nível de Potência** programado. Ignorar as etapas abaixo.
- Pressione  para acessar o menu.

**2** Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.**3** Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.**4** Pressione ▲ ou ▼ para Energia. Pressione  para selecionar.**5** Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Alta. Pressione  para selecionar.  
O monitor exibirá ✓ ao lado de Alto.
- Pressione ▲ ou ▼ para Baixa. Pressione  para selecionar.  
O monitor exibirá ✓ ao lado de Baixo.

**6** Mantenha  pressionado para retornar à Tela Inicial.

## 5.8.14

## Alterar Modos do Monitor

Você pode alterar o modo do visor do rádio entre Dia ou Noite, conforme necessário. Esse recurso afeta a paleta de cores do visor. Siga o procedimento para alterar o modo de exibição do rádio.

- 1 Execute uma das seguintes opções:
  - Pressione o botão **Modo de Exibição** programado. Pule as etapas a seguir.
  - Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

4

Pressione ▲ ou ▼ para Monitor. Pressione  para selecionar.

O monitor mostra Modo dia e Modo noite.

5

Pressione ▲ ou ▼ para a configuração

pretendida. Pressione  para selecionar.

O monitor exibirá ✓ ao lado da configuração selecionada.

## 5.8.15

## Ajustar o Brilho do Visor

Siga o procedimento para ajustar o brilho do visor do rádio.

- 1 Execute uma das seguintes opções:

- Pressione o botão programado de **Brilho**. Pule as etapas a seguir.
- Pressione  para acessar o menu.



2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

4 Pressione ▲ ou ▼ para Brilho. Pressione  para selecionar.  
O visor exibirá uma barra de progresso.

5 Pressione ▲ ou ▼ para aumentar ou diminuir o brilho do visor. Pressione  para selecionar.

#### 5.8.16

## Definir Tempo da Luz de Fundo do Visor

Você pode o timer da luz de fundo do visor do rádio conforme necessário. A configuração também afeta os botões de Navegação no Menu e a luz de fundo do teclado

de forma adequada. Siga o procedimento para configurar o timer da luz de fundo no rádio.

1 Execute uma das seguintes opções:

- Pressione o botão **Luz de Fundo** programado. Pule as etapas a seguir.
- Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

4 Pressione ▲ ou ▼ para Monitor. Pressione  para selecionar.

5 Pressione ▲ ou ▼ para Timer da Luz de Fundo. Pressione  para selecionar.

A luz de fundo do visor e a luz de fundo do teclado serão automaticamente desligadas se o indicador de LED for desabilitado. Consulte [Ativar ou Desativar os Indicadores de LED na página 249](#) para obter mais informações.

## 5.8.17

## Ativar ou Desativar Luz de Fundo

Você pode ativar ou desativar a opção de da luz de fundo do rádio automática conforme necessário. Se habilitada, a luz de fundo é ligada quando o rádio receber uma chamada, evento da Lista de Notificações ou Alarme de Emergência.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione  ou  para Utilitários. Pressione  para selecionar.

---

- 3 Pressione  ou  para Configurações do rádio. Pressione  para selecionar.

---

- 4 Pressione  ou  para Luz de Fundo Automática.

---

- 5 Pressione  para ativar ou desativar a Luz de Fundo Automática.

O visor exibe um dos seguintes resultados:

- Se ativado,  será exibido ao lado de Ativado.
  - Se desativado, o  desaparece do lado de Ativado.
- 

## 5.8.18

## Ativar ou Desativar os Indicadores de LED

Siga o procedimento para ativar ou desativar os indicadores de LED no rádio.

- 1 Pressione  para acessar o menu.

---

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Indicador de LED. Pressione  para selecionar.

---

5 Pressione  para ativar ou desativar o indicador de LED.

O visor exibe um dos seguintes resultados:

- Se ativado, ✓ será exibido ao lado de Ativado.
  - Se desativado, o ✓ desaparece do lado de Ativado.
- 

5.8.19

## Configurar Idiomas

Siga o procedimento para configurar os idiomas no rádio.

1 Pressione  para acessar o menu.

---

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Idiomas. Pressione  para selecionar.

---

5 Pressione ▲ ou ▼ para o idioma pretendido. Pressione  para selecionar.

O monitor exibirá ✓ ao lado do idioma selecionado.

---

## 5.8.20

## Ativar ou Desativar Placa Opcional

Os recursos da placa opcional em cada canal podem ser atribuídos a botões programáveis. Siga o procedimento para ativar ou desativar a placa opcional no rádio.

Pressione o botão programado **Placa Opcional**.

---

## 5.8.21

## Ativar ou Desativar a Notificação de VOZ

Essa função permite que o rádio indique sonoramente a zona ou o canal atual que o usuário acabou de atribuir ou o botão programável que o usuário acabou de pressionar.

Isto costuma ser útil em situações em que o usuário tem dificuldade em ler o conteúdo exibido no visor.

Esse indicador de áudio pode ser personalizado de acordo com as necessidades do cliente. Siga o procedimento para ativar ou desativar a Notificação de Voz no rádio.

1 Execute uma das seguintes opções:

- Pressione o botão programado **Anúncio de Voz**. Pule as etapas a seguir.

- Pressione  para acessar o menu.
- 

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.
- 

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.
- 

- 4 Pressione ▲ ou ▼ para Notificação de Voz. Pressione  para selecionar.
- 

- 5 Pressione  para ativar/desativar a Anúncio de Voz.

- Se ativado, ✓ será exibido ao lado de Ativado.
  - Se desativado, o ✓ desaparece do lado de Ativado.
-

## 5.8.22

## Ativar ou Desativar o Microfone Digital AGC

O Microfone Digital AGC (Controle de Ganho Automático) controla o ganho do microfone do rádio automaticamente durante a transmissão em um sistema digital.

Ele suprime o áudio alto ou amplia o áudio baixo para um valor predefinido para oferecer um nível consistente de áudio. Siga o procedimento para ativar ou desativar o Microfone Digital AGC do rádio.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Mic AGC-D. Pressione



para selecionar.

## 5

Pressione  para ativar ou desativar AGC de Microfone Digital.

O visor exibe um dos seguintes resultados:

- Se ativado, ✓ será exibido ao lado de Ativado.
- Se desativado, o ✓ desaparece do lado de Ativado.

## 5.8.23

## Alternar a Rota de Áudio entre o Alto-Falante Interno do Rádio e o Acessório com Fio

Siga o procedimento para alternar a rota de áudio entre o alto-falante interno do rádio e o acessório com fio.

Você pode alternar entre a rota de áudio entre o alto-falante interno do rádio e o alto-falante de um acessório com fio contanto que:

- O acessório com fios com alto-falante esteja conectado.
- O áudio não está roteado para um acessório externo para Bluetooth.

Pressione o botão **Alternância de Áudio** programado.

Será emitido um som quando a rota de áudio for alternada.

Desligar o rádio ou desconectar o acessório redefine o roteamento de áudio para alto-falante interno do rádio.

#### 5.8.24

### Ativar ou Desativar o Áudio Inteligente

Seu rádio ajusta automaticamente o volume de áudio para superar o ruído de fundo atual no ambiente, inclusive de todas as fontes de ruído estacionárias ou não estacionárias. Essa função é somente para recepção e não afeta o áudio da transmissão. Siga o procedimento para ativar ou desativar o áudio inteligente do rádio.



#### OBSERVAÇÃO:

Essa função não é aplicável durante uma sessão de Bluetooth.

1 Execute uma das seguintes opções:

- Pressione o botão programado **Áudio Inteligente**. Ignorar as etapas abaixo.
- Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

4 Pressione ▲ ou ▼ para Áudio Inteligente. Pressione  para selecionar.

5 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Ligar. Pressione  para selecionar. O visor exibe ✓ ao lado de Ligado.
- Pressione ▲ ou ▼ para Desligar. Pressione  para selecionar. O visor exibe ✓ ao lado de Desligado.

#### 5.8.25

## Ativar e Desativar Aprimoramento de Trinado

Você pode habilitar este recurso quando estiver falando em um idioma que contenha pronúncias com muitas vibrações alveolares. Siga o procedimento para ativar ou desativar a Melhoria Sonora no rádio.

- 1 Execute uma das seguintes opções:
  - Pressione o botão programado **Melhoria Sonora**. Ignorar as etapas abaixo.
  - Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Melhoria Sonora. Pressione  para selecionar.

- 5 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Ligar. Pressione  para selecionar. O visor exibe ✓ ao lado de Ligado.
- Pressione ▲ ou ▼ para Desligar. Pressione  para selecionar. O visor exibe ✓ ao lado de Desligado.

## 5.8.26

## Ativar ou Desativar o Recurso Controle de Distorção Dinâmica do Microfone

Com este recurso, o usuário pode ativar o rádio para monitorar automaticamente a entrada do microfone e ajustar o valor de ganho do microfone para evitar perdas de áudio.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Distorção Mic. Pressione  para selecionar.

---

5 Execute uma das seguintes opções:

- Pressione  para habilitar o Controle de Distorção Dinâmica do Microfone. Se ativado, ✓ será exibido ao lado de Ativado.
- Pressione  para desabilitar o Controle de Distorção Dinâmica do Microfone. Se desativado, o ✓ desaparece do lado de Ativado.

## 5.8.27

## Configurar Áudio Ambiente

Siga o procedimento para configurar o áudio ambiente no rádio de acordo com o ambiente.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---



3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Áudio Ambiente. Pressione  para selecionar.

---

5 Pressione ▲ ou ▼ para a configuração pretendida. Pressione  para selecionar.

As configurações são as seguintes:

- Escolha Padrão para as configurações de fábrica padrão.
- Escolha Alto para aumentar a sonoridade do alto-falante durante o uso em ambientes ruidosos.
- Escolha Grupo de Trabalho para reduzir o retorno acústico quando estiver usando com um grupo de rádios que estão próximos um do outro.

O monitor exibirá  ao lado da configuração selecionada.

---

## 5.8.28

# Como Configurar Perfis de Áudio

Siga o procedimento para configurar os perfis de áudio no rádio.

1 Pressione  para acessar o menu.

---

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Perfis de Áudio. Pressione  para selecionar.

---

5 Pressione ▲ ou ▼ para a configuração pretendida. Pressione  para selecionar.

As configurações são as seguintes:

- Escolha Padrão para desativar o perfil de áudio selecionado anteriormente e restaurar as configurações de fábrica padrão.
- Escolha Nível 1, Nível 2 ou Nível 3 para perfis de áudio destinados a compensar as perdas auditivas típicas de adultos com mais de 40 anos de idade.
- Escolha Reforço de Agudos, Reforço de Médio, ou Reforço de Graves para perfis de áudio adequados às suas preferências por tons mais agudos, nasais ou graves.

O monitor exibirá  ao lado da configuração selecionada.

- Atualização de software.
- Informações do GNSS.
- Informações do site.
- Indicador de Intensidade do Sinal Recebido.



#### OBSERVAÇÃO:

Pressione  para retornar à tela anterior.

Mantenha  pressionado para retornar à Tela Inicial. O rádio sai da tela atual assim que o temporizador de inatividade expira.

#### 5.8.29.1

### Acessar Informações da Bateria

Exibe informações sobre a bateria do rádio.

1

Pressione  para acessar o menu.

2

Pressione  ou  para Utilitários. Pressione  para selecionar.

#### 5.8.29

### Informações Gerais do Rádio

O rádio contém informações sobre vários parâmetros gerais.

As informações gerais do seu rádio são as seguintes:

- Informações da bateria.
- Nome e ID do rádio.
- Versões de Firmware e Codeplug.

- 3 Pressione ▲ ou ▼ para Info do Rádio. Pressione  para selecionar.
- 

- 4 Pressione ▲ ou ▼ para Info da Bateria. Pressione  para selecionar.



**OBSERVAÇÃO:**

Somente para baterias **IMPRES**: O monitor exibe Recondicionar Bateria quando a bateria exigir recondicionamento em um carregador IMPRES. Após o processo de recondicionamento, o monitor exibirá as informações da bateria.

O monitor exibe as informações da bateria.



**OBSERVAÇÃO:**

Para uma bateria não compatível, o visor mostra Bateria Desconhecida.

- Pressione o botão programado **Alias e ID do Rádio**. Pule as etapas a seguir. Um tom indicador positivo é emitido. Você também pode pressionar o botão programado **Alias e ID do Rádio** para retornar à tela anterior.
  - Pressione  para acessar o menu.
- 

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.
- 

- 3 Pressione ▲ ou ▼ para Info do Rádio. Pressione  para selecionar.
- 

- 4 Pressione ▲ ou ▼ para Meu ID. Pressione  para selecionar.

A primeira linha de texto exibirá o alias do rádio. A segunda linha do texto exibirá o ID do rádio.

---

5.8.29.2

## Verificar Alias e ID do Rádio

- 1 Execute uma das seguintes opções:

## 5.8.29.3

## Verificar versões de firmware e codeplug

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Info do Rádio.  
Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Versões. Pressione  para selecionar.  
O visor exibe as versões atuais de firmware e codeplug.

---

## 5.8.29.4

## Verificar Informações do GNSS

Exibe as informações de GNSS no rádio, como valores de:

- Latitude
- Longitude
- Altitude
- Direção
- Velocidade
- HDOP (Horizontal Dilution of Precision, diluição da precisão horizontal)
- Satélites
- Versão

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Info do Rádio.  
Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Info do GNSS. Pressione  para selecionar.
- 

- 5 Pressione ▲ ou ▼ para o item necessário. Pressione  para selecionar. O monitor exibe as informações de GNSS solicitadas.
- 

#### 5.8.29.5

### Verificar Informações de Atualização de Software

Esse recurso exibe a data e a hora de atualização mais recente do software realizada por OTAP ou Wi-Fi. Siga o procedimento para verificar as informações de atualização do software no rádio.

- 1 Pressione  para acessar o menu.
- 
- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.
- 

- 3 Pressione ▲ ou ▼ para Info do Rádio. Pressione  para selecionar.
- 

- 4 Pressione ▲ ou ▼ para Atualização de Software. Pressione  para selecionar. O monitor de LCD exibe a data e hora da última atualização do software.
- 

O menu Atualização de Software fica disponível apenas depois de pelo menos uma sessão OTAP ou Wi-Fi realizada com sucesso. Consulte [Programação Over-the-Air na página 579](#) para obter mais informações.

#### 5.8.29.6

### Exibir Informações do Site

Siga o procedimento para exibir o nome do site atual do seu rádio.

- 1 Pressione  para acessar o menu.
-

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Informações do Rádio. Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Informações do Site. Pressione  para selecionar.

---

O visor mostra o nome do site atual.

### 5.8.30

## Visualizar Detalhes do Certificado Wi-Fi Comercial

Você pode exibir os detalhes do Certificado Wi-Fi Comercial selecionado.

1 Pressione  para acessar o menu.

---

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Menu de Certificado. Pressione  para selecionar.

✓ aparece do lado dos certificados prontos.

---

4 Pressione ▲ ou ▼ para o certificado necessário. Pressione  para selecionar.

---

Seu rádio exibe os detalhes completos do certificado.



### **OBSERVAÇÃO:**

Para os certificados que não estão prontos, o visor mostra somente o status.

## Connect Plus

---

O Connect Plus é uma solução troncalizada completa com base na tecnologia de DMR. O Connect Plus usa um canal de controle dedicado para solicitações e alocações de canal.

### 6.1

## Controles de Rádio Adicionais no Modo Connect Plus

---

Este capítulo explica os controles adicionais do rádio disponíveis para o usuário por meios pré-programados como, por exemplo, botões programáveis e funções atribuíveis do rádio.

### 6.1.1

## Botão PTT (Push-To-Talk)

O botão **PTT** (Push-To-Talk) de cada lado do rádio tem duas finalidades básicas:

- Enquanto uma chamada está em andamento, o botão **PTT** permite que o rádio transmita a outros rádios na chamada.

Mantenha pressionado o botão **PTT** para falar. Solte o botão **PTT** para ouvir.

O microfone é ativado quando o botão **PTT** é pressionado.

- Quando não há uma chamada em progresso, o botão **PTT** é usado para realizar uma nova chamada (consulte [Fazer uma Chamada de Rádio na página 281](#) ).

Se o Tom de permissão para falar (consulte [Ativar/Desativar Tom Permitir Falar na página 384](#) ) estiver habilitado, aguarde até o tom curto de alerta terminar antes de falar.

### 6.1.2

## Botões Programáveis

O revendedor pode programar os botões programáveis como atalhos para as funções do rádio dependendo de quanto tempo o botão é pressionado:

### Pressionamento curto

Pressionar e soltar rapidamente.

**Pressionamento Longo**

Mantenha pressionado pelo tempo programado.

**OBSERVAÇÃO:**

A duração programada de pressionamento do botão é aplicável a todas as funções ou configurações de rádio/utilitário atribuíveis. Consulte [Operação de emergência na página 322](#) para obter mais informações sobre a duração programada do botão *Emergência*.

**6.1.2.1****Funções de Rádio Atribuíveis****Beacon Ativado/Desativado**

Ativa ou desativa o recurso Beacon. Requer a compra do recurso Man Down do Connect Plus.

**Reinicialização de Beacon**

Redefine (cancela) o tom do Beacon mas não desativa o recurso de sinal. Requer a compra do recurso Man Down do Connect Plus.

**Switch de Áudio de® Bluetooth**

Alterna a rota de áudio entre o alto-falante interno do rádio e o acessório habilitado para Bluetooth.

**Conexão de Bluetooth**

Inicia uma operação de encontrar e conectar Bluetooth.

**Desconexão de Bluetooth**

Encerra todas as conexões Bluetooth existentes entre o seu rádio e dispositivos habilitados para Bluetooth.

**Deteção de Bluetooth**

Permite que o rádio entre no Modo de Descoberta de Bluetooth.

**Cancelamento de Fila Ocupada**

Sai do modo ocupado quando uma chamada que não seja de emergência na Fila de Espera é iniciada. Uma vez aceitas na Fila de Espera, as chamadas de emergência não podem ser canceladas.

**Registro de Chamadas**

Seleciona a lista de registro de chamadas.

**Anúncio de Canal**

Reproduz mensagens de voz de anúncios de zona e canal para o canal atual.

**Contatos**

Fornece acesso direto à lista de contatos.

**Emergência Ativada/Desativada**

Dependendo da programação, inicia ou cancela uma emergência.



### **Localização Interna**

Ativa ou desativa a Localização Interna.

### **Áudio Inteligente**

Ativa ou desativa o áudio inteligente.

### **Ativar/Desativar Alarmes Man Down**

Ativa ou desativa todos os Alarmes Man Down configurados. Requer a compra do recurso Man Down do Connect Plus.

### **Reiniciar Alarmes Man Down**

Se for pressionado enquanto o tom de alerta do recurso Man Down estiver sendo emitido, o tom será cancelado e os contadores do recurso serão zerados, mas isso não desliga os Alarmes Man Down. Requer a compra do recurso Man Down.

### **Discagem Manual**

Dependendo da programação, inicia uma Chamada Privada ou Telefônica teclando qualquer ID do rádio ou número de telefone.

### **Acesso com Um Toque**

Inicia diretamente uma Chamada Privada, um Alerta de Chamada ou uma Mensagem de Texto Rápida.

### **Privacidade**

Ativa ou desativa a privacidade.

### **Verificar Rádio**

Determina se um rádio está ativo em um sistema.

### **Habilitar Rádio**

Permite que um rádio de destino seja habilitado remotamente.

### **Desabilitar Rádio**

Permite que um rádio de destino seja desabilitado remotamente.

### **Monitor Remoto**

Liga o microfone de um rádio de destino sem dar qualquer indicador.

### **Redefinir Canal Inicial**

Define um novo canal inicial.

### **Alerta de Tipo de Campanha**

Fornece acesso direto à Configuração de Tipo de Campanha.

### **Solicitação de Roaming**

Solicitações para pesquisar um site diferente.

### **Verificar**

Ativa ou desativa a varredura.

### **Lembrete de Canal Inicial Silencioso**

Silencia o Lembrete do Canal Inicial.

**Ativar/Desativar Bloqueio de Site**

Quando ativado, o rádio pesquisa apenas o site atual.  
Quando desativado, o rádio pesquisa outros sites além do site atual.

**Mensagem de Texto**

Seleciona o menu de mensagem de texto.

**Estilo de vibração**

Configura o estilo de vibração.

**Ligar/Desligar Anúncio de Voz**

Ativa ou desativa o anúncio de voz.

**Wi-Fi**

Alterna o Wi-Fi entre ativo e desativado.

**Zona**

Permite a seleção em uma lista de zonas.

**6.1.2.2****Configurações Atribuíveis ou Funções Utilitárias****Supressor de AF**

Ativa e desativa o recurso Supressor de Feedback Acústico.

**Todos os Tons/Alertas**

Ativa ou desativa todos os tons e alertas.

**Luz de Fundo**

Acende ou apaga a luz de fundo do visor.

**Brilho da Luz de Fundo**

Ajusta o nível de brilho.

**Modo de Exibição**

Ativa ou desativa o modo de monitor dia/noite.

**Sistema Global de Navegação por Satélite (GNSS)**

Ativa ou desativa o sistema de navegação por satélite.

**Bloqueio do Teclado**

Alterna o teclado entre bloqueado e desbloqueado.

**Nível de Potência**

Alterna entre os níveis alto e baixo de potência de transmissão.

**Não atribuído**

Indica que a função do botão ainda não foi atribuída.

## 6.1.3

## Identificar Indicadores de Status no Modo Connect Plus

O LCD (Liquid Crystal Display, visor de cristal líquido) de 132 x 90 pixels e 256 cores mostra o status do rádio, entradas de texto e entradas de menu.

## 6.1.3.1

### Ícones do Visor

A seguir estão os ícones que são exibidos no visor do rádio. Os ícones são exibidos na barra de status dispostos na extremidade esquerda, em ordem de ocorrência/uso e são específicos do canal.



**RSSI (Received Signal Strength Indicator, indicador de intensidade do sinal recebido)**

O número de barras exibido representa a intensidade do sinal de rádio. Quatro barras indicam o sinal mais intenso. Esse

ícone é exibido apenas durante a recepção.



**Bluetooth Não Conectado**

A função Bluetooth está habilitada, mas não existe nenhum dispositivo Bluetooth remoto conectado.



**Bluetooth conectado**

A função Bluetooth está habilitada. O ícone fica aceso quando um dispositivo Bluetooth remoto está conectado.



**Dados de Alto Volume**

O rádio está recebendo dados de alto volume e o canal está ocupado.



**Local Interno Disponível <sup>4</sup>**

A posição interna está ativada e disponível.



**Local Interno Indisponível <sup>4</sup>**

<sup>4</sup> É aplicável apenas a modelos com a última versão de software e hardware

|                                                                                   |                                                                                                                                          |                                                                                   |                                                                                                                                      |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                   | A posição interna está ativada, mas indisponível porque o Bluetooth está desativado ou a Leitura do Beacon está suspensa pelo Bluetooth. |  | <b>GNSS Disponível</b><br>O recurso de GPS/GNSS está habilitado. O ícone permanece aceso quando um ponto de posição está disponível. |
|  | <b>Modo Mudo</b><br>O Modo Silencioso está ativado e o alto-falante está mudo.                                                           |  | <b>GNSS não Disponível/Fora de Alcance</b><br>O recurso GPS/GNSS está habilitado, mas não está recebendo dados do satélite.          |
|  | <b>Notificação</b><br>A Lista de Notificações possui itens para revisar.                                                                 |  | <b>Verificar</b><br>A função Varredura está habilitada.                                                                              |
|  | <b>Nível de Potência</b><br>O rádio está definido como Potência Baixa ou como Potência Alta.                                             |  | <b>Emergência</b><br>O rádio está no modo de Emergência.                                                                             |
|  | <b>Desativar Tons</b><br>Os tons são desligados.                                                                                         |  | <b>Seguro</b><br>A função Privacidade está habilitada.                                                                               |
|  | <b>Placa Opcional</b><br>A Placa opcional está habilitada.                                                                               |  | <b>Desprotegido</b><br>A função Privacidade está desabilitada.                                                                       |
|  | <b>A Placa Opcional Não Funciona</b><br>A Placa Opcional está desabilitada.                                                              |  | <b>Roaming de Site</b><br>A função Roaming site está habilitada.                                                                     |

|                                                                                   |                                                                                                                               |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
|   | <b>Bateria</b><br>O número de barras (0 – 4) mostradas indica a carga restante da bateria. Pisca quando a bateria está fraca. |
|  | <b>Contato</b><br>O contato por rádio está disponível.                                                                        |
|  | <b>Registro de Chamadas</b><br>Registro de chamadas do rádio.                                                                 |
|  | <b>Mensagem</b><br>Mensagem recebida.                                                                                         |
|  | <b>Apenas Tocar</b><br>O modo de toque está habilitado.                                                                       |
|  | <b>Toque Silencioso</b><br>O modo de toque silencioso está habilitado.                                                        |
|  | <b>Vibrar</b><br>O modo Vibrar está habilitado.                                                                               |

|                                                                                   |                                                                               |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
|  | <b>Vibrar e Tocar</b><br>O modo Vibrar e Tocar está ativado.                  |
|  | <b>Excelente Wi-Fi</b> <sup>5</sup><br>O sinal de Wi-Fi é excelente.          |
|  | <b>Bom Wi-Fi</b> <sup>5</sup><br>O sinal de Wi-Fi é bom.                      |
|  | <b>Wi-Fi Médio</b> <sup>5</sup><br>O sinal do Wi-Fi é médio.                  |
|  | <b>Wi-Fi Ruim</b> <sup>5</sup><br>O sinal do Wi-Fi é baixo.                   |
|  | <b>Wi-Fi Indisponível</b> <sup>5</sup><br>O sinal do Wi-Fi está indisponível. |

<sup>5</sup> Aplicável apenas para DGP 5550e/DGP 8550e

## 6.1.3.2

**Ícones de Chamada**

Os seguintes ícones são exibidos no visor do rádio durante uma chamada. Esses ícones também são mostrados na lista de Contatos para indicar o tipo de ID.

|                                                                                   |                                                                                                                                                                |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Chamada privada</b><br>Indica que uma Chamada Privada está em andamento. Na lista de Contatos, indica o nome do rádio (nome) ou ID (número).                |
|  | <b>Group Call/Site All Call</b><br>Indica que uma Group Call ou Site All Call estão em andamento. Na lista de Contatos, indica o nome do grupo ou ID (número). |
|  | <b>Chamada Telefônica como Chamada Privada</b><br>Indica uma Chamada Telefônica como Chamada Privada em andamento.                                             |

**Chamada de PC via Bluetooth**

Indica uma chamada de PC via Bluetooth em andamento.

Na lista Contatos, indica o nome ou ID (número) da chamada de PC via Bluetooth.

**Chamada de Despacho**

O tipo de contato Chamada de Despacho é usado para enviar uma mensagem de texto para um computador despachante por meio de um servidor de mensagens de texto de terceiros.

**Chamada Individual da Placa Opcional**

Indica que uma chamada individual da Placa Opcional está em andamento.

**Chamada de Grupo da Placa Opcional**

Indica que uma chamada de grupo da Placa Opcional está em andamento.

## 6.1.3.3

**Ícones do Menu Avançado**

Os seguintes ícones são mostrados ao lado dos itens de menu que oferecem uma escolha entre as duas opções ou uma indicação de que há um submenu que oferece as duas opções.

|                                                                                   |                                                                                             |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
|  | <b>Caixa de Seleção (Vazia)</b><br>Indica que a opção não foi selecionada.                  |
|  | <b>Caixa de Seleção (Marcada)</b><br>Indica que a opção foi selecionada.                    |
|  | <b>Caixa Preta Sólida</b><br>Indica a opção selecionada para o item de menu com um submenu. |

## 6.1.3.4

**Ícones de Itens Enviados**

Os ícones a seguir aparecem no canto superior direito do visor do rádio, na pasta Itens Enviados.

|                                                                                                                                                                              |                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>OU<br> | <b>Enviado com Sucesso</b><br>A mensagem de texto foi enviada com sucesso.                                                                                                                                                                                                        |
| <br>OU<br> | <b>Em andamento</b> <ul style="list-style-type: none"> <li>A mensagem de texto para um alias ou ID de grupo está aguardando transmissão.</li> <li>A mensagem de texto para um ID ou alias do rádio está aguardando transmissão, seguida por uma espera de confirmação.</li> </ul> |
| <br>OU<br> | <b>Mensagem Individual ou de Grupo Lida</b><br>A mensagem de texto foi lida.                                                                                                                                                                                                      |
| <br>OU<br> | <b>Mensagem Individual ou de Grupo Não Lida</b><br>A mensagem de texto não foi lida.                                                                                                                                                                                              |

**Falha no envio**

A mensagem de texto não foi enviada.

OU



## 6.1.3.5

**Ícones de Dispositivos Bluetooth**

Os ícones a seguir também aparecem próximos aos itens na lista de dispositivos habilitados para Bluetooth disponíveis para indicar o tipo de dispositivo.

**Dispositivos de Dados Bluetooth**

Dispositivo de dados habilitado para Bluetooth, como um scanner.

**Dispositivo de Áudio Bluetooth**

Dispositivo de áudio habilitado para Bluetooth, como um fone de ouvido.

**Dispositivo PTT Bluetooth**

Dispositivo PTT habilitado para Bluetooth, como um PTT-Only Device (POD - dispositivo somente PTT).

**Dispositivo com sensor Bluetooth**

Dispositivo com sensor ativado por Bluetooth, como o sensor de gás.

## 6.1.3.6

**Indicador de LED**

O indicador de LED mostra o status da operação do rádio.

**Vermelho piscando**

Uma incompatibilidade de bateria ocorre ou o rádio está transmitindo em uma condição de bateria fraca, recebendo uma transmissão de emergência ou falhou no autoteste quando foi ligado, ou saiu de alcance se estiver configurado com o Sistema de Transponder de Intervalo Automático. O Modo Silencioso está ativado.



|                                      |                                                                                                                                                                                                                                              |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Vermelho piscando rapidamente</b> | O rádio está recebendo transferência de arquivo OTA (arquivo de firmware da Placa Opcional, arquivo de Frequência da Rede, arquivo de Codeplug da Placa Opcional) ou fazendo atualização para um novo arquivo de firmware da Placa Opcional. |
| <b>Verde e amarelo piscantes</b>     | O rádio está recebendo um Alerta de Chamada, recebeu uma mensagem de texto ou Digitalizar está ativado e está recebendo atividade.                                                                                                           |
| <b>Amarelo contínuo</b>              | O rádio está no Modo de Exibição de Bluetooth.                                                                                                                                                                                               |
| <b>Amarelo piscando duas vezes</b>   | O rádio está procurando ativamente por um novo site.                                                                                                                                                                                         |
| <b>Amarelo piscante</b>              | O rádio está recebendo um Alerta de Chamada ou Varredura está ativado e está inativo (o rádio ficará mudo para qualquer atividade)                                                                                                           |
| <b>Verde contínuo</b>                | O rádio está inicializando ou transmitindo.                                                                                                                                                                                                  |

|                             |                                                               |
|-----------------------------|---------------------------------------------------------------|
| <b>Verde piscando</b>       | O rádio está inicializando ou recebendo uma chamada ou dados. |
| <b>Verde piscante Duplo</b> | O rádio está recebendo uma chamada com privacidade.           |

## 6.1.3.7

**Tons Indicadores**

A seguir estão os tons que são emitidos pelo alto-falante do rádio.

Tom alto ☐ Tom baixo ☒

Os tons indicadores fornecem indicações sonoras do status depois que uma ação para realizar uma tarefa é efetuada.

|                                                                                   |                        |
|-----------------------------------------------------------------------------------|------------------------|
|  | Tom Indicador Positivo |
|  | Tom Indicador Negativo |

## 6.1.3.8

## Tons de Alerta

Os tons de alerta fornecem indicações audíveis do status do rádio ou da resposta aos dados recebidos no rádio.

|                                                                                                            |                                                                                                   |
|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| <b>Tom Contínuo</b><br>   | Um som em único tom. Soa continuamente até terminar.                                              |
| <b>Tom Periódico</b><br>  | Soa periodicamente, dependendo da duração configurada pelo rádio. O tom inicia, para e se repete. |
| <b>Tom Repetitivo</b><br> | Um único tom que se repete até ser encerrado pelo usuário.                                        |
| <b>Tom Momentâneo</b><br> | Soa apenas uma vez por um curto período de tempo definido pelo rádio.                             |

## 6.1.4

## Alternar entre os Modos do Connect Plus e os que Não São do Connect Plus

Para alternar para um modo que não seja do Connect Plus você deve alterar para outra zona, se programado pelo seu fornecedor ou administrador de sistema. Consulte o revendedor ou administrador de sistema para verificar se o seu rádio foi programado com as zonas que não são do Connect Plus e quais são os recursos disponíveis durante operação em zonas que não sejam do Connect Plus.

## 6.2

## Fazer e Receber Chamadas no Modo Connect Plus

Esta seção explica operações gerais do rádio e recursos de chamada disponíveis em seu rádio.

## 6.2.1

### Selecionar um Site

Um site oferece cobertura a uma área específica. Um site do Connect Plus tem um controlador de site e, no máximo,

15 repetidores. Em uma rede multissite, o rádio Connect Plus pesquisará automaticamente um novo site quando o nível de sinal do site atual cair para um nível inaceitável.

#### 6.2.1.1

### Solicitação de Roaming

Uma Solicitação de Roaming informa ao rádio para pesquisar um site diferente, mesmo quando o sinal do site atual está aceitável.

Se não houver sites disponíveis:

- O rádio exibe Procurando e Alias do Canal Selecionado e continua a procurar pela lista de sites.
- O rádio retornará ao site anterior, se o site anterior ainda estiver disponível.



#### **OBSERVAÇÃO:**

Isso é programado por seu representante.

Pressione o botão programado **Solicitação de Roaming**.

Será emitido um tom, indicando que o rádio alternou para um novo site. O visor exibe ID do Site <Número do Site>.

#### 6.2.1.2

### Ativar/Desativar Bloqueio de Site

Quando ativado, o rádio pesquisa apenas o site atual. Quando desativado, o rádio pesquisa outros sites além do site atual.

Pressione o botão programado **Bloq. do Site**.

Se a função **Bloqueio de Site** estiver ativada:

- Será emitido um tom indicador positivo, indicando que o rádio bloqueou o site atual.
- O monitor exibe Site bloqueado.

Se a função **Bloqueio de Site** estiver desativada:

- Será emitido um tom indicador negativo, indicando que o rádio está desbloqueado.
- O monitor exibe Site desbloqueado.

#### 6.2.1.3

### Restrição de Site

Seu administrador de sistema do rádio Connect Plus pode decidir quais sites de rede seu rádio pode ou não utilizar. Seu rádio não precisa ser programado para alterar sua

lista de sites permitidos e não permitidos. Quando o rádio tenta se registrar em um site não permitido, uma mensagem curta é exibida: Site <número dado> Não Permitido. Em seguida, o rádio pesquisa outro site de rede.

### 6.2.2

## Selecionar uma Zona

O rádio pode ser programado com, no máximo, 16 Zonas do Connect Plus e cada zona pode conter, no máximo, 16 posições atribuíveis no Botão Seletor de Canal.

Cada posição de botão atribuível pode ser utilizada para iniciar um dos tipos de chamada de voz a seguir:

- Chamada em Grupo
- Chamada Multigrupo
- Chamada para todos do site
- Chamada Privada

1 Acesse o recurso de Zone fazendo o seguinte:

| Controles do Rádio                      | Etapas                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Botão Programado de Seleção Zona</b> | Pressione o botão <b>Seleção de Zona</b> programado.                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Menu do rádio</b>                    | <p>a Pressione  para acessar o menu.</p> <p>b Pressione  ou  para Zona e pressione  para selecionar.</p> |

A zona atual é exibida e indicada por um .

2 Selecione a zona necessária.

| Controle do Rádio                                                                                                                                                       | Etapas                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  ou  | Pressione  ou  e role para a zona necessária. |

3

Pressione  para selecionar.

O visor exibe <Zona> Selecionada momentaneamente e retorna à tela da zona selecionada.

---

### 6.2.3

## Usar Várias Redes

Se o rádio foi programado para usar várias redes do Connect Plus, você pode selecionar outra rede ao alterar para a zona do Connect Plus que está atribuída à rede desejada. Essas atribuições entre rede e zona são configuradas pelo o revendedor pela programação do rádio.

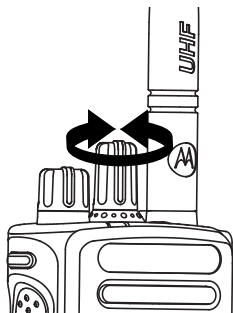
### 6.2.4

## Selecionar um Tipo de Chamada

Use o Botão Seletor de Canal para selecionar um tipo de chamada. Pode ser uma Group Call, Chamada Multigrupos, All Call do Site ou Chamada Privada, dependendo de como seu rádio está programado. Se você mude o botão Seletor de Canal para outra posição (que tenha um tipo de chamada atribuído a ela), isso faz com

que o rádio registre-se novamente com o site Conecte Plus. O rádio se registra ao ID de Grupo de Registro programado para o novo tipo de chamada da posição do botão Seletor de Canal.

Se você selecionar uma posição que não tenha um tipo de chamada atribuído, o rádio emitirá um tom contínuo e o monitor exibirá Não programado. Como seu rádio não opera quando é selecionado um canal desprogramado, utilize o Disco de Navegação de 4 Direções do para selecionar um canal programado.



Quando a zona necessária é exibida (se você tiver várias zonas no seu rádio), gire o botão Seletor de Canal programado para selecionar o tipo de chamada.

---

## 6.2.5

## Receber e Responder a uma Chamada de Rádio

Depois que o canal, ID do rádio ou tipo de chamada for exibido, você poderá receber e responder a chamadas.

O LED se acende em verde contínuo enquanto o rádio transmite e pisca em verde quando o rádio está recebendo.



### OBSERVAÇÃO:

O LED fica verde constante quando o rádio está transmitindo, pisca em verde duas vezes quando o rádio está recebendo uma chamada com privacidade ativada . Para decodificar uma chamada com privacidade habilitada, seu rádio deve ter a mesma Chave de Privacidade OU o mesmo Valor de Chave e ID da Chave (programados pelo revendedor) que o rádio transmissor (o rádio que está fazendo a chamada).

Consulte [Privacidade na página 353](#) para obter mais informações.

## Receber e Responder a uma Group Call

Para receber uma chamada de um grupo de usuários, o rádio deve ser configurado como parte do grupo.

Ao receber uma Chamada em Grupo (quando estiver na tela Inicial), o LED piscará em verde. O ícone Chamada em Grupo é exibido no canto superior direito. A primeira linha de texto exibe o nome do autor da chamada. A segunda linha de texto exibe o nome de chamada de grupo. O rádio deixa de estar mudo e recebe o som da chamada no alto-falante do rádio.

- 1 Segure o rádio na posição vertical de 2,5 a 5 cm (1 a 2 polegadas) da boca.

O LED fica aceso em verde contínuo.

- 
- 2 Aguarde o Tom Permitir falar (se ativado) e fale claramente ao microfone.
- 

- 3 Solte o botão **PTT** para ouvir.

## 6.2.5.1

Se não houver atividade de voz por um período predeterminado, a chamada será encerrada.



**OBSERVAÇÃO:**

Consulte [Fazer uma Chamada de Grupo na página 282](#) para obter detalhes sobre como fazer uma Chamada em Grupo.

**6.2.5.2**

## Receber e Responder a uma Chamada Privada

Uma Chamada Privada é uma chamada de um rádio individual para outro rádio individual.

Ao receber uma Chamada Privada, o LED pisca em verde. O ícone Chamada Privada é exibido no canto superior direito. A primeira linha de texto exibe o nome do autor da chamada. O rádio sai do estado mudo e recebe o som da chamada recebida no alto-falante do rádio.

- 1 Segure o rádio na posição vertical de 2,5 a 5 cm (1 a 2 polegadas) da boca.

- 2 Pressione o botão **PTT** para responder à chamada. O LED fica aceso em verde contínuo.

- 3 Aguarde que o Tom Permitir Falar termine (se ativado) e fale claramente ao microfone.

- 4 Solte o botão **PTT** para ouvir.

Se não houver atividade de voz por um período predeterminado, a chamada será encerrada.

Você ouvirá um tom curto. O monitor exibirá `Call Ended`.

Consulte [Fazer uma Chamada Privativa na página 283](#) para obter detalhes sobre como fazer uma Chamada Privada.

**6.2.5.3**

## Receber uma All Call do Site

Uma All Call do Site é uma chamada de um rádio individual para todos os rádios do site. Ela é usada para fazer anúncios importantes que precisam da atenção total do usuário.

Quando receber uma Site All Call, será emitido um tom e o LED piscará em verde.

O ícone Group Call é exibido no canto superior direito. A primeira linha de texto exibe o nome do autor da chamada. A segunda linha de texto exibe All Call do Site. O rádio deixa de estar mudo e recebe o som da chamada no alto-falante do rádio.

Quando a All Call do Site termina, o rádio volta para a tela anterior, antes de receber a chamada. Uma All Call do Site não espera por um período predeterminado de tempo antes de terminar.

Não é possível responder a uma All Call do Site.



#### **OBSERVAÇÃO:**

Consulte [Criar uma All Call do Site na página 284](#) para obter detalhes sobre como fazer uma All Call do Site.

O rádio para de receber a All Call do Site se você alternar para um canal diferente ao receber a chamada. Durante uma All Call do Site, você não poderá usar nenhuma função programada até a chamada terminar.

## **Receber uma Chamada Telefônica Privada**

Ao receber uma Chamada Telefônica Privada, o ícone Chamada Telefônica como Chamada Privada aparece no canto superior direito. A primeira linha de texto mostra Chamada Telefônica.

- 1 Mantenha pressionado o botão **PTT** para responder e falar. Solte o botão **PTT** para ouvir.
- 

2

Mantenha pressionado  para finalizar a chamada.

A primeira linha do monitor exibirá Terminando. A segunda linha do monitor exibirá Chamada Telefônica.... O visor volta à tela Chamada Telefônica.

O monitor mostra Chamada Termina.

---



#### 6.2.5.4.1

### Fazer uma Chamada por Discagem em Buffer em uma Chamada Telefônica Privada Recebida

Durante a chamada, o ícone Chamada Telefônica como Chamada Privada aparece no canto superior direito. A primeira linha do visor exibirá Chamada Telefônica.

- 1 Use o teclado para inserir os dígitos e pressione o

botão  .

Pressione  seguido por  em até 2 segundos para inserir uma pausa. O P substitui o \* e o # no monitor.

O ícone Chamada Telefônica como Chamada Privada aparece no canto superior direito. A primeira linha de texto do visor mostrará os dígitos inseridos.

---

2

Mantenha  pressionado para encerrar a chamada.

A primeira linha do monitor exibirá Terminando. A segunda linha do monitor exibirá Chamada

Telefônica.... O visor volta à tela Chamada Telefônica.

O monitor mostra Chamada Termina.

---

#### 6.2.5.4.2

### Fazer uma Chamada por Discagem em Tempo Real em uma Chamada Telefônica Privada Recebida

Durante a chamada, o ícone Chamada Telefônica como Chamada Privada aparece no canto superior direito. A primeira linha do visor exibirá Chamada Telefônica.

- 1 Pressione o botão **PTT** e use o teclado para inserir os dígitos.

O ícone Chamada Telefônica como Chamada Privada aparece no canto superior direito. A primeira linha de texto do visor mostra os dígitos da discagem em tempo real.

---

2

Mantenha  pressionado para encerrar a chamada.

A primeira linha do monitor exibirá Terminando. A segunda linha do monitor exibirá Chamada Telefônica.... O visor volta à tela Chamada Telefônica.

O monitor mostra Chamada Termina.

#### 6.2.5.5

### Receber uma Chamada Telefônica de Grupo de Conversação

Ao receber uma Chamada Telefônica de Grupo de Conversação, o ícone Grupo de Conversação aparece no canto superior direito. A primeira linha do texto exibirá Chamada 1.

Pressione o botão **PTT** para falar e solte-o para ouvir.

#### 6.2.5.6

## Recebimento de Chamada Telefônica Multigrupo

Ao receber uma Chamada Telefônica de Multigrupo, o ícone Chamada em Grupo aparece no canto superior direito. A primeira linha de texto mostra Chamada Multigrupo. O rádio sai do modo mudo e recebe o som da chamada de multigrupo no alto-falante do rádio.

#### 6.2.6

### Fazer uma Chamada de Rádio

Após selecionar seu canal, você poderá selecionar um alias ou ID do rádio, ou um alias ou ID de grupo, utilizando:

- O botão Seletor de Canal
- Um botão programado **Acesso de Um Toque** – O recurso Acesso de Um Toque permite fazer com facilidade uma Chamada Privativa para um ID predefinido. Essa função pode ser configurada para pressionamento curto ou longo. Você pode ter somente um ID atribuído a um botão **Chamada de Um Toque**. Seu rádio pode ter vários botões **Acesso** com Um Toque programados.
- A lista Contatos (consulte [Configurações de Contatos na página 307](#) ).

- Discagem Manual – Esse método é apenas para Chamadas Privativas e é discado usando o teclado (consulte [Fazer uma Chamada Privada em Contatos na página 307](#) e [Fazer uma Chamada com o Botão de Discagem Manual Programável na página 285](#) ).



**OBSERVAÇÃO:**

Seu rádio deve ter a função Privacidade habilitada no canal para enviar uma transmissão com privacidade habilitada. Somente rádios de destino com o mesmo Valor de Chave e o mesmo ID de Chave que o rádio poderão decodificar a transmissão.

Consulte [Privacidade na página 353](#) para obter mais informações.

6.2.6.1

## Fazer uma Chamada usando o Botão Seletor de Canal

Este recurso permite que os usuários do rádio façam vários tipos de ligações: Group Call, Chamada Privativa, All Call do Site, Chamada Multigrupos.

6.2.6.1.1

## Fazer uma Chamada de Grupo

Para fazer uma chamada para um grupo de usuários, o rádio deverá estar configurado como parte deste grupo.

- 1 Selecione o canal com o nome ou ID do grupo ativo. Consulte [Selecionar um Tipo de Chamada na página 276](#) .
- 2 Segure o rádio na posição vertical de 2,5 a 5 cm (1 a 2 polegadas) da boca.
- 3 Pressione o botão **PTT** para fazer a chamada.  
O LED fica acesso em verde sólido. O ícone Group Call é exibido no canto superior direito. A primeira linha de texto exibe o alias da chamada em grupo.
- 4 Aguarde que o Tom Permitir Falar termine (se ativado) e fale claramente ao microfone.
- 5 Solte o botão **PTT** para ouvir.  
Quando o rádio de destino responder, o LED piscará em verde, o rádio desativará a função mudo e a resposta será emitida pelo alto-falante do rádio. Você verá o ícone de All Call, o nome ou ID do

grupo e o nome ou ID do rádio transmissor no seu monitor.

Se não houver atividade de voz por um período predeterminado, a chamada será encerrada. O rádio retornará para a tela anterior ao início da chamada.

- Selecione o canal com o nome ou ID do rádio ativo. Consulte [Selecionar um Tipo de Chamada na página 276](#).
- Pressione o botão **Acesso com Um Toque** programado.

#### 6.2.6.1.2

### Fazer uma Chamada Privativa

Quando você recebe e/ou responde a uma Chamada Privada iniciada por um rádio individual autorizado, seu rádio deve estar programado para você iniciar uma Chamada Privada.

Você ouvirá um tom indicador negativo quando fizer uma Chamada Privativa usando a lista de Contatos, Registro de Contatos, botão **Acesso de Um Toque**, Botão Seletor de Canal, se esse recurso não estiver habilitado.

Use os recursos Mensagem de Texto ou Alerta de Chamada para entrar em contato com um determinado rádio. Consulte [Mensagens de Texto na página 184](#) ou [Operação de Alerta de Chamada na página 317](#) para obter mais informações.

- 1 Siga um dos procedimentos a seguir.

- 2 Segure o rádio na posição vertical de 2,5 a 5 cm (1 a 2 polegadas) da boca.

- 3 Pressione o botão **PTT** para fazer a chamada.  
O LED fica aceso em verde contínuo. O ícone Chamada Privada é exibido no canto superior direito. A primeira linha de texto exibe o nome do rádio de destino. A segunda linha de texto exibe o status da chamada.

- 4 Aguarde que o Tom Permitir Falar termine (se ativado) e fale claramente ao microfone.

- 5 Solte o botão **PTT** para ouvir.  
Quando o rádio de destino responder, o LED piscará em verde

Se não houver atividade de voz por um período predeterminado, a chamada será encerrada. Você ouvirá um tom curto. O monitor exibirá `Call Ended`.

---

Seu rádio pode ser programado para realizar uma verificação de presença de rádio antes de configurar a Chamada Privada. Se o rádio de destino não estiver disponível, você ouvirá um tom curto e verá uma mininota negativa no monitor.

#### 6.2.6.1.3

### Criar uma All Call do Site

Esse recurso permite ao usuário transmitir a todos os usuários do site que não estejam em outra chamada naquele momento. O rádio deverá ser programado para permitir que você use essa função.

Os usuários no canal/site não podem responder uma All Call do Site.

- 1 Selecione o canal com o nome de grupo All Call do Site. Consulte [Selecionar um Tipo de Chamada na página 276](#).
  - 2 Segure o rádio na posição vertical de 2,5 a 5 cm (1 a 2 polegadas) da boca.
- 

- 3 Pressione o botão **PTT** para fazer a chamada.

O LED fica aceso em verde contínuo. O ícone Group Call é exibido no canto superior direito. A primeira linha de texto mostra All Call do Site.

---

- 4 Aguarde que o Tom Permitir Falar termine (se ativado) e fale claramente ao microfone.
- 

#### 6.2.6.1.4

### Fazer uma Chamada Multigrupos

Essa função permite ao usuário transmitir a todos os usuários em vários grupos. O rádio deverá ser programado para permitir que você use essa função.



#### **OBSERVAÇÃO:**

Os usuários dos grupos não podem responder a uma Chamada Multigrupos.

- 1 Gire o Botão Seletor de Canal para selecionar o alias ou ID do Multigrupo.
- 

- 2 Pressione o botão **PTT** para fazer a chamada.

O LED fica aceso em verde contínuo. O visor exibe o nome ou ID do Multigrupo.

Espere que o Tom Permitir Falar termine (se habilitado) e fale claramente ao microfone.

---

#### 6.2.6.1.5

### Fazer uma Chamada Privada com um botão Chamada com Um Toque



#### **OBSERVAÇÃO:**

Os botões programáveis devem ser acionados a partir da tela inicial.

O recurso Chamada com Um Toque permite que o usuário faça uma Chamada Privada para um nome ou ID de Chamada Privada predefinido. Essa função pode ser configurada para pressionamento curto ou longo.

Você pode ter SOMENTE um nome ou ID atribuído a um botão Chamada com Um Toque. Seu rádio pode ter vários botões programados Chamada com Um Toque.

- 1 Pressione o botão programado **Chamada de Um Toque** para realizar uma Chamada Privativa a um alias ou ID de Chamada Privativa predefinido.
- 
- 2 Segure o rádio na posição vertical de 2,5 a 5 cm (1 a 2 polegadas) da boca.
- 

- 3 Pressione o botão **PTT** para fazer a chamada.  
O LED fica aceso em verde contínuo.  
O visor exibe o nome ou ID da Chamada Privada.
- 

- 4 Espere que o Tom Permitir Falar termine (se habilitado) e fale claramente ao microfone.
- 
- 5 Solte o botão **PTT** para ouvir.  
Quando o rádio de destino responder, o LED piscará em verde.  
Se não houver atividade de voz por um período predeterminado, a chamada será encerrada.
- 

#### 6.2.6.2

### Fazer uma Chamada com o Botão de Discagem Manual Programável

Esse recurso permite que usuários do rádio façam chamadas privativas usando o botão programável de discagem manual.

## 6.2.6.2.1

**Fazer uma Chamada Privativa**

- 1 Pressione o botão programado **Discagem Manual** para entrar na tela de Discagem Manual.

O monitor exibirá Número:.

- 2 Use o teclado para inserir o nome ou ID Privado de um rádio.

- 3 Segure o rádio na posição vertical de 2,5 a 5 cm (1 a 2 polegadas) da boca.

- 4 Pressione o botão **PTT** para fazer a chamada.

O LED fica aceso em verde contínuo. O ícone Chamada Privada é exibido no canto superior direito. A primeira linha de texto exibe o nome do rádio. A segunda linha de texto exibe o status da chamada.

- 5 Espere que o Tom Permitir Falar termine (se habilitado) e fale claramente ao microfone.

- 6 Solte o botão **PTT** para ouvir.

Quando o rádio de destino responder, o LED piscará em verde.

Se não houver atividade de voz por um período predeterminado, a chamada será encerrada. Você ouvirá um tom curto. O monitor exibirá *Call Ended*.

## 6.2.6.3

**Fazer uma Chamada Telefônica Privada com o Botão de Discagem Manual Programável**

- 1 Pressione o botão programado **Discagem Manual** para entrar na tela de Discagem Manual.

O monitor exibirá Número:.

- 2 Use o teclado para inserir um número de telefone e

pressione  para fazer uma chamada para o número inserido.

Pressione  para excluir caracteres indesejados.

Pressione  seguido por  em até 2

segundos para inserir uma pausa. O P substitui o \* e o # no monitor.

Caso tenha êxito, a primeira linha do monitor exibirá Chamada Telefônica. A segunda linha do visor mostrará o número de telefone discado.

Se um número de telefone inválido for selecionado, o monitor mostrará uma mensagem negativa, Falha ao Cham. Tel, Recurso Indisponível ou Permissões Inválidas.

Se  for pressionado sem que nenhum número de telefone tenha sido inserido, o rádio emitirá um tom indicador positivo e, em seguida, um tom indicador negativo. O visor permanece o mesmo.

3 Mantenha  pressionado para encerrar a chamada.

A primeira linha do monitor exibirá Terminando. A segunda linha do monitor exibirá Chamada Telefônica....

O monitor mostra Chamada Termina.

#### 6.2.6.4

### Fazer uma Chamada Telefônica Privada pelo Menu Telefone

- 1 Pressione  para acessar o menu.

---

- 2 Pressione  ou  para Telefone e pressione  para selecionar.

---

- 3 Pressione  para selecionar Discagem Manual.  
A primeira linha do monitor exibirá Número; a segunda linha do monitor exibirá um cursor intermitente.

---

- 4 Use o teclado para inserir um número de telefone e pressione  para fazer uma chamada para o número inserido.  
  
Pressione  para excluir caracteres indesejados.  
Pressione  seguido por  em até 2



segundos para inserir uma pausa. O P substitui o \* e o # no monitor.

Caso tenha êxito, a primeira linha do monitor exibirá Chamada Telefônica. A segunda linha do visor mostrará o número de telefone discado.

Se um número de telefone inválido for selecionado, o monitor mostrará uma mininota negativa, Falha ao Cham. Tel, Recurso Indisponível ou Permissões Inválidas.

Se  for pressionado sem que nenhum número de telefone tenha sido inserido, o rádio emitirá um tom indicador positivo e, em seguida, um tom indicador negativo. O visor permanece o mesmo.

5 Mantenha  pressionado para encerrar a chamada.

A primeira linha do monitor exibirá Terminando. A segunda linha do monitor exibirá Chamada Telefônica....

O monitor mostra Chamada Termina.

#### 6.2.6.5

### Fazer uma Chamada Telefônica Privada de Contatos



#### OBSERVAÇÃO:

Se a opção Discagem Manual do Telefone estiver desabilitada no MOTOTRBO Connect Plus Option Board CPS, o item Número de Telefone **não** será exibido no Menu.

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Contatos e pressione  para selecionar.

3

Pressione ▲ ou ▼ para Discagem Manual e pressione  para selecionar.

#### 4 Pressione ou para Núm. do Telefone

pressione  para selecionar.

A primeira linha do monitor exibirá Número; a segunda linha do monitor exibirá um cursor intermitente.

#### 5 Use o teclado para inserir um número de telefone e

pressione  para fazer uma chamada para o número inserido.

Se o botão **PTT** for pressionado, o monitor mostrará a mensagem negativa Pressione OK para Enviar e retornará à tela anterior.

Pressione  para excluir caracteres indesejados.

Pressione  seguido por  em até 2 segundos para inserir uma pausa. O P substitui o \* e o # no monitor.

Caso tenha êxito, a primeira linha do monitor exibirá Chamada Telefônica. A segunda linha do visor mostrará o número de telefone discado.

Se  for pressionado sem que nenhum número de telefone tenha sido inserido, o rádio emitirá um tom indicador positivo e, em seguida, um tom indicador negativo. O visor permanece o mesmo.

#### 6

Mantenha  pressionado para encerrar a chamada.

A primeira linha do monitor exibirá Terminando. A segunda linha do monitor exibirá Chamada Telefônica....

O monitor mostra Chamada Termina.

#### 6.2.6.6

### Aguardar a Concessão de Canal em uma saída Chamada Telefônica Privada

Ao fazer uma Chamada Telefônica Privada, a primeira linha do visor mostra Chamada Telefônica. A segunda linha do visor mostrará o número de telefone discado.

Durante a chamada, o ícone Chamada Telefônica como Chamada Privada aparece no canto superior direito. A primeira linha do visor mostrará o número de telefone.

Caso não seja bem-sucedido, o visor mostra uma mininota negativa, Não foi Possível Completar a Chamada Telefônica, Recurso Não Disponível ou Permissões Inválidas.

Mantenha  pressionado para encerrar a chamada.

O visor retorna à tela anterior.

#### 6.2.6.7

### Fazer uma Chamada por Discagem em Buffer em uma Chamada Telefônica Privada Feita

Durante a chamada, o ícone Chamada Telefônica como Chamada Privada aparece no canto superior direito. A

primeira linha de texto do visor mostrará o número de telefone.

#### 1 Use o teclado para inserir os dígitos.

Pressione  para excluir caracteres indesejados.

Pressione  seguido por  em até 2 segundos para inserir uma pausa. O P substitui o \* e o # no monitor.

A primeira linha de texto do visor mostra Dígitos Extras a segunda linha de texto do visor mostra os dígitos extras inseridos.

#### 2

Pressione o botão .

Se o botão **PTT** for pressionado, o monitor mostrará a mininota negativa Pressione OK para Enviar e retornará à tela anterior.

O ícone Chamada Telefônica como Chamada Privada aparece no canto superior direito. A primeira linha de texto do visor mostra o número de telefone com a adição dos dígitos discados.

#### 3 Siga um dos procedimentos a seguir.

- Pressione  para retornar à tela Chamada Telefônica.
  - Mantenha  pressionado para encerrar a chamada.
- 

#### 6.2.6.8

### Fazer uma Chamada por Discagem em Temo Real em uma Chamada Telefônica Privada Feita

Durante a chamada, o ícone Chamada Telefônica como Chamada Privada aparece no canto superior direito. A primeira linha de texto do visor mostrará o número de telefone.

- 1 Pressione o botão **PTT** e use o teclado para inserir os dígitos.

O ícone Chamada Telefônica como Chamada Privada aparece no canto superior direito. A primeira linha de texto do visor mostra o número de telefone com a adição dos dígitos discados.

---

2

Mantenha  pressionado para encerrar a chamada.

A primeira linha do monitor exibirá Terminando. A segunda linha do monitor exibirá Chamada Telefônica....

O monitor mostra Chamada Termina.

---

#### 6.3

### Recursos Avançados no Modo Connect Plus

---

Este capítulo explica as operações das funções disponíveis na rádio.

#### 6.3.1

### Lembrete do Canal Inicial

Esse recurso oferece um lembrete quando o rádio não está definido para Canal inicial por um determinado período.

Se este recurso for ativado por meio do CPS, o tom de Lembrete do Canal Inicial e de anúncio serão emitidos, a primeira linha do monitor exibirá Canal e a segunda linha

exibirá `Não Inicial` periodicamente quando o rádio não está definido para o canal inicial por um determinado período.

Você pode responder ao lembrete por meio de uma das seguintes ações:

- Volte para o canal inicial.
- Silencie o lembrete temporariamente por meio do botão programável.
- Defina um novo canal inicial por meio do botão programável.

#### 6.3.1.1

### Silenciar o Lembrete do Canal Inicial

Quando ocorre o Lembrete do Canal Inicial, você pode silenciar temporariamente o lembrete por meio da seguinte ação.

Pressione o botão programável **Lembrete de Canal Inicial Silenciado**.

A primeira linha do monitor mostra `HCR` e a segunda linha mostra `Silenciado`.

---

#### 6.3.1.2

### Definir um novo canal inicial

Quando ocorre o Lembrete do Canal Inicial, você pode definir um novo canal inicial por meio de uma das ações a seguir:

- Pressione o botão programável **Redefinir Canal Inicial**.

A primeira linha do monitor mostra o alias do canal e a segunda linha mostra `Novo Canal Inic.`

- Defina um novo canal inicial por meio do menu:

- Pressione  para acessar o menu.
- Pressione  ou  para Utilitários e pressione  para selecionar.
- Pressione  ou  para Conf. do Rádio e pressione  para selecionar.
- Pressione  ou  para Canal Inicial e pressione  para selecionar.

e. Selecione na lista de canais válidos.

O monitor mostra  ao lado do alias do canal inicial.

### 6.3.2

## Fallback Automático

Fallback automático é um recurso do sistema que permite continuar a fazer e receber chamadas que não são de emergência no Contato do grupo selecionado em caso de determinados tipos de falhas do sistema Connect Plus.

Se uma das seguintes falhas ocorrer, o rádio tentará fazer o roaming para outro site do Connect Plus. Esse processo de pesquisa pode fazer com que o rádio encontre um site do Connect Plus ou um Canal Fallback (se o rádio estiver habilitado para Fallback automático).

O Canal Fallback é um repetidor que, normalmente, faz parte de um site operável do Connect Plus, mas não consegue se comunicar com o controlador do site ou com a rede do Connect Plus naquele momento. No modo Fallback, o repetidor funciona como único repetidor digital. O Modo Fallback Automático é compatível apenas com Group Calls que não sejam de emergência. Nenhum outro tipo de chamada é compatível com o Modo Fallback.

### 6.3.2.1

## Indicações do Modo Fallback Automático

Quando o rádio estiver usando um canal Fallback, você ouvirá o "Tom do Fallback" intermitente uma vez a cada 15 segundos aproximadamente (exceto durante a transmissão). O visor exibe uma breve mensagem periodicamente de `Canal Fallback`. O rádio apenas permite PTT no Contato de Grupo selecionado (Group Calls, Chamada Multigrupo ou All Call do Site). Não é permitido fazer outros tipos de chamadas.

## Fazer/Receber Chamadas no Modo Fallback



### **OBSERVAÇÃO:**

Chamadas são ouvidas apenas por rádios que estiverem monitorando o mesmo canal de Fallback e estiverem selecionados para o mesmo Grupo. Chamadas não são feitas em rede para outros sites ou outros repetidores.

Chamadas de voz de emergência ou Alertas de Emergência não estão disponíveis no modo Fallback. Se você pressionar o botão de emergência no modo Fallback, o rádio produzirá um tom de pressionamento de tecla inválido. Rádios equipados com visores também indicam a mensagem "Recurso não disponível".

Chamadas Privadas (rádio para rádio) e Telefônicas não estão disponíveis no modo Fallback. Se você tentar realizar uma chamada para um contato particular, você receberá um tom de negação. Neste momento, você deverá selecionar um contato do grupo desejado. Outras chamadas não compatíveis incluem Monitor Remoto, Alerta de Chamada, Verificação de Rádio, Ativar Rádio, Desativar Rádio, Mensagem de Texto, Atualizações de Local e chamadas do pacote de dados.

ETCA (Enhanced Traffic Channel Access, acesso ao canal de tráfego otimizado) não é suportado no modo Fallback Automático. Se dois ou mais usuários de rádio pressionarem **PTT** ao mesmo tempo (ou quase ao mesmo tempo), é possível que os dois rádios transmitam até que o **PTT** seja liberado. Nesse caso, é possível que nenhuma das transmissões seja compreendida pelos rádios receptores.

Fazer chamadas em modo Fallback é semelhante ao funcionamento normal. Basta selecionar o contato de grupo que você deseja usar (utilizando o método de seleção do canal normal do rádio), e pressionar **PTT** para iniciar a chamada. É possível que o canal possa já estar em uso por outro grupo. Se o canal estiver em uso, você receberá um tom de ocupado e o monitor exibirá "Canal Ocupado". Você pode selecionar contatos do Grupo, Multigrupo ou All Call do Site utilizando o método de seleção de canal normal do rádio. Quando o rádio estiver funcionando com o Canal do Fallback, o Multigrupo funcionará tal como outros Grupos. Ele só será ouvido pelos rádios selecionados e que pertencem ao mesmo Multigrupo.

### 6.3.2.3

## Retornar à Operação Normal

Se o site retornar à operação de entroncamento normal enquanto estiver dentro do alcance do repetidor Fallback, o rádio sairá automaticamente do modo Fallback Automático. Você ouvirá um sinal sonoro quando o rádio for registrado. Se estiver dentro do alcance de um site operável (que não esteja em modo Fallback), você pode pressionar o botão Roam Request (Solicitação de Roaming) (se programado no seu rádio) para forçar o rádio a buscar um site disponível e registrar-se nele. Se nenhum outro site estiver disponível, o rádio voltará ao modo Fallback Automático após a busca ser concluída. Se você sair da cobertura do repetidor Fallback, o rádio entrará no modo de Pesquisa (o visor indicará Pesquisando).

### 6.3.3

## Verificação do Rádio

Se habilitada, essa função permite determinar se outro rádio está ativo em um sistema, sem incomodar o usuário do rádio. Nenhuma notificação visual ou audível é mostrada no rádio de destino.

Esse recurso aplica-se somente a IDs de rádio.



## 6.3.3.1

## Enviar uma Verificação de Rádio

## 1 Acessar o Recurso Verificar Rádio

| Controle do Rádio                       | Etapas                                                                                                                                                                                                                                                                                         |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Botão Verificar Rádio Programado</b> | <p><b>a</b> Pressione o botão programado <b>Verificar Rádio</b>.</p> <p><b>b</b> Pressione ▲ ou ▼ para o alias ou ID do rádio</p> <p>solicitado e pressione  para selecionar.</p>                             |
| <b>Menu</b>                             | <p><b>a</b> Pressione  para acessar o menu.</p> <p><b>b</b> Pressione ▲ ou ▼ para Contatos e pressione  para selecionar.</p> |

| Controle do Rádio | Etapas                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | <p><b>c</b> Pressione ▲ ou ▼ para o alias ou ID do rádio</p> <p>solicitado e pressione  para selecionar.</p> <p><b>d</b> Pressione ▲ ou ▼ para Verificar Rádio e</p> <p>pressione  para selecionar.</p> |

O monitor exibe o Nome de Destino, indicando que a solicitação está em andamento. O LED fica aceso em verde contínuo.

## 2 Aguarde a confirmação.

Se o rádio de destino estiver ativo no sistema, será emitido um som e o monitor exibirá brevemente **Rádio Destino Disponível**.

Se o rádio de destino não estiver ativo no sistema, um tom será emitido, e o monitor exibirá brevemente **Rádio Destino Indisponível**.

O rádio retorna para a tela do alias ou ID do rádio quando iniciado através do menu.

O rádio retorna à Tela Inicial se iniciado através do botão programável.

#### 6.3.4

### Remote Monitor

Use a função Monitor Remoto para ativar o microfone de um rádio de destino (somente alias ou ID do rádio). O LED verde piscará uma vez no rádio de destino. Você pode usar esta função para monitorar, remotamente, qualquer atividade audível ao redor do rádio de destino.

O rádio deverá ser programado para permitir que você use essa função.

#### 6.3.4.1

### Iniciar o Monitor Remoto



#### OBSERVAÇÃO:

O Monitor Remoto para automaticamente após um período programado, ou quando houver qualquer tentativa de iniciar a transmissão, mudar de canal ou desligar o rádio.

#### 1 Acessar o recurso Monitor remoto.

| Controle do Rádio                      | Etapas                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Botão Monitor remoto programado</b> | <p><b>a</b> Pressione o botão programado <b>Monitor Remoto</b>.</p> <p><b>b</b> Pressione ▲ ou ▼ para o alias ou ID do rádio solicitado e pressione  para selecionar.</p>                                                                                                    |
| <b>Menu</b>                            | <p><b>a</b> Pressione  para acessar o menu.</p> <p><b>b</b> Pressione ▲ ou ▼ para Contatos e pressione  para selecionar.</p> <p><b>c</b> Pressione ▲ ou ▼ para o alias ou ID do rádio</p> |

| Controle do Rádio | Etapas                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | <p>solicitado e pressione  para selecionar.</p> <p><b>d</b> Pressione ▲ ou ▼ para Discagem Manual e pressione  para selecionar.</p> <p><b>e</b> Pressione ▲ ou ▼ para Mon. Remoto. e pressione  para selecionar.</p> |

A primeira linha de texto mostra Monitor Rmt. A segunda linha do texto exibe a tarjeta Nome, indicando que o pedido está em andamento. O LED fica piscando em verde.

áudio do rádio monitorado por uma duração programada e o monitor exibirá Monitor Rmt, seguido do alias de destino. Quando o temporizador expira, o rádio emite um tom de alerta, e o LED apaga.

Se malsucedido, o rádio emitirá um tom indicador negativo e o monitor exibirá Monitor Rmt Falhou.

### 6.3.5

## Verificar

Esse recurso permite que o rádio monitore e participe de chamadas de grupos/canais definidos em uma lista de varredura pré-programada. Quando a varredura estiver ativada, o ícone de varredura aparecerá na barra de status e o LED amarelo piscará quando estiver ocioso.

## 2 Aguarde a confirmação.

Se bem-sucedido, você ouvirá um tom indicador positivo e o monitor exibirá brevemente Monitor Rmt Bem-sucedido. O rádio começará a reproduzir

## 6.3.5.1

## Iniciar e Interromper a Varredura

**OBSERVAÇÃO:**

Esse procedimento liga ou desliga a função Varredura para todas as zonas do Connect Plus com o mesmo ID da Rede que sua rede atualmente selecionada. É importante observar que, mesmo quando a função Varredura estiver ativada por meio desse procedimento, a varredura ainda poderá ficar desativada para alguns (ou todos) os grupos em sua lista de varredura. Consulte [Editar a Lista de Varredura na página 301](#) para obter mais informações.

Você pode iniciar e interromper a varredura pressionando o botão programado **Varredura OU** seguindo o procedimento descrito a seguir.

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Varredura e pressione  para selecionar.

3 Pressione ▲ ou ▼ para Ativar ou Desativar e

pressione  para selecionar.

- O monitor exibirá Varredura Ativada se a varredura estiver ativada.
- O menu Varredura mostrará Desativar se a varredura estiver ativada.
- O monitor exibirá Varredura Desativada se a varredura estiver desativada.
- O menu Varredura exibirá Ativar se a varredura estiver desativada.

## 6.3.5.2

## Responder a uma Transmissão Durante uma Varredura

Durante a varredura, o rádio para em um grupo onde a atividade é detectada. Quando está inativo no canal de

controle, o rádio aguarda continuamente por algum membro na lista de varredura.

- 1 Segure o rádio na posição vertical de 2,5 a 5 cm (1 a 2 polegadas) da boca.

---

- 2 Pressione o botão **PTT** durante o tempo de desconexão.  
O LED fica aceso em verde contínuo.

---

- 3 Aguarde que o Tom Permitir Falar termine (se ativado) e fale claramente ao microfone.

---

- 4 Solte o botão **PTT** para ouvir.  
Se você não responder no tempo de espera, o rádio voltará a fazer a varredura de outros grupos.

---

Todas as Chamadas na Rede) que está atualmente atribuído a uma posição no Seletor de Canal e uma Zona do Connect Plus com o mesmo ID de Rede que a Zona selecionada atualmente. O alias do Grupo de Conversação também não deve ser correspondente a qualquer Grupo de Conversação que já tenha sido incluído na Lista de Varredura da Zona atual.

A Varredura pode ser ativada ou desativada no menu ou pressionando um botão **Ativar/Desativar Varredura** programado.

Esse recurso funciona apenas quando o rádio não está em uma chamada. Se você estiver atualmente recebendo uma chamada, o rádio não poderá fazer a varredura para outras chamadas de grupo e, portanto, não sabe se estão em progresso. Uma vez que sua chamada for concluída, o rádio retorna ao horário do canal de controle e pode fazer a varredura para os grupos que estão na lista de varredura.

### 6.3.6

## Varredura Configurável pelo Usuário

Se o menu Mod. Lista estiver ativado, um usuário consegue adicionar e remover os membros de varredura do menu Adic. membro. Um membro da Lista de Varredura deve ser um Contato de Grupo regular (por exemplo, não Chamada Multigrupos ou Chamada para Todos do Site/

## 6.3.7

## Editar a Lista de Varredura



### OBSERVAÇÃO:

Se a entrada na lista de varredura for o grupo selecionado atualmente, o rádio aguardará a atividade desse grupo, mesmo se a entrada da lista não exibir uma marca de seleção. Sempre que um rádio não estiver em uma chamada, ele aguardará a atividade no Grupo Selecionado, no Multigrupo, na All Call do Site e no Grupo de Reversão de Emergência Padrão (se estiver configurado). Esta operação não pode ser desativada. Se Varredura estiver ativada, o rádio também verificará se há atividade dos membros ativos da Lista de Varredura de Zona.

A lista de varredura determina que grupos podem ter varredura. A lista é criada quando o rádio é programado. Se o seu rádio foi programado para permitir a você editar a lista de varredura, é possível:

- Ativar/desativar a varredura para grupos individuais na lista.
- Adicionar e Remover os membros de varredura no menu Adicionar Membro. Consulte [Adicionar](#) ou [Excluir](#)

um Grupo por meio do Menu Adicionar Membros na página 302 .



### OBSERVAÇÃO:

Um membro da Lista de Varredura deve ser um Contato de Grupo regular (não Chamada Multigrupos ou Chamada para Todos do Site/Todas as Chamadas na Rede) que está atualmente atribuído a uma posição no Seletor de Canal e uma Zona do Connect Plus com o mesmo ID de Rede que a zona selecionada atualmente. O alias do Grupo de Conversação também não deve ser correspondente a qualquer Grupo de Conversação que já tenha sido incluído na Lista de Varredura da Zona atual.

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Vis./Mod. Lista e pressione  para selecionar.

3

Pressione ▲ ou ▼ para o nome do Grupo desejado.

Se uma marca de seleção antecede o nome do Grupo, a varredura está atualmente ativada para esse Grupo.

Se não houver uma marca de seleção antecedendo o nome do Grupo, a varredura está atualmente desativada para esse Grupo.

---

4  para selecionar o Grupo desejado.

O monitor exibirá *Habilitar* se a varredura estiver atualmente desativada para o Grupo.

O monitor exibirá *Desab.* se a varredura estiver atualmente ativada para o Grupo.

---

5 Selecione a opção exibida (*Habilitar* ou *Desab.*) e pressione  para selecionar.

Dependendo da opção selecionada, o rádio exibirá momentaneamente *Varredura Habilitada* ou *Varredura Desab.* para confirmar a ação.

---

O rádio exibe novamente a Lista de Varredura de Zona. Se a varredura for ativada para o Grupo, a marca de seleção será exibida antes do nome do Grupo. Se a varredura for

desativada para o Grupo, a marca de seleção não será exibida antes do nome do Grupo.

### 6.3.8

## Adicionar ou Excluir um Grupo por meio do Menu Adicionar Membros

O rádio Connect Plus não permite que um número ou alias de grupo duplicado seja colocado em uma lista de varredura de zona (ou que seja mostrado como um "candidato à varredura"). Assim, a lista de "candidatos à varredura" descrita nas etapas [etapa 6](#) e [etapa 7](#) às vezes muda depois que um grupo é adicionado ou excluído da lista de varredura de zona.

Se seu rádio tiver sido programado para permitir que você edite a lista de varredura, você pode usar o menu Adicionar Membros para adicionar um grupo à lista de varredura da zona atualmente selecionada ou excluir um grupo da lista de varredura da zona atualmente selecionada.

---

1 Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para a opção Varredura e pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para <Adicionar Membros> e pressione  para selecionar.

O visor exibirá Adicionar Membros da Zona n (n = o número de zona do Connect Plus da primeira zona do Connect Plus em seu rádio com o mesmo ID da Rede que sua zona atualmente selecionada).

---

4 Siga um dos procedimentos a seguir.

- Se o grupo que você deseja adicionar à lista de varredura estiver atribuído a uma posição do seletor de canal nessa zona, vá para a etapa [etapa 6](#).
  - Se o grupo que você deseja adicionar à lista de varredura estiver atribuído a uma posição do seletor de canal em uma zona diferente do Connect Plus, vá para [etapa 5](#).
- 

5 Pressione ▲ ou ▼ para percorrer por uma lista de zonas do Connect Plus com o mesmo ID da Rede que a zona atualmente selecionada.

---

6 Após localizar a zona do Connect Plus onde o grupo desejado está atribuído a uma posição do seletor de canal, pressione  para selecionar.

O rádio exibe a primeira entrada em uma lista de grupos atribuídos a uma posição de canal nesta zona. Os grupos na lista são chamados "candidatos à varredura", pois eles podem ser adicionados à lista de varredura de sua zona selecionada atualmente (ou eles já estão na lista de varredura de zona).

Se a zona não tiver grupos que possam ser adicionados à lista de varredura, o rádio exibirá Sem Candidatos.

---

7 Pressione ▲ ou ▼ para percorrer pela lista de grupos de candidatos.

Se um sinal de adição (+) for exibido imediatamente antes do alias do grupo, isso indica que o grupo está atualmente na lista de varredura na zona selecionada.



Se o sinal de adição (+) não for exibido imediatamente antes do alias, o grupo não está atualmente na lista de varredura, mas poderá ser adicionado.

8

Pressione  quando o alias do grupo desejado for exibido.

Se este grupo não estiver na lista de varredura para a zona atualmente selecionada, a mensagem **Adicionar** (Alias do Grupo) será exibida.

Se este grupo já estiver na lista de varredura para a zona atualmente selecionada, a mensagem **Excluir** (Alias do Grupo) será exibida.

9

Pressione  para aceitar a mensagem exibida (**Adicionar** ou **Excluir**).

Se estiver excluindo um grupo da lista, você saberá que a operação foi concluída com sucesso, pois o sinal de adição (+) não será mais exibido imediatamente antes do alias.

Se estiver adicionando um grupo à lista, você saberá que a operação foi concluída com sucesso,

pois o sinal de adição (+) será exibido antes do alias.

Se você estiver tentando adicionar um grupo e a lista já estiver cheia, o rádio exibirá **Lista Completa**. Se isso ocorrer, será necessário excluir um grupo da lista de varredura antes de adicionar um novo.

10

Ao concluir, pressione  quantas vezes for necessário para voltar ao menu desejado.

### 6.3.9

## Compreender a Operação de Varredura



### OBSERVAÇÃO:

Se o Rádio participar de uma chamada para um membro da Lista de Varredura da Zona de uma Zona diferente e o Contador de Espera da Chamada expirar antes de poder responder, para responder, você deve navegar até a Zona e o Canal e do Membro da Lista de Varredura e iniciar uma nova chamada.

Existem algumas circunstâncias em que você pode perder chamadas para grupos que estão na sua lista de varredura. Quando você perde uma chamada por uma das razões a seguir, isso não indica um problema com o seu rádio. Esta é uma operação de varredura normal para o Connect Plus.

- O recurso de varredura não está ativado (verifique o ícone de varredura no visor)
- O membro da lista varredura foi desativado através do menu (consulte [Editar a Lista de Varredura na página 301](#)).
- Você já está participando de uma chamada.
- Nenhum membro do grupo de varredura está registrado em seu site (somente sistemas Multisite).

### 6.3.10

## Varredura Durante Resposta

Se o rádio pesquisar uma chamada de uma lista de varredura de grupo selecionável e se o botão **PTT** for pressionado durante a chamada pesquisada, a operação do rádio dependerá de se a opção Varredura Durante Resposta foi habilitada ou desabilitada durante a programação do rádio.

### Varredura Durante Resposta Desabilitada

O rádio sai da chamada pesquisada e tenta transmitir o contato para a posição de canal atualmente selecionada. Após o Tempo de Desconexão da Chamada do contato selecionado expirar, o rádio volta para o canal inicial e inicia o Temporizador de Tempo de Espera da Varredura. O rádio recomeça a varredura de grupo após o temporizador de Tempo de Espera da Varredura expirar.

### Varredura Durante Resposta Habilitada

Se o botão **PTT** for pressionado durante o Tempo de Desconexão de Grupo da chamada pesquisada, o rádio tentará transmitir para o grupo pesquisado.



#### OBSERVAÇÃO:

Se for feita uma varredura para um grupo que não esteja atribuído a uma posição de canal na zona atualmente selecionada e o Tempo de Desconexão da chamada for perdido, altere para a zona apropriada e selecione a posição de canal do grupo para voltar a falar com o grupo.

## 6.3.11

## Editar Prioridade para um Grupo de conversação

O recurso Monitor de Prioridade permite que o rádio receba automaticamente a transmissão do grupo de conversação com prioridade mais alta quando ele está em outra chamada. É emitido um tom quando o rádio alterna para a chamada com prioridade mais alta.

Há dois níveis de prioridade para os grupos de conversação: P1 e P2. P1 tem prioridade mais alta do que P2.



### OBSERVAÇÃO:

Se o ID do Default Emergency Revert Group está configurado no MOTOTRBO Connect Plus Option Board CPS, há três níveis de prioridade para os grupos de conversação: P0, P1 e P2. P0 é o ID do Emergency Revert Group permanente e de prioridade mais alta. Obtenha mais informações com seu revendedor ou administrador do sistema.

1

Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Varredura e pressione  para selecionar.

3 Pressione ▲ ou ▼ para Vis./Mod. Lista e pressione  para selecionar.

4 Pressione ▲ ou ▼ para o grupo de conversação necessário e pressione  para selecionar.

5 Pressione ▲ ou ▼ para Edit. Prioridade e pressione  para selecionar.

6 Pressione ▲ ou ▼ para o nível de prioridade necessário e pressione  para selecionar.

O monitor exibirá uma mininota positiva antes de retornar para a tela anterior. O ícone de prioridade aparece à esquerda do grupo de conversação.

## 6.3.12

## Configurações de Contatos



### OBSERVAÇÃO:

Você pode adicionar ou editar IDs de rádios na lista de Contatos do Connect Plus. A exclusão de IDs de rádios somente pode ser executada pelo revendedor.

Se o recurso Privacidade estiver habilitado em um canal, você poderá fazer uma chamada de voz com privacidade em tal canal. Apenas rádios de destino com a mesma Chave de Privacidade ou o mesmo Valor de Chave e ID da Chave que o rádio poderão compreender a transmissão.

O acesso às Listas de Contatos depende da configuração da zona:

- Se apenas uma zona estiver configurada no rádio, a Lista de Contatos será exibida diretamente da zona selecionada atualmente.
- Se várias zonas estiverem configuradas no rádio, a Pasta de Contatos de Zona exibirá todas as zonas com IDs de rede idênticas à zona selecionada atualmente. O usuário pode acessar os contatos nessas zonas.

Contatos fornece recursos de "agenda" ao seu rádio. Cada entrada corresponde a um nome ou ID usado para iniciar uma chamada.

Cada zona fornece uma Lista de Contatos com até 100 contatos. Os seguintes tipos de contatos estão disponíveis:

- Chamada Privada
- Chamada em Grupo
- Chamada de Multigrupo
- Chamada de Voz para Todos do Site
- Chamada de Texto para Todos do Site
- Chamada de Despacho

O tipo de contato Chamada de Despacho é usado para enviar uma mensagem de texto para um computador despachante por meio de um servidor de mensagens de texto de terceiros.

## 6.3.12.1

### Fazer uma Chamada Privada em Contatos

1

Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Contatos e pressione



para selecionar.

As entradas estão em ordem alfabética.

---

- 3 Siga um dos procedimentos descritos a seguir para selecionar o nome ou ID de rádio necessário:

- Selecione o nome do rádio diretamente.
    - Pressione ▲ ou ▼ para o alias ou ID do rádio necessário.
  - Use o menu *Discagem Manual*.
    - Pressione ▲ ou ▼ para *Discagem Manual* e pressione  para selecionar.
    - Se houver um alias ou ID do rádio discado anteriormente, o alias ou ID aparecerá junto com um cursor intermitente. Use o teclado para editar/inserir o ID. Pressione  para selecionar.
- 

- 4 Segure o rádio na posição vertical de 2,5 a 5 cm (1 a 2 polegadas) da boca.
- 

- 5 Pressione o botão **PTT** para fazer a chamada.

O LED fica aceso em verde contínuo. O visor exibe o alias de destino.

---

- 6 Aguarde que o Tom Permitir Falar termine (se ativado) e fale claramente ao microfone.
- 

- 7 Solte o botão **PTT** para ouvir.

Quando o rádio de destino responder, o LED piscará em verde e o monitor exibirá o ID do usuário transmissor.

Se não houver atividade de voz por um período predeterminado, a chamada será encerrada.

Você ouvirá um tom curto. O monitor exibirá *Call Ended*.

---

#### 6.3.12.2

### Fazer uma Chamada por Pesquisa de Nome

Você também pode usar pesquisa de nome ou alfanumérica para recuperar o alias do rádio necessário.

Essa função é aplicável apenas em Contatos.

- 1 Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Contatos e pressione  para selecionar.

As entradas estão em ordem alfabética.

- 3 Digite o primeiro caractere do alias desejado e pressione o botão ▲ ou ▼ para localizá-lo.

- 4 Segure o rádio na posição vertical de 2,5 a 5 cm (1 a 2 polegadas) da boca.

- 5 Pressione o botão **PTT** para fazer a chamada.  
O LED fica aceso em verde contínuo. O visor exibe o alias de destino.

- 6 Aguarde que o Tom Permitir Falar termine (se ativado) e fale claramente ao microfone.

- 7 Solte o botão **PTT** para ouvir.

Quando o rádio de destino responder, o LED piscará em verde.

Se não houver atividade de voz por um período predeterminado, a chamada será encerrada.

O monitor exibirá *Call Ended*.

### 6.3.12.3

## Adicionar um Novo Contato

- 1 Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Contatos e pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Novo Contato e pressione  para selecionar.

- 4 Use o teclado para digitar o número do contato e pressione  para confirmar.

- 5 Use o teclado para digitar o nome do contato e

pressione  para confirmar.

- 6 Se quiser adicionar um Contato do Rádio, pressione  ou  para o tipo de toque pretendido e

pressione  para selecionar.

O rádio emitirá um tom indicador positivo e o monitor exibirá Contato Salvo.

### 6.3.13

## Configurações de Indicador de Chamadas

Esse recurso permite que usuários do rádio configurem o toque de ligações ou de mensagens de texto.

### 6.3.13.1

## Ativar e Desativar Campanhas para Alerta de Chamada

Você pode selecionar ou ativar e desativar campanhas para um Alerta de Chamada recebido.

- 1 Pressione  para acessar o menu.

- 2 Pressione  ou  para Utilitários e pressione  para selecionar.

- 3 Pressione  ou  para Conf. do Rádio e pressione  para selecionar.

- 4 Pressione  ou  para Tons/Alertas e pressione  para selecionar.

- 5 Pressione  ou  para Campanhas e pressione  para selecionar.

6 Pressione ▲ ou ▼ para Alerta Cham. e

pressione  para selecionar.

O tom atual é indicado por um ✓.

---

7 Pressione ▲ ou ▼ para o tom necessário e

pressione  para selecionar.

✓ Um aparece ao lado do tom selecionado.

---

3 Pressione ▲ ou ▼ para Conf. do Rádio e

pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Tons/Alertas e

pressione  para selecionar.

---

5 Pressione ▲ ou ▼ para Campanhas e pressione

 para selecionar.

---

6 Pressione ▲ ou ▼ para Cham. Privat. e

pressione  para selecionar.

---

### 6.3.13.2

## Ativar e Desativar Campanhas para Chamadas Privadas

Você pode ativar ou desativar as campanhas para uma Chamada Privada.

1 Pressione  para acessar o menu.

---

2 Pressione ▲ ou ▼ para Utilitários e

pressione  para selecionar.

---



## 6.3.13.3

## Ativar e Desativar Campanhas para Mensagens de Texto

Você pode ativar ou desativar as campanhas para uma Mensagem de Texto recebida.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione  ou  para Utilitários e pressione  para selecionar.

---

- 3 Pressione  ou  para Conf. do Rádio e pressione  para selecionar.

---

- 4 Pressione  ou  para Tons/Alertas e pressione  para selecionar.

---

- 5 Pressione  ou  para Campanhas e pressione  para selecionar.

---

- 6 Pressione  ou  para Mensagens de Texto e pressione  para selecionar.  
O tom atual é indicado por um .
- 

- 7 Pressione  ou  para o tom necessário e pressione  para selecionar.  
 Um  aparece ao lado do tom selecionado.
- 

## 6.3.13.4

## Selecionar um Tipo de Toque de Alerta



### OBSERVAÇÃO:

O botão programado **Tipo de Toque de Alerta** é atribuído pelo revendedor ou administrador do sistema. Verifique com seu fornecedor ou administrador do sistema como seu rádio foi programado.

Você pode programar as chamadas de rádio para uma chamada de vibração predeterminada. Se o status Todos os Tons estiver desabilitado, o rádio exibirá o ícone Todos os Tons Mudos. Se o status Todos os Tons estiver

habilitado, o alerta do tipo campanha relacionado será exibido.

O rádio vibra uma vez se for um estilo de toque momentâneo. O rádio vibra repetidamente se for um estilo de toque repetitivo. Quando configurado para Tocar e Vibrar, o rádio toca uma determinada campanha sempre que existe uma entrada de transação de rádio (por exemplo, Alerta de Chamada ou Mensagem). Ele soa como um tom indicador positivo ou de chamada perdida.

Para rádios com baterias que oferecem suporte para o recurso de vibração e que são fixados a um clipe vibratório de cinto, as opções de Tipo de Toque de Alerta são Silencioso, Tocar, Vibrar, Tocar e Vibrar.

Para rádios com baterias que não oferecem suporte para o recurso de vibração e que não são fixados a um clipe vibratório de cinto, o Tipo de Toque de Alerta é automaticamente definido como Tocar. As opções de Alerta de Tipo de Campanha disponíveis são Silencioso e Campanha.

Você pode selecionar um Tipo de Toque de Alerta ao realizar uma das ações a seguir.

- Pressione o botão programado **Alerta de Tipo de Campanha** para acessar o menu do Alerta de Tipo de Campanha.

a. Pressione ▲ ou ▼ para Tocar, Vibrar, Tocar e Vibrar ou Silencioso e pressione  para selecionar.

- Acesse este recurso por meio do menu.

a. Pressione  para acessar o menu.

b. Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

c. Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.

d. Pressione ▲ ou ▼ para Tons/Alertas e pressione  para selecionar.

e. Pressione ▲ ou ▼ para Tipo de Camp. e pressione  para selecionar.

f. Pressione ▲ ou ▼ para Tocar, Vibrar, Tocar e Vibrar ou Silencioso e pressione  para selecionar.

## 6.3.13.5

## Configurar Estilo de Vibração

**OBSERVAÇÃO:**

O botão programado **Estilo Vibração** é atribuído pelo revendedor ou administrador do sistema. Verifique com seu fornecedor ou administrador do sistema como seu rádio foi programado.

O Estilo de Vibração é ativado quando o Clipe Vibratório de Cinto é encaixado no rádio com uma bateria que oferece suporte para a função de vibração.

Você pode configurar o estilo de vibração realizando as ações a seguir.

- Pressione o botão programado **Estilo de Vibração** para acessar o menu Estilo de Vibração.

a. Pressione ▲ ou ▼ para Curto, Médio ou

Longo e pressione  para selecionar.

- Acessa este recurso por meio do menu.

a. Pressione  para acessar o menu.

b. Pressione ▲ ou ▼ para Utilitários e

pressione  para selecionar.

c. Pressione ▲ ou ▼ para Conf. do Rádio e

pressione  para selecionar.

d. Pressione ▲ ou ▼ para Tons/Alertas e

pressione  para selecionar.

e. Pressione ▲ ou ▼ para Modo Vibração e

pressione  para selecionar.

f. Pressione ▲ ou ▼ para Curto, Médio ou

Longo e pressione  para selecionar.

## 6.3.13.6

## Aumentar Volume do Tom de Alarme

Você pode programar o rádio para alertá-lo continuamente quando uma chamada de rádio permanece não atendida. Isso é feito por meio do aumento automático do volume do

tom de alarme com o tempo. Essa função é conhecida por Tom de Alerta Progressivo.

#### 6.3.14

### Registro de Chamadas

O rádio mantém registro de todas as Chamadas Privadas recentes feitas, atendidas e perdidas. Use a função de registro de chamadas para exibir e gerenciar chamadas recentes.

Você pode executar as seguintes tarefas em cada uma das listas de chamada:

- Excluir
- Exibir Detalhes

#### 6.3.14.1

### Exibir as Últimas Chamadas

As listas são Perdidas, Respondidas e Enviadas.

- 1 Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Reg. Chamada e pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para a lista preferida e pressione  para selecionar.

O monitor exibe a entrada mais recente no início da lista.

- 4 Pressione ▲ ou ▼ para exibir a lista.  
Pressione o botão **PTT** para iniciar uma Chamada Privativa com o alias ou ID atualmente selecionado.

#### 6.3.14.2

### Excluir uma Chamada na Lista de Chamadas

- 1 Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Reg. Chamada e pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para a lista necessária e pressione  para selecionar.

Se for selecionada uma lista de chamadas e ela não contiver entradas, o visor exibirá *Lista Vazia* e emitirá um tom baixo, se os Tons de Teclado estiverem ativados.

- 4 Pressione ▲ ou ▼ para o alias ou ID solicitado e pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para Excluir e pressione  para selecionar.

- 6 Execute uma das seguintes opções:

- Pressione  para selecionar *Sim* para excluir a entrada. O monitor exibe *Entrada Excluída*.

- Pressione ▲ ou ▼ para *Não* e pressione o botão  para retornar à tela anterior.

### 6.3.14.3

## Exibir Detalhes de uma Lista de Chamadas

- 1 Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Reg. Chamada e pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para a lista necessária e pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para o alias ou ID solicitado e pressione  para selecionar.

5 Pressione ▲ ou ▼ para Exibir Detalhes e

pressione  para selecionar.

O monitor exibe detalhes da lista de chamadas.

### 6.3.15

## Operação de Alerta de Chamada

A página Alerta de Chamada permite que você alerte um usuário de rádio específico para retornar sua chamada quando puder.

Esse recurso está acessível no menu por meio de Contatos, discagem manual ou um botão programado

### Acesso de Um Toque.

#### 6.3.15.1

## Responder a Alertas de Chamada

Ao receber um Alerta de chamada:

- Um tom repetitivo é emitido.
- O LED amarelo pisca.

- O visor exibirá a lista de notificações com um Alerta de Chamada com o alias ou ID do rádio transmissor.

Dependendo da configuração feita pelo revendedor ou o programador de sistema, você pode responder a um Alerta de Chamada com um dos seguintes procedimentos:

- Pressione o botão **PTT** e responda à Chamada Privativa diretamente para o chamador.
- Pressione o botão **PTT** para continuar com a comunicação normal com o grupo de conversação.

O Alerta de Chamada é movido para o Registro de Chamadas Perdidas no menu de Registro de Chamadas. Você pode responder ao chamador pelo registro de Chamadas Perdidas.

Consulte [Lista de Notificações na página 223](#) e [Recursos de Registro de Chamadas na página 164](#) para obter mais informações.

## 6.3.15.2

## Fazer um Alerta de Chamada da Lista de Contatos

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Contatos e pressione  para selecionar.

---

- 3 Use uma das etapas descritas a seguir para selecionar o nome ou ID de rádio necessário:
  - Selecione o alias do rádio diretamente
    - Pressione ▲ ou ▼ para o alias do rádio solicitado e pressione  para selecionar.
  - use o menu Discagem Manual
    - Pressione ▲ ou ▼ para Discagem Manual e pressione  para selecionar.

- A tela entrada de texto Discagem Manual deve ser exibida. Digite o ID do Rádio e pressione  .

- 
- 4 Pressione ▲ ou ▼ para Alerta de Chamada e pressione  para selecionar.

O monitor mostrará Alerta de Chamada: <Alias ou ID do Rádio>Alerta de Chamada e o alias ou ID do rádio, indicando que o Alerta de Chamada foi enviado.

O LED acende em verde contínuo enquanto o rádio envia um Alerta de Chamada.

Se a confirmação de Alerta de Chamada for recebida, o monitor exibirá Alerta Bem-sucedido.

Se a confirmação de Alerta de Chamada não for recebida, o monitor exibirá Falha de Alerta.

---

## 6.3.15.3

## Fazer um Alerta de Chamada com o Botão Acesso com Um Toque

Pressione o botão programado **Acesso com um Toque** para fazer um Alerta de Chamada para o nome predefinido.

O visor exibe `Alerta cham.` e o nome ou ID do rádio, indicando que um Alerta de Chamada foi enviado.

O LED acende em verde contínuo enquanto o rádio envia um Alerta de Chamada.

Se a confirmação de Alerta de Chamada for recebida, o visor mostrará `Alerta de Chamada Bem-sucedido`.

Se a confirmação de Alerta de Chamada não for recebida, o visor mostrará `Falha no Alerta de Chamada`.

## Modo Silencioso

O Modo silencioso fornece uma opção para silenciar todos os indicadores de áudio em seu rádio.

Quando o recurso Modo silencioso é iniciado, todos os indicadores de áudio são silenciados, exceto os recursos de maior prioridade, como operações de emergência.

Quando o Modo silencioso é encerrado, o rádio continua reproduzindo tons e transmissões de áudio em andamento.



### IMPORTANTE:

Você só pode ativar com o rádio voltado para baixo ou Man Down um de cada vez. Os dois recursos não podem ser ativados simultaneamente.

Esse recurso se aplica somente ao DGP 5550e/DGP 8550e, DGP 5050e/DGP 8050e.

## 6.3.16.1

## Ligar o Modo Silencioso

Siga o procedimento para ligar o Modo Silencioso.

Execute uma das seguintes opções:

- Acesse esse recurso usando o botão programado **Modo Silencioso**.

## 6.3.16



- Acesse esse recurso colocando o rádio em uma posição voltada para baixo momentaneamente.

Dependendo do modelo do rádio, o recurso Voltado para Baixo pode ser ativado pelo menu do rádio ou pelo administrador do sistema. Obtenha mais informações com seu revendedor ou administrador do sistema.



### IMPORTANTE:

O usuário pode ativar somente ManDown ou Voltado para Baixo de cada vez. Os dois recursos não podem ser ativados simultaneamente.



### OBSERVAÇÃO:

O recurso Voltado para Baixo é aplicável apenas para DGP 5550e/DGP 8550e .

---

Quando o Modo Silencioso está habilitado, ocorre o seguinte:

- Um Tom Indicador Positivo é emitido.
- O visor mostra `Modo Silencioso Ligado`.
- A luz vermelha do LED pisca e permanece piscando até sair do Modo Silencioso.
- O visor mostra o ícone **Modo Silencioso** na tela de início.

- O rádio é silenciado.
- O Timer do Modo Silencioso começa a fazer a contagem regressiva do período de tempo em que está configurado.

### 6.3.16.2

## Configuração do Timer do Modo Silencioso

A função Modo Silencioso pode ser habilitada por um período de tempo pré-configurado, configurando o Timer do Modo Silencioso. A duração do timer é configurada no menu do rádio e pode variar de 0,5 a 6 horas. Quando o timer expira, o Modo Silencioso é encerrado.

Se o timer for deixado em 0, o rádio permanecerá em Modo Silencioso por tempo indeterminado, até que o rádio seja movido para uma posição voltada para cima ou até

que o botão programado **Modo Sem Som** seja pressionado.



#### OBSERVAÇÃO:

O recurso Voltado para Baixo é aplicável somente ao DGP 5550e/DGP 8550e.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Temporiz Sil. Pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para editar o valor numérico de cada dígito e pressione .

---

#### 6.3.16.3

### Sair do Modo Silencioso

Esse recurso pode ser encerrado automaticamente quando o Timer do Modo Silencioso expira.

Execute uma das seguintes ações para sair do modo Silencioso manualmente:

- Pressione o botão programado **Modo Silencioso**.
- Pressione o botão **PTT** em qualquer entrada.
- Coloque o rádio na posição voltada para cima momentaneamente.



#### OBSERVAÇÃO:

O recurso Voltado para Baixo é aplicável somente ao DGP 5550e/DGP 8550e.

Quando o Modo Silencioso está desabilitado, ocorre o seguinte:

- Um Tom Indicador Negativo é emitido.
- O visor mostra `Modo Silencioso Desligado`.
- O LED vermelho intermitente apaga.

- O ícone **Modo Silencioso** desaparece da tela de início.
- O rádio sai do modo silencioso e o estado do alto-falante é restaurado.
- Se o timer não tiver expirado, o timer do modo Silencioso é interrompido.



**OBSERVAÇÃO:**

O Modo Silencioso também é encerrado se o usuário transmite voz ou muda para um canal não programado.

6.3.17

## Operação de emergência



**OBSERVAÇÃO:**

Se seu rádio for programado para Iniciação de emergência Silencioso ou Silencioso com voz, na maioria dos casos, ele sairá automaticamente da operação silenciosa após a Chamada de Emergência ou o Alerta de Emergência serem encerrados. A exceção a essa regra é quando o Alerta Emerg. é o Modo de Emergência configurado e Silencioso é o Tipo de Emergência configurado. Se seu rádio estiver programado dessa maneira, a operação continuará em silêncio até que você cancele a operação silenciosa, pressionando o botão **PTT** ou o botão configurado como Emergência Desativada.

Chamadas de voz de emergência e Alertas de Emergência não são compatíveis ao operar no modo Fallback Automático do Connect Plus. Para obter mais informações, consulte [Fallback Automático na página 293](#) .

Um Alerta de Emergência é usado para indicar uma situação crítica. Você pode iniciar uma Emergência a qualquer momento em qualquer visor, mesmo quando existe atividade no canal atual. Pressionar o botão **Emergência** inicia o modo de Emergência programado. O

modo de Emergência programado pode também ser iniciado pelo acionamento do recurso opcional Man Down. O recurso de Emergência pode ser desabilitado em seu rádio.

Seu revendedor pode configurar o tempo de pressionamento para o botão programado **Emergência**, exceto para pressionamento longo que é semelhante a todos os outros botões:

#### **Pressionamento curto**

Entre 0,05 segundos e 0,75 segundos.

#### **Pressionamento Longo**

Entre 1,00 segundo e 3,75 segundos.

O botão **Emergência** é atribuído com a função Ativar/Desativar Emergência. Consulte seu revendedor para saber sobre a operação atribuída do botão **Emergência**.

- Se o pressionamento curto do botão de **Emergência** for atribuído para ativar o modo de Emergência, então o pressionamento longo para o botão de **Emergência** será atribuído para sair do modo de Emergência.
- Se o pressionamento longo do botão de **Emergência** for atribuído para ativar o modo de Emergência, então o pressionamento curto para o botão de **Emergência** será atribuído para sair do modo de Emergência.

Quando o rádio estiver selecionado para a zona do Connect Plus, ele suporta três modos de Emergência:

#### **Chamada de Emergência**

Pressione o botão **PTT** para falar no espaço de tempo de emergência atribuído.

#### **Chamada de Emergência com Voz a Seguir**

Para a primeira transmissão no espaço de tempo de emergência atribuído, o microfone fica automaticamente com som e você pode falar sem pressionar o botão **PTT**. O microfone permanecerá "ativado" dessa maneira por um período de tempo programado no rádio. Para as transmissões subsequentes na mesma chamada de Emergência, você terá de pressionar o botão **PTT**.

#### **Alerta de Emergência**

Um Alerta de Emergência não é uma chamada de voz. Trata-se de uma notificação de emergência que é enviada aos rádios configurados para receber tais alertas. O rádio envia um alerta de emergência por meio do canal de controle do site atualmente registrado. O Alerta de Emergência é recebido por rádios da rede do Connect Plus que são programados para recebê-lo (independentemente do site da rede em que estejam registrados).

Somente um dos Modos de Emergência pode ser atribuído ao botão Emergência por zona. Além disso, cada modo de Emergência possui os seguintes tipos:

### **Normal**

O rádio inicia uma Emergência e exibe indicadores de áudio e/ou visuais.

### **Silent**

O rádio inicia uma Emergência sem qualquer indicador de áudio ou visual. O rádio suprime todas as indicações sonoras ou visuais de Emergência até que você pressione o botão **PTT** para iniciar uma transmissão de voz.

### **Silencioso com voz**

A mesma operação silenciosa, exceto que o rádio também tem som para algumas transmissões de voz.

Emergência e uma linha de informação adicional. A informação adicional é o nome da zona que contém o Contato de Grupo.

Neste momento, o rádio exibe apenas a Emergência decodificada mais recentemente. Se uma nova Emergência for recebida antes de a Emergência anterior ser resolvida, os detalhes da nova Emergência substituirão os detalhes da anterior.

Dependendo de como o rádio foi programado, a tela Detalhes da Emergência (ou tela Lista de Alarmes) ficará no visor do rádio mesmo depois que a Emergência for finalizada. Você pode salvar os detalhes da emergência na Lista de Alarmes ou excluí-los, conforme descrito nas seções a seguir.

#### 6.3.17.1

### **Receber uma Emergência**

Seu rádio pode ser programado para emitir um tom de alerta e também exibir informações sobre a Emergência recebida. Se programado, ao receber uma Emergência, o visor exibirá a tela Detalhes da Emergência com o ícone correspondente, o Nome ou ID do rádio que a solicitou, o Contato de Grupo que está sendo usado para a

## 6.3.17.2

## Salvar os Detalhes da Emergência na Lista de Alarmes

Salvar os detalhes da emergência na Lista de Alarmes permite que você os analise novamente mais tarde, basta selecionar Lista de Alarmes a partir do Menu Principal.

- 1 Quando a tela Detalhes da Emergência (ou Lista de Alarmes) for exibida, pressione .  
A tela **Sair da Lista de Alarmes** será exibida.

- 2 Execute uma das seguintes ações:

- Selecione **Sim** e pressione  para salvar os detalhes da emergência na Lista de Alarmes e para sair da tela Detalhes da Emergência (ou Lista Alarmes).
- Selecione **Não** e pressione  para voltar para a tela Detalhes da Emergência (ou Lista Alarmes).

## 6.3.17.3

## Excluir os Detalhes da Emergência

- 1 Quando a tela Detalhes da Emergência for exibida, pressione .  
A tela **Excluir** será exibida.

- 2 Execute uma das seguintes ações:

- Selecione **Sim** e pressione  para excluir os detalhes da emergência.
- Selecione **Não** e pressione  para voltar para a tela Detalhes da Emergência.

6.3.17.4

## Responder a uma Chamada de Emergência



### OBSERVAÇÃO:

Se você não responder à Chamada de Emergência dentro do prazo estipulado no Tempo de Espera da Chamada de Emergência, ela será concluída. Se quiser falar com o grupo depois que o Tempo de Espera da Chamada de Emergência acabar, você terá que selecionar a posição do canal atribuído ao grupo (se não estiver selecionado). Em seguida, pressione **PTT** para iniciar uma Chamada que não seja de Emergência com o grupo.

- 1 Ao receber uma Chamada de Emergência, pressione qualquer botão para interromper todas as indicações da Chamada de Emergência recebidas.

- 2 Pressione o botão **PTT** para iniciar uma transmissão de voz no grupo de Emergência.

Todos os rádios que estiverem monitorando esse grupo ouvirão a transmissão.

- 3 Espere que o Tom Permitir Falar termine (se habilitado) e fale claramente ao microfone.

O LED se acende em verde.

- 4 Solte o botão **PTT** para ouvir.

Quando o rádio que iniciou a emergência responder, o LED piscará em verde. Você verá o ícone de Group Call, o ID do grupo e o ID do rádio que está fazendo a transmissão no visor.

6.3.17.5

## Responder a um Alerta de Emergência



### OBSERVAÇÃO:

O contato do Grupo usado para o Alerta de Emergência não deve ser usado para comunicação por voz. Isso pode evitar que outros rádios enviem e recebam Alertas de Emergência do mesmo grupo.

Um Alerta de Emergência de um rádio indica que o usuário está em uma situação urgente. Você pode responder ao alerta iniciando uma chamada privativa para o rádio que declarou a emergência, iniciando uma chamada de grupo para seu grupo de conversação designado, enviando ao rádio um Alerta de Chamada, iniciando um Monitor Remoto

de tal rádio, etc. A resposta adequada é determinada pela organização e a situação individual.

#### 6.3.17.6

### Ignorar Chamada de Reversão de Emergência

Esta melhoria do recurso fornece uma opção para o seu rádio ignorar uma chamada de Reversão de emergência ativa.

Para permitir que o rádio ignore chamada de reversão de emergência, o rádio deve ser configurado no Connect Plus Customer Programming Software (CPCPS).

Quando a função for ativada, o rádio não exibe as indicações de chamada de emergência e não recebe qualquer áudio no ID de Grupo de Reversão de Emergência.

Entre em contato com o revendedor para obter mais informações.

#### 6.3.17.7

## Iniciar uma Chamada de Emergência



### OBSERVAÇÃO:

Se o rádio estiver definido como Silencioso, ele não exibirá todos os indicadores de áudio ou visuais durante o modo de emergência até que você pressione o botão **PTT** para iniciar a transmissão de voz.

Se o seu rádio for definido como Silencioso com Voz, ele não exibirá inicialmente nenhum indicador de áudio ou visual de que o rádio está no modo de Emergência. No entanto, o seu rádio terá desativação da função do mudo para as transmissões de rádios que respondem a sua emergência. Os indicadores de emergência só aparecerão depois que você pressionar o botão **PTT** para iniciar a transmissão de voz do rádio.

Para as operações "Silencioso" e "Silencioso com Voz", o rádio sai automaticamente da operação silenciosa após a conclusão da Chamada de Emergência.

- 1 Pressione o botão programado **Emergência**.
- 2 Pressione o botão **PTT** para iniciar uma transmissão de voz no grupo de Emergência.



Quando você solta o botão **PTT**, a chamada de Emergência continua pelo período reservado para o Tempo de Espera da Chamada de Emergência.

Se você pressionar o botão **PTT** durante esse período, a chamada de Emergência continuará.

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#### 6.3.17.8

### Iniciar uma Chamada de Emergência com Voz para Acompanhar

O seu rádio deve ser programado para esse tipo de operação.

Quando ativado para essa operação, ao pressionar o botão programado **Emergência** e quando o seu rádio receber a atribuição de espaço de tempo, o microfone será ativado automaticamente, sem necessidade de pressionar o botão **PTT**. Esse estado de microfone ativado também é conhecido como "microfone ativo". O microfone ativo aplica-se à primeira transmissão de voz do rádio durante a Chamada de emergência. Para as transmissões subsequentes na mesma chamada de Emergência, você terá de pressionar o botão **PTT**.

- 1 Pressione o botão programado **Emergência**.
- 

- 2 O microfone permanece ativo pelo tempo de "microfone ativo" especificado na programação de codeplug do rádio.

Durante este tempo, o LED verde acende.

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- 3 Pressione e mantenha pressionado o botão **PTT** para falar por mais tempo do que a duração programada.
- 

#### 6.3.17.9

### Iniciar um Alerta de Emergência



#### OBSERVAÇÃO:

Se o seu rádio for programado para "Silencioso" ou "Silencioso com Voz", ele não providenciará nenhuma indicação sonora ou visual de que está enviando um Alerta de Emergência. Se programado como "Silencioso", a operação silenciosa continuará indefinidamente até que você pressione PTT ou o botão configurado para "Emergência Desativada". Se programado como "Silencioso com Voz", o rádio cancelará automaticamente a operação silenciosa quando o controlador do site transmitir o Alerta de Emergência.

Pressione o botão laranja **Emergência**.

Ao transmitir o Alerta de Emergência para o controlador de site, o visor do rádio exibirá o ícone Emergência, o contato do Grupo usado para o Alerta de Emergência e o Alarme de TX.

Depois que o Alerta de Emergência for enviado e estiver sendo transmitido para outros rádios, um tom indicador positivo será emitido e o rádio exibirá **Alarme Enviado**. Se o Alerta de Emergência não for bem-sucedido, um tom indicador negativo será emitido e o rádio exibirá **Falha alarme**.

#### 6.3.17.10

### Como Sair do Modo de Emergência



#### OBSERVAÇÃO:

Se a Chamada de emergência terminar devido à expiração do Tempo de Espera da Chamada de Emergência, mas a condição de emergência ainda não tiver acabado, pressione o botão de **Emergência** novamente para reiniciar o processo.

Se você iniciar um Alerta de Emergência pressionando o botão de **Emergência** programado, o rádio sairá

automaticamente do modo Emergência após receber uma resposta do sistema do Connect Plus.

Se você fizer uma Chamada de emergência pressionando o botão de **Emergência** programado, o rádio será automaticamente atribuído a um canal quando um se tornar disponível. Uma vez que seu rádio tiver transmitido uma mensagem indicando a emergência, você não poderá cancelar a sua chamada de emergência. No entanto, se você pressionar o botão por acidente ou a emergência não existir mais, você poderá querer dizer isso no canal atribuído. Quando você solta o botão **PTT**, a chamada de Emergência é interrompida depois que o Tempo de Espera da Chamada de Emergência acabar.

Se o seu rádio foi configurado para Emergência com Voz a Seguir, usar o período de "microfone ativado" para explicar o seu erro, em seguida, pressione e solte o botão **PTT** para interromper a transmissão. A Chamada de emergência será interrompida depois que o Tempo de Espera da Chamada de Emergência acabar.

## 6.3.18

## Alarmes Man Down

**OBSERVAÇÃO:**

Este recurso é aplicável apenas para DGP 5550e/DGP 8550e.

Alarmes Man Down não são suportados ao operar no modo Fallback. Para obter mais informações, consulte [Fallback Automático na página 293](#).

Esta seção descreve o recurso do Connect Plus Man Down. Este é um recurso que pode ser comprado e que pode ou não ser aplicável ao seu rádio.

O rádio portátil Connect Plus pode ser ativado e programado para um ou mais dos Alarmes Man Down. O revendedor ou administrador do sistema de rádio pode determinar se isso se aplica a seu rádio e quais os Alarmes específicos Man Down foram ativados e programados.

Se o seu rádio tiver sido programado para um ou mais dos seguintes Alarmes Man Down, é importante que você compreenda como o Alarma funciona, que indicação o rádio fornece (tons) e a ação que deve ser tomada.

A finalidade dos Alarmes Man Down é alertar aos outros sobre a possibilidade de que você encontre-se em perigo. Isso será feito pela programação do rádio para detectar um

determinado ângulo de inclinação, ausência de movimento, ou movimento, dependendo do Alarma Man Down que está ativado. Se o seu rádio detectar um tipo de movimento não permitido, e se a condição não for corrigida em um determinado período de tempo, o rádio começará a emitir um Tom de alerta (se programado). A essa altura, você deve imediatamente tomar uma ou mais das ações corretivas que serão abordadas abaixo, dependendo dos Alarmes Man Down que tiverem sido ativados para o seu rádio. Se você não tomar medidas corretivas em um determinado período, o rádio automaticamente iniciará uma Emergência (uma Chamada de Emergência ou um Alerta de Emergência).

- **Alarma de Inclinação** - Quando o rádio está inclinado ou longe de um ângulo especificado durante um determinado período de tempo, ele emite um tom de alerta (se programado). Para evitar que o rádio toque automaticamente uma Chamada de Emergência ou Alerta de Emergência, restaure o rádio para a posição vertical imediatamente.
- **Alarma Antimovimento** - Quando o rádio fica imóvel durante um período de tempo, ele emite um Tom de Alerta (se programado). Para evitar que o rádio inicie automaticamente uma Chamada de Emergência ou um Alerta de Emergência, mova o rádio imediatamente.

- **Alarme de Movimento** - Quando o rádio estiver se movendo durante um período de tempo, ele emite um Tom de alerta (se programado). Para evitar que o rádio inicie automaticamente uma Chamada de Emergência ou um Alerta de Emergência, pare o movimento do rádio imediatamente.

O revendedor ou administrador do sistema de rádio pode determinar quais dos alarmes acima (se houver) foi ativado pela programação do rádio. É possível ativar os Alarmes de Inclinação e Antimovimento. Nesse caso, o Tom de alerta será emitido quando o rádio detectar a primeira violação de movimento.

Em vez de tomar as ações corretivas que serão abordadas acima, você também pode impedir que o rádio inicie uma chamada de Emergência ou Alerta de Emergência usando um botão programável, se o seu rádio tiver sido configurado dessa maneira. Isso será discutido nas próximas duas seções.

#### 6.3.18.1

## Ativar e Desativar os Alarmes Man Down



### OBSERVAÇÃO:

O botão programado **Man Down** e as configurações de Man Down são definidos usando o CPS. Verifique com seu fornecedor ou administrador do sistema como seu rádio foi programado.

Se você habilitar o Man Down ao nível máximo de sensibilidade e definir o Modo Vibrar para alto, a rádio restringe automaticamente o Modo Vibrar para médio. Essa função evita o Modo Vibrar de iniciar o recurso de emergência Man Down.

O procedimento para ativar e desativar os Alarmes Man Down dependerá de como o seu rádio é programado. Se programado com um botão Liga/Desliga de Alarmes Man Down, use o botão para alternar o Desligamento e ligamento manual de Alarmes Man Down. Isso se aplica a todos os Alarmes Man Down do seu rádio.

Ao usar o botão programável para ativar os Alarmes Man Down, o rádio emite um tom que aumenta e exibe uma breve mensagem de confirmação.

Para ouvir os tons descrito acima ao ativar e desativar os Alarmes Man Down, o rádio e conexão MOTOTRBO e a

Placa Opcional do Connect Plus deve estar habilitado para tons do teclado.

Se seu rádio estiver programado de modo que os Alarmes Man Down possam ser ativados ou desativados através do menu, siga o procedimento a seguir.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione  ou  para Utilitários e pressione  para selecionar.

---

- 3 Pressione  ou  para Connect Plus e pressione  para selecionar.

---

- 4 Pressione  ou  para Alar. Hmbr Caído e pressione  para selecionar.  
Se o Alarme Man Down estiver desativado, a opção **Habilitar** será exibida.  
Se o Alarme Man Down estiver ativado, a opção **Desab.** será exibida.

---

- 5 Pressione  ou  para **Habilitar** ou **Desab.** e pressione  para selecionar.
- 

### 6.3.18.2

## Reiniciar os Alarmes Man Down

Se seu rádio tiver sido programado com o botão Reiniciar Alarmes Man Down ou a opção do menu Alarmes Man Down, é possível redefinir os Alarmes Man Down sem ter de ativá-los e desativá-los. Isso interrompe qualquer Tom de Alerta Man Down que esteja sendo reproduzido no momento e também redefine os temporizadores de Alarme. No entanto, ainda é necessário corrigir a violação de movimento tomando a ação corretiva apropriada descrita na seção Alarmes Man Down. Se a violação do movimento não for corrigida dentro um determinado período de tempo, o Tom de Alerta começa a ser reproduzido novamente.

O procedimento de reinicialização dos Alarmes Man Down dependerá de como o rádio está programado. Se programado com um botão Man Down Alarms Reset (Reiniciar Alarmes Man Down), use o botão para Reiniciar os Alarmes Man Down. Isso se aplica a todos os Alarmes Man Down do seu rádio.

Ao usar o botão programável para reiniciar os Alarmes Man Down, o rádio exibe uma breve mensagem de confirmação.

Se seu rádio estiver programado de modo que os Alarmes Man Down possam ser Reiniciados através do menu, siga o procedimento abaixo:

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Connect Plus e pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Alar. Hmbr Caído e pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para Reiniciar e pressione



para selecionar.

O rádio exibe uma breve mensagem de confirmação.

### 6.3.19

## Recurso de Beacon

O recurso Beacon é parte do Connect Plus Man Down, um recurso que pode ser adquirido. O revendedor ou Administrador do sistema de rádio pode determinar se o recurso Beacon se aplica a seu rádio.

Se o rádio tiver sido ativado e programado para um ou mais dos Alarmes Man Down, ele também pode estar ativado para o recurso Beacon.

Se o rádio iniciar automaticamente uma Chamada de Emergência ou Alerta de Emergência devido a um dos Alarmes Man Down, e se o rádio também for habilitado para o recurso Beacon, o rádio começa a emitir periodicamente um tom agudo, aproximadamente uma vez a cada dez segundos. O intervalo pode variar dependendo se você estiver falando em seu rádio ou não. O objetivo do tom do Beacon é ajudar pesquisadores a localizá-lo. Se o

seu rádio também for habilitado para o "Visual Beacon (Sinal Visual)", a luz de fundo do rádio acende durante alguns segundos a cada vez que o tom do Beacon soa.

Você pode interromper a emissão do tom do Beacon usando um botão programável, se o rádio foi configurado dessa forma. Isso será discutido nas próximas duas seções. Se o seu rádio não tiver o botão programável ou uma opção de menu, você pode interromper o tom do Beacon desligando o rádio e depois ligando-o novamente, ou trocando para uma zona diferente (se o seu rádio estiver programado para mais de uma zona).

### 6.3.19.1

## Ativar e Desativar o Recurso de Beacon

O procedimento para ativar e desativar o Beacon dependerá de como o seu rádio é programado. Se seu rádio estiver programado com o botão Ativar/desativar beacon, utilize-o para ativar ou desativar o Beacon.

- Ao usar o botão programável para ativar o Sinal, o rádio emite um tom que aumenta e exibe uma breve mensagem de confirmação.

- Ao usar o botão programável para desativar o Sinal, o rádio emite um tom que diminui e exibe uma breve mensagem de confirmação.

Para ouvir os tons descritos acima ao ativar e desativar o Beacon, a Placa Opcional do rádio MOTOTRBO e o Connect Plus deve estar habilitada para tons do teclado. Se seu rádio estiver programado de modo que o Beacon possa ser ativado ou desativado através do menu, siga o processo abaixo:

- 1 Pressione  para acessar o menu.
- 2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.
- 3 Pressione ▲ ou ▼ para Connect Plus e pressione  para selecionar.
- 4 Pressione ▲ ou ▼ para Sinal e pressione  para selecionar.

Se o Sinal estiver atualmente desativado, a opção **Habilitar** será exibida.

Se o Sinal estiver atualmente ativado, a opção **Desab.** será exibida.

- 
- 5 Pressione ▲ ou ▼ para **Habilitar** ou **Desab.** e pressione  para selecionar.

O rádio exibe uma breve mensagem para confirmar que o Beacon Man Down foi ativado (ou desativado).

---

### 6.3.19.2

## Reiniciar o Beacon

Se o rádio tiver sido programado com o botão de Reinicialização de Sinal, ou a opção do menu Sinal, será possível reinicializar o Sinal. Isso interrompe o Tom de Sinal (e também o Sinal Visual) sem desligar o recurso Sinal. O procedimento de reinicialização do Beacon dependerá de como o rádio está programado. Se estiver programado com um botão de Reinicialização de Beacon, use o botão para Reinicializar o Beacon. Ao usar o botão programável para reiniciar os Alarmes Man Down, o rádio exibe uma breve mensagem de confirmação. Se o rádio

estiver programado de modo que o Beacon possa ser Reiniciado através do menu, siga o processo abaixo:

- 
- 1 Pressione  para acessar o menu.

---

  - 2 Pressione ▲ ou ▼ para **Utilitários** e pressione  para selecionar.

---

  - 3 Pressione ▲ ou ▼ para **Connect Plus** e pressione  para selecionar.

---

  - 4 Pressione ▲ ou ▼ para **Sinal** e pressione  para selecionar.

---

  - 5 Pressione ▲ ou ▼ para **Reiniciar** e pressione  para selecionar.  
O rádio exibe uma breve mensagem de confirmação.

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## 6.3.20

## Mensagens de Texto

Seu rádio pode receber dados, por exemplo, uma mensagem de texto de outro rádio ou de um aplicativo de mensagem de texto.

Há dois tipos de mensagens de texto, Mensagem Curta de Texto de DMR (Digital Mobile Radio, rádio móvel digital) e mensagem de texto. O tamanho máximo de uma Mensagem Curta de Texto DMR é de 23 caracteres. O limite máximo de uma mensagem de texto é de 280 caracteres, incluindo a linha de assunto. A linha de assunto só é exibida quando você recebe mensagens de aplicativos de email.



### OBSERVAÇÃO:

O tamanho máximo de caracteres é aplicável apenas para modelos com a versão mais recente de software e hardware. Para modelos de rádio com software e hardware mais antigos, o tamanho máximo de uma mensagem de texto é de 140 caracteres. Entre em contato com o revendedor para obter mais informações.

## 6.3.20.1

## Escrever e Enviar uma Mensagem de Texto

- 1 Acessar o recurso **Mensagem de Texto**.

| Controle<br>s do<br>Rádio                 | Etapas                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Botão Mensagem de Texto Programado</b> | Pressione o botão <b>Mens. texto</b> programado.                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Menu</b>                               | <p>a Pressione  para acessar o menu.</p> <p>b Pressione  ou  para Mensagens e pressione  para selecionar.</p> |

- 2 Pressione ▲ ou ▼ para Redigir e pressione



para selecionar.

É exibido um cursor piscando.

- 3 Use o teclado para digitar sua mensagem.

Pressione ◀ para mover um espaço para a esquerda. Pressione ▶ ou a tecla (#) para mover um espaço para a direita. Pressione a tecla (\*<) para excluir caracteres indesejados. Mantenha (#) pressionado para alterar o método de entrada de texto.

- 4 Pressione (OK) quando terminar de escrever.

- 5 Se você estiver enviando a mensagem, selecione o destinatário por

- Pressione ▲ ou ▼ para o alias necessário e pressione (OK) para selecionar.

- Pressione ▲ ou ▼ para Discagem Manual e pressione (OK) para selecionar. A primeira linha do monitor exibirá Número: . A segunda linha do monitor exibe um cursor piscando. Digite o alias ou ID do rádio e pressione (OK) .

O monitor exibe Enviando Mensagem para confirmar que sua mensagem está sendo enviada.

Quando a mensagem é enviada com sucesso, um tom é emitido, e o monitor exibe Mensagem Enviada.

Quando a mensagem não é enviada, um tom baixo é emitido e o monitor exibe Envio da Msg. Falhou.

Se a mensagem de texto não for enviada, o rádio retornará para a tela de opções Reenviar (consulte [Gerenciar Mensagens de Texto com Falha de Envio na página 342](#) ).

## 6.3.20.2

## Enviar uma Mensagem de Texto Rápido

Seu rádio oferece suporte a um máximo de 10 mensagens de Texto Rápido, como programado por seu revendedor.

Embora as mensagens de Texto Rápido sejam predefinidas, você pode editar cada uma delas antes de enviá-las.

Se você estiver enviando a mensagem, realize o seguinte para selecionar um destinatário:

- Pressione ▲ ou ▼ para o alias necessário e

pressione  para selecionar.

- Pressione ▲ ou ▼ para Discagem Manual e

pressione  para selecionar. A primeira linha do monitor exibirá Número: . A segunda linha do monitor exibe um cursor piscando. Digite o alias

ou ID do rádio e pressione  .

O monitor exibe Enviando Mensagem para confirmar que sua mensagem está sendo enviada.

Quando a mensagem é enviada com sucesso, um tom é emitido, e o monitor exibe Mensagem Enviada.

Quando a mensagem não é enviada, um tom baixo é emitido e o monitor exibe Envio da Msg. Falhou.

Se a mensagem de texto não for enviada, o rádio retornará para a tela de opções Reenviar (consulte [Gerenciar Mensagens de Texto com Falha de Envio na página 342](#) ).

## 6.3.20.3

## Enviar Mensagens de Texto Rápido com o Botão Acesso com um Toque

Para enviar uma mensagem de Texto Rápido predefinida para um alias predefinido, pressione o botão programado **Bot um toque**.

O visor exibe Enviando mensagem.

Se a mensagem for enviada com êxito, o rádio exibirá as seguintes indicações:

- Um tom positivo é emitido.

- A tela exibe **Mensagem Enviada**.

Se o envio da mensagem falha, o rádio mostra as seguintes indicações:

- Um tom negativo é emitido.
- O visor mostra **Falha ao enviar mensagem**.

Se a mensagem de texto não for enviada, o rádio retornará à tela de opções **Reenviar**.

Consulte [Gerenciar Mensagens de Texto com Falha de Envio na página 342](#).

#### 6.3.20.4

### Acessar a Pasta Rascunhos

Você pode salvar uma mensagem de texto para enviá-la mais tarde.

Se o pressionamento do botão **PTT** ou a alteração de um modo fizer com que o rádio saia da tela de escrita/edição da mensagem de texto enquanto você estiver escrevendo ou editando uma mensagem, sua mensagem de texto atual será automaticamente salva na pasta Rascunhos.

A mensagem de texto salva por último é sempre adicionada no início da lista Rascunhos.

A pasta Rascunhos armazena no máximo as 10 (dez) últimas mensagens salvas. Se a pasta estiver cheia, a próxima mensagem de texto salva substitui automaticamente a mensagem de texto mais antiga na pasta.



#### OBSERVAÇÃO:

Mantenha  pressionado a qualquer momento para voltar à Tela Inicial.

#### 6.3.20.4.1

### Exibir uma Mensagem de Texto Salva

- 1 Acessar o recurso **Mensagem de Texto**.

| Controles do Rádio                        | Etapas                                           |
|-------------------------------------------|--------------------------------------------------|
| <b>Botão Mensagem de Texto Programado</b> | Pressione o botão <b>Mens. texto</b> programado. |

| Controles do Rádio | Etapas                                                                                                                                                                                                                                                                                          |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Menu               | <p><b>a</b> Pressione  para acessar o menu.</p> <p><b>b</b> Pressione ▲ ou ▼ para Mensagens e pressione  para selecionar.</p> |

2 Pressione ▲ ou ▼ para Rascunhos e pressione  para selecionar.

3 Pressione ▲ ou ▼ para a mensagem necessária e pressione  para selecionar.

## Editar e Enviar uma Mensagem de Texto Salva

1 Pressione  novamente enquanto exibe a mensagem.

2 Pressione ▲ ou ▼ para Editar e pressione  para selecionar.  
É exibido um cursor piscando.

3 Use o teclado para digitar sua mensagem.

Pressione ◀ para mover um espaço para a esquerda. Pressione ▶ ou a tecla  para mover um espaço para a direita. Pressione a tecla  para excluir caracteres indesejados. Mantenha  pressionado para alterar o método de entrada de texto.

4 Pressione  quando terminar de escrever.

## 5 Selecione o destinatário da mensagem por:

- Pressione ▲ ou ▼ para o alias necessário e pressione  para selecionar.

- Pressione ▲ ou ▼ para Discagem Manual e pressione  para selecionar. A primeira linha do monitor exibirá Número: . A segunda linha do monitor exibe um cursor piscando. Digite o alias ou ID do rádio e pressione .

O monitor exibe Enviando Mensagem para confirmar que sua mensagem está sendo enviada.

Quando a mensagem é enviada com sucesso, um tom é emitido, e o monitor exibe Mensagem Enviada.

Quando a mensagem não é enviada, um tom baixo é emitido e o monitor exibe Envio da Msg. Falhou.

Se não for possível enviar a mensagem, ela será movida para a pasta Enviados e marcada com um ícone Envio Falhou.

### 6.3.20.4.3

## Excluir uma Mensagem de Texto Salva dos Rascunhos

### 1 Acessar o recurso Mensagem de Texto.

| Controles do Rádio                        | Etapas                                                                                                                                                                                                                                                                                              |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Botão Mensagem de Texto Programado</b> | Pressione o botão <b>Mens. texto</b> programado.                                                                                                                                                                                                                                                    |
| <b>Menu</b>                               | <p><b>a</b> Pressione  para acessar o menu.</p> <p><b>b</b> Pressione ▲ ou ▼ para Mensagens e pressione  para selecionar.</p> |

- 2 Pressione ▲ ou ▼ para Rascunhos e pressione



para selecionar.

- 3 Pressione ▲ ou ▼ para a mensagem necessária

e pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Excluir e pressione



para excluir a mensagem de texto.

### 6.3.20.5

## Gerenciar Mensagens de Texto com Falha de Envio

Você pode selecionar uma das opções a seguir enquanto estiver na tela de opções Reenviar:

- Reenviar
- Encaminhar
- Editar

### 6.3.20.5.1

## Reenviar uma Mensagem de Texto



Pressione  para reenviar a mesma mensagem para o mesmo nome ou ID do rádio/grupo.

Se a mensagem for enviada com êxito, é emitido um tom e o visor exibe a mininota positiva.

Se não for possível enviar a mensagem, o visor exibe a mininota negativa.

### 6.3.20.5.2

## Encaminhar uma Mensagem de Texto

Selecione Encaminhar para enviar a mensagem para outro alias ou ID de rádio/grupo.

- 1 Pressione ▲ ou ▼ para Encaminhar e pressione



para selecionar.

- 2 Faça o seguinte para selecionar o destinatário da mensagem:

- Pressione ▲ ou ▼ para o alias ou ID solicitado e pressione  para selecionar.
- Pressione ▲ ou ▼ para Discagem Manual e pressione  para selecionar. A primeira linha do monitor exibirá Número:. A segunda linha do monitor exibe um cursor piscando. Digite o alias ou ID do rádio e pressione .

O monitor exibe Enviando Mensagem para confirmar que sua mensagem está sendo enviada.

Quando a mensagem é enviada com sucesso, um tom é emitido, e o monitor exibe Mensagem Enviada.

Quando a mensagem não é enviada, um tom baixo é emitido e o monitor exibe Envio da Msg. Falhou.

### 6.3.20.5.3

## Editar uma Mensagem de Texto

Selecione Editar para editar a mensagem antes de enviá-la.

- 1 Pressione ▲ ou ▼ para Editar e pressione  para selecionar.  
É exibido um cursor piscando.

- 2 Use o teclado para editar sua mensagem.

Pressione ◀ para mover um espaço para a esquerda. Pressione ▶ ou a tecla  para mover um espaço para a direita. Pressione a tecla  para excluir caracteres indesejados. Mantenha  pressionado para alterar o método de entrada de texto.

- 3 Pressione  quando terminar de escrever.



4 Dependendo se deseja enviar, salvar, reeditar ou excluir a mensagem que acabou de escrever, execute um dos procedimentos a seguir.

- Pressione ▲ ou ▼ para Enviar e pressione



para enviar a mensagem.

- Pressione ▲ ou ▼ para Salvar e pressione



para salvar a mensagem na pasta Rascunhos.

- Pressione  para editar a mensagem.

- Pressione  novamente para escolher entre excluir a mensagem ou salvá-la na pasta Rascunhos.

5 Se você estiver enviando a mensagem, selecione o destinatário por

- Pressione ▲ ou ▼ para o alias ou ID solicitado

e pressione  para selecionar.

- Pressione ▲ ou ▼ para Discagem Manual e



pressione para selecionar. A primeira linha do monitor exibirá Número: . A segunda linha do monitor exibe um cursor piscando. Digite o alias

ou ID do rádio e pressione .

O monitor exibe Enviando Mensagem para confirmar que sua mensagem está sendo enviada.

Quando a mensagem é enviada com sucesso, um tom é emitido, e o monitor exibe Mensagem Enviada.

Quando a mensagem não é enviada, um tom baixo é emitido e o monitor exibe Envio da Msg. Falhou.

### 6.3.20.6

## Gerenciar Mensagens de Texto Enviadas

Após uma mensagem ser enviada para outro rádio, ela é salva na pasta Itens Enviados. A mais recente mensagem

de texto enviada é sempre adicionada no topo da lista Itens Enviados.

A pasta Itens enviados pode armazenar no máximo as trinta (30) últimas mensagens enviadas. Quando a pasta estiver cheia, a próxima mensagem enviada substituirá automaticamente a mensagem de texto mais antiga na pasta.



### OBSERVAÇÃO:

Mantenha  pressionado a qualquer momento para voltar à Tela Inicial.

#### 6.3.20.6.1

### Visualizar uma Mensagem de Texto Enviada

- 1 Acessar o recurso **Mensagem de Texto**.

| Controle s do Rádio |                                                  |
|---------------------|--------------------------------------------------|
| Botão Mensagem de   | Pressione o botão <b>Mens. texto</b> programado. |

| Controle s do Rádio |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Texto Programado    |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Menu                | <p>a Pressione  para acessar o menu.</p> <p>b Pressione  ou  para Mensagens e pressione  para selecionar.</p> |

- 2 Pressione  ou  para Enviados e pressione  para selecionar.
- 3 Pressione  ou  para a mensagem necessária e pressione  para selecionar.

O ícone no canto superior direito da tela indica o status da mensagem (consulte [Ícones de Itens Enviados na página 270](#) ).

#### 6.3.20.6.2

### Enviar uma Mensagem de Texto Enviada

Você pode selecionar uma das opções a seguir enquanto exibe uma mensagem de texto enviada:

- Reenviar
- Avançar
- Editar
- Excluir

1

Pressione  novamente enquanto exibe a mensagem.

2

▲ ou ▼ para uma das seguintes opções e pressione  para selecionar.

| Opção           | Etapas                                                                                                                                                                                                                                 |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Avançar</b>  | Selecione Encaminhar para enviar a mensagem de texto selecionada para outro alias ou ID de rádio/grupo (consulte <a href="#">Encaminhar uma Mensagem de Texto na página 342</a> ).                                                     |
| <b>Editar</b>   | Selecione Editar para editar a mensagem de texto selecionada antes de enviá-la (consulte <a href="#">Editar uma Mensagem de Texto na página 343</a> ).                                                                                 |
| <b>Excluir</b>  | Selecione Excluir para excluir a mensagem de texto.                                                                                                                                                                                    |
| <b>Reenviar</b> | Selecione Reenviar para reenviar a mensagem de texto selecionada para o mesmo alias ou ID de rádio/grupo.<br><br>O monitor exibe Enviando Mensagem, confirmando que a mesma mensagem está sendo enviada para o mesmo rádio de destino. |

| Opção | Etapas                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       | <p>Quando a mensagem é enviada com sucesso, um tom é emitido, e o monitor exibe Mensagem Enviada.</p> <p>Quando a mensagem não é enviada, um tom baixo é emitido e o monitor exibe Envio da Msg. Falhou.</p> <p>Se a mensagem de texto não for enviada, o rádio retornará à tela de opções Reenviar. Pressione  para reenviar a mensagem para o mesmo alias ou ID de rádio/grupo.</p> |

Se você sair da tela de envio de mensagem enquanto a mensagem estiver sendo enviada, o rádio atualizará o status da mensagem na pasta Enviados sem oferecer nenhuma indicação sonora ou visual.

Se o modo do rádio for alterado ou se ele for desligado antes que o status da mensagem seja atualizado nos Enviados, não será possível concluir qualquer mensagem Em Andamento e ela será

marcada automaticamente com um ícone de **Falha no Envio**.

O rádio possui suporte para no máximo cinco (5) mensagens Em Andamento por vez. Durante esse período, o rádio não poderá enviar nenhuma mensagem nova e a marcará automaticamente com um ícone **Falha no Envio**.

### 6.3.20.6.3

## Excluir Todas as Mensagens de Texto Enviadas de Enviados

- 1 Acessar o recurso **Mensagem de Texto**.

| Controles do Rádio                        | Etapas                                                                                                               |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Botão Mensagem de Texto Programado</b> | Pressione o botão <b>Mens. texto</b> programado.                                                                     |
| <b>Menu</b>                               | a Pressione  para acessar o menu. |

| Controles do Rádio | Etapas                                                                                                                                                  |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
|                    | <b>b</b> Pressione ▲ ou ▼ para Mensagens e pressione  para selecionar. |

- 2 Pressione ▲ ou ▼ para Enviados e pressione  para selecionar.

Se for selecionada a opção **Itens Enviados** e ela não contiver mensagens de texto, o visor mostrará **Lista Vazia** e será emitido um tom grave se os Tons de Teclado estiverem ativados.

- 3 Pressione ▲ ou ▼ para Excluir Tudo e pressione  para selecionar.

- 4 Escolha uma das seguintes opções:

- Pressione ▲ ou ▼ para **Sim** e pressione  para selecionar. O monitor exibe uma mininota positiva.
- Pressione ▲ ou ▼ para **Não** e pressione  para retornar à tela anterior.

#### 6.3.20.7

### Receber uma Mensagem de Texto

Quando o rádio recebe uma mensagem, o visor exibe a **Lista de Notificações** com o nome ou ID do remetente e o ícone **Mensagem**.

Você pode selecionar uma das opções a seguir quando receber uma mensagem de texto:

- Lido
- Ler mais tarde
- Excluir

## 6.3.20.8

## Ler uma Mensagem de Texto

1

Pressione ▲ ou ▼ para Ler? e pressione  para selecionar.

A mensagem selecionada na Caixa de Entrada é exibida.

---

2 Execute uma das seguintes opções:

- Pressione  para retornar à Caixa de Entrada.
  - Pressione  uma segunda vez para responder, encaminhar ou excluir a mensagem de texto.
- 

## 6.3.20.9

## Gerenciar Mensagens de Texto Recebidas

Use a Caixa de Entrada para gerenciar suas mensagens de texto. A Caixa de Entrada é capaz de armazenar no máximo 30 mensagens.

As mensagens de texto da Caixa de Entrada são classificadas de acordo com as recebidas mais recentemente.

O seu rádio tem suporte para as seguintes opções para mensagens de texto:

- Responder
- Avançar
- Excluir
- Apagar Tudo

**OBSERVAÇÃO:**

Se o tipo de canal não corresponder, será possível somente encaminhar, excluir ou excluir todas as mensagens Recebidas.

Mantenha  pressionado a qualquer momento para voltar à Tela Inicial.

## 6.3.20.9.1

## Exibir uma Mensagem de Texto na Caixa de Entrada

- 1 Pressione  para acessar o menu.
- 2 Pressione  ou  para Mensagens e pressione  para selecionar.
- 3 Pressione  ou  para Caixa e pressione  para selecionar.
- 4 Pressione  ou  para exibir as mensagens.
- 5 Execute uma das seguintes opções:
  - Pressione  para selecionar a mensagem atual e pressione  novamente para responder, , encaminhar ou excluir a mensagem.

- Mantenha  pressionado para retornar à tela inicial.

## 6.3.20.9.2

## Responder a uma Mensagem de Texto da Caixa de entrada

- 1 Acessar o recurso **Mensagem de Texto**.

| Controles do Rádio                        | Etapas                                                                                                                                                                 |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Botão Mensagem de Texto Programado</b> | Pressione o botão <b>Mens. texto</b> programado.                                                                                                                       |
| <b>Menu</b>                               | <ol style="list-style-type: none"> <li>a Pressione  para acessar o menu.</li> </ol> |

| Controle<br>s do<br>Rádio | Etapas                                                                                                                                                     |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                           | <b>b</b> Pressione ▲ ou ▼ para<br>Mensagens e pressione  para selecionar. |

2 Pressione ▲ ou ▼ para Caixa e pressione  para selecionar.

3 Pressione ▲ ou ▼ para a mensagem necessária e pressione  para selecionar.

4 Pressione  mais uma vez para acessar o submenu.

5 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Responder e pressione  para selecionar.

- Pressione ▲ ou ▼ para Resp. Rápida e pressione  para selecionar.  
É exibido um cursor piscando.

6 Utilize o teclado para escrever/editar sua mensagem.

7 Pressione  quando terminar de escrever.

O monitor exibe Enviando Mensagem para confirmar que sua mensagem está sendo enviada.

Quando a mensagem é enviada com sucesso, um tom é emitido e o monitor exibe Mensagem Enviada.

Quando a mensagem não é enviada, um tom baixo é emitido e o monitor exibe Envio da Msg. Falhou.

Se a mensagem não for enviada, o rádio retornará para a tela de opções Reenviar (consulte [Gerenciar Mensagens de Texto com Falha de Envio na página 342](#)).



## 6.3.20.9.3

## Excluir uma Mensagem de Texto da Caixa de Entrada

- 1 Acessar o recurso **Mensagem de Texto**.

| Controles do Rádio                        | Etapas                                                                                                                                                                                                                                                                                          |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Botão Mensagem de Texto Programado</b> | Pressione o botão <b>Mens. texto</b> programado.                                                                                                                                                                                                                                                |
| <b>Menu</b>                               | <p><b>a</b> Pressione  para acessar o menu.</p> <p><b>b</b> Pressione ▲ ou ▼ para Mensagens e pressione  para selecionar.</p> |

2

Pressione ▲ ou ▼ para Caixa e pressione  para selecionar.

3

Pressione ▲ ou ▼ para a mensagem necessária e pressione  para selecionar.

4

Pressione  mais uma vez para acessar o submenu.

5

Pressione ▲ ou ▼ para Excluir e pressione  para selecionar.

6

Pressione ▲ ou ▼ para Sim e pressione  para seleccione.

O monitor exibe **Mensagem Excluída** e a tela retornará para a Caixa de Entrada.

## 6.3.20.9.4

## Excluir Todas as Mensagens de Texto da Caixa de Entrada

- 1 Acessar o recurso **Mensagem de Texto**.

| Controles do Rádio                        | Etapas                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Botão Mensagem de Texto Programado</b> | Pressione o botão <b>Mens. texto</b> programado.                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Menu</b>                               | <p><b>a</b> Pressione  para acessar o menu.</p> <p><b>b</b> Pressione  ou  para Mensagens e pressione  para selecionar.</p> |

2

Pressione  ou  para Caixa e pressione  para selecionar.

Quando Caixa for selecionada e ela não contiver mensagens de texto, o monitor exibirá *Lista Vazia* e emitirá um tom baixo se os Tons do Teclado estiverem ativados (consulte [Ativar ou Desativar os Tons do Teclado](#)).

3

Pressione  ou  para Excluir Tudo e pressione  para selecionar.

4

Pressione  ou  para Sim e pressione  para selecone.

O monitor exibe *Cx. Entrada Vazia*.

## 6.3.21

## Privacidade

Se habilitado, esse recurso ajuda a impedir a intromissão de usuários não autorizados em um canal através do uso de uma solução de codificação baseada em software. As

partes de sinalização e de identificação do usuário de uma transmissão não se misturam.

Seu rádio deve ter privacidade habilitada na posição do seletor de canais no momento para enviar uma transmissão com privacidade habilitada, apesar de não ser um requisito para receber uma transmissão. Na posição de seletor de canal com privacidade habilitada, o rádio ainda será capaz de receber transmissões claras (sem codificação).

O rádio é compatível com Privacidade Avançada.

Para decodificar uma transmissão de chamada com privacidade habilitada, o rádio deve ser programado para ter o mesmo Valor de Chave e ID de Chave (para Privacidade Avançada) que o rádio que estiver transmitindo.

Se o rádio receber uma chamada codificada de um Valor de Chave e ID de Chave diferente, você não ouvirá nada (Privacidade Avançada).

Se o rádio tiver um tipo de privacidade atribuído, a tela Inicial exibirá o ícone Secure (Protegido) ou Unsecure (Desprotegido), exceto quando o rádio estiver enviando ou recebendo uma chamada ou um alarme de emergência.

O LED acende em verde sólido enquanto o rádio transmite e pisca em verde rapidamente enquanto o rádio recebe uma transmissão habilitada para privacidade.

Você pode acessar esse recurso através de uma das seguintes ações:

- Pressione o botão programado **Privacidade** para ativar ou desativar a privacidade.
- Usando o Menu do Rádio, conforme descrito nas etapas a seguir.



### OBSERVAÇÃO:

Alguns modelos de rádio podem não oferecer esse recurso de Privacidade. Obtenha mais informações com seu revendedor ou administrador do sistema.

1

Pressione  para acessar o menu.

---

2

Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Conf. do Rádio ou ▲ ou ▼ para Connect Plus e pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Privacidade Avançada.

Se o monitor exibir Ativar, pressione  para ativar a Privacidade. O monitor do rádio exibirá uma mensagem confirmando a seleção.

Se o monitor exibir Desativar, pressione  para desativar a Privacidade. O monitor do rádio exibirá uma mensagem confirmando a seleção.

Se o rádio tiver um tipo de privacidade atribuído, o ícone de protegido ou desprotegido aparecerá na barra de status, exceto quando o rádio estiver enviando ou recebendo uma chamada ou um Alarme de Emergência.

## Fazer uma Chamada (Codificada) com Privacidade Ativada

Alternar para privacidade ativada usando o botão privacidade programada ou usando o menu. O rádio deve ter o recurso Privacidade ativada para a posição do canal selecionado no momento para enviar uma transmissão com privacidade ativada. Quando a privacidade estiver habilitada para a posição do canal selecionado no momento, todas as transmissões voz feitas pelo rádio serão codificadas. Isso inclui Chamada em Grupo, Chamada Multigrupo, resposta durante chamadas com varredura, All Call do Site, Chamada de Emergência, e Chamada Particular. Somente rádios receptores com o mesmo Valor de Chave e o mesmo ID de Chave que o rádio poderão decodificar a transmissão.

### 6.3.22

## Security

Você pode habilitar ou desabilitar qualquer rádio no sistema. Por exemplo, talvez você queira desativar um

rádio roubado, para impedir que o ladrão o utilize, e ativá-lo quando ele for recuperado.



#### OBSERVAÇÃO:

A Desabilitação e a Habilitação do Rádio estão limitadas a rádios com essas funções habilitadas. Obtenha mais informações com seu revendedor ou administrador do sistema.

#### 6.3.22.1

### Desabilitar Rádio

- 1 Acesse esse recurso realizando uma das seguintes ações:

| Controle<br>s do<br>Rádio               | Etapas                                                                                                                                                                                                                               |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Botão<br/>Desabilit<br/>ar Rádio</b> | <p>a Pressione o botão <b>Desativar Rádio</b> programado.</p> <p>b Pressione ▲ ou ▼ para o alias ou ID solicitado e pressione  para selecionar.</p> |

#### Controle s do Rádio

#### Etapas

##### Menu do rádio

- Pressione  para acessar o menu.
- Pressione ▲ ou ▼ para Contatos e pressione  para selecionar. As entradas estão em ordem alfabética.
- Use uma das etapas descritas a seguir para selecionar o nome ou ID de rádio necessário:
  - Selecione o nome ou ID solicitado diretamente.
  - Pressione ▲ ou ▼ para o alias ou ID solicitado e pressione  para selecionar.

| Controle<br>s do<br>Rádio | Etapas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                           | <ul style="list-style-type: none"> <li>• Use o menu Discagem Manual.</li> <li>• Pressione ▲ ou ▼ para Discagem Manual e pressione  para selecionar.</li> <li>• Pressione ▲ ou ▼ para Número do Rádio e pressione  para selecionar.</li> <li>• A primeira linha do monitor exibirá Número do Rádio:. A segunda linha do monitor exibe um cursor piscando. Use o teclado para digitar o alias</li> </ul> |

| Controle<br>s do<br>Rádio | Etapas                                                                                                                                                                                                                                                                                   |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                           | <p>ou ID do rádio e pressione .</p> <p>d Pressione ▲ ou ▼ para Desabilitar Rádio e pressione  para selecionar.</p> |

O monitor exibirá Desabilitar Rádio: <Alias ou ID de Destino> e o LED pisca em verde.

## 2 Aguarde a confirmação.

Se a operação for bem-sucedida, será emitido um tom indicador positivo e o monitor exibirá Radio Disable Bem-sucedida.

Se ela falhar, será emitido um tom indicador negativo e o monitor exibirá Radio Disable Falha.

## 6.3.22.2

## Habilitar Rádio

- 1 Acesse esse recurso realizando uma das seguintes ações:

| Controles do Rádio           | Etapas                                                                                                                                                                                                                                                                                                                                |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Botão Habilitar Rádio</b> | <p><b>a</b> Pressione o botão programado <b>Habilitar Rádio</b>.</p> <p><b>b</b> Pressione ▲ ou ▼ para o alias ou ID solicitado e pressione  para selecionar.</p>                                                                                    |
| <b>Menu do rádio</b>         | <p><b>a</b> Pressione  para acessar o menu.</p> <p><b>b</b> Pressione ▲ ou ▼ para Contatos e pressione  para selecionar. As entradas estão em ordem alfabética.</p> |

## Controles do Rádio

## Etapas

- c** Use uma das etapas descritas a seguir para selecionar o nome ou ID de rádio necessário
- Selecione o nome ou ID solicitado diretamente.
    - Pressione ▲ ou ▼ para o alias ou ID solicitado e pressione  para selecionar.
  - Use o menu Discagem Manual.
    - Pressione ▲ ou ▼ para Discagem Manual e pressione  para selecionar.

| Controles do Rádio | Etapas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                    | <ul style="list-style-type: none"> <li>Pressione ▲ ou ▼ para Número do Rádio e pressione  para selecionar.</li> <li>A primeira linha do monitor exibirá Número do Rádio:. A segunda linha do monitor exibe um cursor piscando. Use o teclado para digitar o alias ou ID do rádio e pressione .</li> </ul> <p>d Pressione ▲ ou ▼ para Habilitar Rádio e pressione  para selecionar.</p> |

O monitor exibirá Habilitar Rádio: <Alias ou ID do Rádio> e o LED ficará verde sólido.

## 2 Aguarde a confirmação.

Se a operação for bem-sucedida, será emitido um tom indicador positivo e o monitor exibirá Radio Enable Bem-sucedida.

Se ela falhar, será emitido um tom indicador negativo e o monitor exibirá Radio Enable Falhou.

### 6.3.23

## Funções de Bloqueio de Senha

Se habilitado, este recurso só permite que você acesse o rádio se a senha correta for digitada ao inicializar.

### 6.3.23.1

## Acessar o Rádio com Senha

### 1 Ligue o rádio.

O rádio emite um tom contínuo.

### 2 Execute um dos procedimentos a seguir:



- Insira sua senha atual de quatro dígitos usando o teclado do rádio. O monitor exibe ●●●●. Pressione



para continuar.

- Insira sua senha atual de quatro dígitos. Pressione ▲ ou ▼ para editar o valor numérico de cada dígito. Cada dígito é alterado

para ●. Pressione ► para ir para o próximo

dígito. Pressione  para confirmar a seleção.

Você ouvirá um tom indicador positivo para cada

dígito inserido. Pressione ◀ para remover cada ● no visor. O rádio emitirá um tom indicador negativo se

you pressionar ◀ quando a linha estiver vazia ou se você pressionar mais de quatro dígitos.

Se a senha estiver correta, o rádio será inicializado. Consulte [Ligar o rádio na página 55](#).

Se a senha estiver incorreta, o visor exibirá Senha Incorreta. Repita [etapa 2](#).

Após a terceira senha incorreta, o visor exibirá Senha Incorreta e, em seguida, Rádio

Bloqueado. Um tom soará e o LED piscará duas vezes em amarelo.



#### **OBSERVAÇÃO:**

O rádio não consegue receber nenhuma chamada, incluindo as de emergência, no estado bloqueado.

### 6.3.23.2

## Ativar ou Desativar Bloqueio de Senha

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

3

Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.

4 Pressione ▲ ou ▼ para Bloq. Senha e pressione  para selecionar.

5 Insira uma senha de quatro dígitos.  
Consulte [etapa 2](#) em [Acessar o Rádio com Senha na página 359](#).

6 Pressione  para continuar.  
Se a senha estiver incorreta, o monitor exibirá **Senha Incorreta** e automaticamente retornará ao menu anterior.

7 Se a senha inserida na etapa anterior estiver correta, pressione  para ativar/desativar o bloqueio da senha.  
O monitor exibe ✓ ao lado de Habilitada.  
O ✓ desaparece do lado de Habilitada.

## Desbloquear o Rádio do Estado Bloqueado

1 Se o seu rádio estiver desligado depois de estar no estado bloqueado, ligue-o.

Um tom soar e o LED piscará duas vezes em amarelo. O monitor exibe **Rádio Bloqueado**.

2 Aguarde 15 minutos.

Seu rádio reinicia o temporizador de 15 para o estado bloqueado quando você liga.

3 Repita [etapa 1](#) e [etapa 2](#) em [Acessar o Rádio com Senha na página 359](#).

### 6.3.23.4

## Alterar a Senha

1 Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Bloq. Senha e pressione  para selecionar.

---

5 Insira uma senha de quatro dígitos.  
Consulte [etapa 2](#) em [Acessar o Rádio com Senha na página 359](#).

---

6 Pressione  para continuar.  
Se a senha estiver incorreta, o monitor exibirá Senha Incorreta e automaticamente retornará ao menu anterior.

---

7 Se a senha digitada na etapa anterior estiver correta, ▲ ou ▼ para Alterar PWD e pressione  para selecionar.

---

8 Digite uma nova senha de quatro dígitos.  
Consulte [etapa 2](#) em [Acessar o Rádio com Senha na página 359](#).

---

9 Insira novamente a senha de quatro dígitos inserida anteriormente. Consulte [etapa 2](#) em [Acessar o Rádio com Senha na página 359](#).

---

10 Pressione  para continuar.  
Se a senha reinserida corresponder à nova senha inserida anteriormente, o monitor exibirá Senha alterada.

Se a senha reinserida **NÃO** corresponder à nova senha inserida anteriormente, o monitor exibirá Senhas Não Coincidem.

A tela volta automaticamente para o menu anterior.

---

## 6.3.24

## Operação Bluetooth



### OBSERVAÇÃO:

Se desabilitado por meio do CPS, todos os recursos relacionados ao Bluetooth são desabilitados e o banco de dados do dispositivo Bluetooth é apagado.

Esse recurso permite que você use o rádio com um dispositivo habilitado para Bluetooth (acessório) por meio de uma conexão sem fio Bluetooth. Seu rádio oferece suporte a dispositivos habilitados para Bluetooth Motorola Solutions e COTS (Commercially available Off-The-Shelf, comercialmente disponível e pronto para uso).

O Bluetooth opera em uma faixa de 10 metros (32 pés) de distância. Esse é um caminho desobstruído entre o rádio e o dispositivo habilitado para Bluetooth.

Não é recomendável que você distancie-se de seu rádio e espere que o dispositivo habilitado para Bluetooth funcione com um alto grau de confiabilidade quando eles estiverem separados.

Nas áreas de recepção onde o sinal é fraco, a qualidade de voz e de som será afetada, ficando "distorcida" ou com interrupções. Para corrigir esse problema, basta aproximar o rádio e o dispositivo habilitado para Bluetooth (no

alcance definido de 10 metros/32 pés) para restabelecer uma recepção de áudio clara. A função Bluetooth do rádio tem uma potência máxima de 2,5 mW (4 dBm) dentro do alcance de 10 metros/32 pés.

Seu rádio pode suportar até 4 conexões Bluetooth simultâneas com dispositivos habilitados para Bluetooth de tipos exclusivos. Por exemplo, um headset e um Dispositivo Somente PTT (POD).

Consulte o manual do usuário do respectivo dispositivo habilitado para Bluetooth para obter mais detalhes sobre todos os recursos disponíveis.

## 6.3.24.1

### Ativar e Desativar o Bluetooth

1

Pressione  para acessar o menu.

2

Pressione  ou  para Bluetooth e pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Meu Status e pressione  para selecionar.

O monitor exibe Ativado e Desativado. O status atual é indicado por ✓.

- 4 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Ativado e pressione  para selecionar. O monitor exibe Ativado e ✓ é exibido à esquerda do status selecionado.
- Pressione ▲ ou ▼ para Desativado e pressione  para selecionar. O monitor exibe Desativado e ✓ é exibido à esquerda do status selecionado.

#### 6.3.24.2

## Localizar e Conectar a um Dispositivo Bluetooth

Não desative o dispositivo habilitado para Bluetooth ou

pressione  durante a operação de localização e conexão, pois isso cancelará a operação.

- 1 Ligue o dispositivo habilitado para Bluetooth e coloque-o no modo de emparelhamento. Consulte o manual do usuário do respectivo dispositivo habilitado para Bluetooth.

- 2 No rádio, pressione  para acessar o menu.

- 3 Pressione ▲ ou ▼ para Bluetooth e pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Dispositivos e pressione  para selecionar.

- 5 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para o dispositivo necessário e pressione  para selecionar.
- Pressione ▲ ou ▼ para Localiz. Dispos. para localizar os dispositivos disponíveis. Pressione ▲ ou ▼ para o dispositivo necessário e pressione  para selecionar.

- 
- 6 Pressione ▲ ou ▼ para Conectar e pressione  para selecionar.

O visor exibe Conectando a <Dispositivo>. O dispositivo habilitado para Bluetooth pode exigir etapas adicionais para concluir o emparelhamento. Consulte o manual do usuário do respectivo dispositivo habilitado para Bluetooth.

---

Se bem-sucedido, o visor do rádio exibirá <Dispositivo>Conectado. Um positivo soa e ✓ aparece ao lado do dispositivo conectado. O ícone Bluetooth Conectado será exibido na barra de status.

Se malsucedido, o rádio emitirá um tom indicador negativo de Falha de Conexão

### 6.3.24.3

## Localizar e Conectar em um Dispositivo Bluetooth (Modo de Exibição)

Não desative o dispositivo habilitado para Bluetooth ou o rádio durante a operação de localização e conexão, pois isso cancela a operação.

- 1 Ativar Bluetooth.

Consulte [Ativar e Desativar o Bluetooth na página 363](#).

- 2 Pressione  para acessar o menu.

- 3 Pressione ▲ ou ▼ para Bluetooth e pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Encontre-me e

pressione  para selecionar.

O rádio pode agora ser detectado por outros dispositivos habilitados para Bluetooth pelo tempo programado. Isso é chamado de Modo de Exibição.

- 5 Ative o dispositivo habilitado para Bluetooth e emparelhe-o com o rádio.

Consulte o manual do usuário do respectivo dispositivo habilitado para Bluetooth.

#### 6.3.24.4

### Desconectar de um Dispositivo Bluetooth

- 1 No seu rádio, pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Bluetooth e pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Dispositivos e

pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para o dispositivo necessário e pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para Desconectar e

pressione  para selecionar.

O visor exibe Desconectando de <Dispositivo>. O dispositivo habilitado para Bluetooth pode solicitar etapas adicionais para desconectar. Consulte o manual do usuário do respectivo dispositivo habilitado para Bluetooth.

O visor do rádio exibe <Dispositivo> Desconectado. Um tom indicador positivo é emitido e ✓ desaparece do lado do dispositivo conectado. O ícone Bluetooth Conectado desaparece da barra de status.

## 6.3.24.5

## Alternar a Rota de Áudio entre o Alto-Falante Interno do Rádio e o Dispositivo Bluetooth

Você pode alternar a rota de áudio entre o alto-falante interno do rádio e o acessório habilitado para Bluetooth.

Pressione o botão **Trocar Áudio BT** programado.

- Será emitido um tom sonoro e o monitor exibirá Rotear áudio para rádio.
- Será emitido um tom sonoro e o monitor exibirá Rotear áudio para Bluetooth.

## 6.3.24.6

## Visualizar de Detalhes de Dispositivos

- 1 Pressione  para acessar o menu.
- 2 Pressione ▲ ou ▼ para Bluetooth e pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Dispositivos e pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para o dispositivo necessário e pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para Exibir Detalhes e pressione  para selecionar.

## 6.3.24.7

## Editar Nome do Dispositivo

Você pode editar o nome dos dispositivos Bluetooth disponíveis.

- 1 Pressione  para acessar o menu.
- 2 Pressione ▲ ou ▼ para Bluetooth e pressione  para selecionar.



- 3 Pressione ▲ ou ▼ para Dispositivos e pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para o dispositivo necessário e pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para Editar Nome e pressione  para selecionar.

---

- 6 Pressione ◀ para mover um espaço para a esquerda. Pressione ▶ para mover um espaço para a direita. Pressione  para excluir caracteres indesejados. Mantenha  pressionado para alterar o método de entrada de texto.  
É exibido um cursor piscando. Use o teclado para digitar a zona necessária.

---

- 7 O monitor exibe <Nome Disp> Salvo.

---

## Excluir Nome do Dispositivo

Você pode remover um dispositivo desconectado da lista de dispositivos habilitados para Bluetooth.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Bluetooth e pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Dispositivos e pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para o dispositivo necessário e pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para Excluir e pressione  para selecionar.  
O monitor exibe Dispositivo Excluído.

---

## 6.3.24.9

## Ganho do Microfone Bluetooth

Permite o controle do valor de ganho do microfone do dispositivo conectado compatível com Bluetooth.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Bluetooth e pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para BT Mic Gain e pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para o tipo de BT Mic Gain e os valores atuais.

Para editar os valores, pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para aumentar ou diminuir os valores e pressione  para selecionar.

## 6.3.24.10

## Modo Detectável via Bluetooth Permanente

**OBSERVAÇÃO:**

O Modo de Descoberta de Bluetooth Permanente só pode ser ativado usando o MOTOTRBO CPS. Se ativado, o item Bluetooth **não** será exibido no Menu **enão** será possível usar nenhum dos recursos de botões programáveis Bluetooth.

Outros dispositivos compatíveis com Bluetooth podem localizar o rádio, mas os dispositivos não podem se conectar ao rádio. Isso permite que os dispositivos dedicados usem a posição do rádio no processo de localização baseada em Bluetooth.

Ative o dispositivo habilitado para Bluetooth e emparelhe-o com o rádio. Consulte o respectivo manual do usuário do dispositivo compatível com Bluetooth.

## 6.3.25

## Localização Interna

**OBSERVAÇÃO:**

A função de Localização Interna é aplicável apenas a modelos com a última versão de software e hardware. Obtenha mais informações com seu revendedor ou administrador do sistema.

A Localização interna é usada para monitorar a localização dos usuários de rádio. Quando a Posição Interna é ativada, o rádio fica em um modo de descoberta limitado. Beacons dedicados são usados para localizar o rádio e determinar sua posição.

## 6.3.25.1

## Ativar ou Desativar a Localização Interna

Você pode ativar ou desativar a Localização Interna com as seguintes ações.

- Acesse este recurso por meio do menu.

a. Pressione  para acessar o menu.

b. Pressione  ou  para Bluetooth e

pressione  para selecionar.

c. Pressione  ou  para Localização

Interna e pressione  para selecionar.

d. Pressione  para ativar a Localização Interna.

O monitor exibe Local. Inter. Ligado. Você ouve um tom indicador positivo.

Um dos seguintes cenários irá acontecer.

- Se bem-sucedida, o ícone de Localização Interna Disponível é exibido na tela Inicial.
- Se for malsucedida, o monitor exibirá Ativação Sem Êxito. Você ouvirá um tom indicador negativo.

e. Pressione  para desativar a Localização Interna.

O monitor exibirá Local. Inter. Desligado. Você ouve um tom indicador positivo.

Um dos seguintes cenários irá acontecer.

- Se bem-sucedida, o ícone de Localização Interna Disponível desaparece da exibição da tela inicial.
  - Se for malsucedida, o monitor exibirá Desativação Sem Êxito. Você ouvirá um tom indicador negativo.
- Acesse esse recurso usando o botão programado.

- Mantenha pressionado o botão programado **Local. Inter.** para ativar a Localização Interna.

O monitor exibe Local. Inter. Ligado. Você ouve um tom indicador positivo.

Um dos seguintes cenários irá acontecer.

- Se bem-sucedida, o ícone de Localização Interna Disponível é exibido na tela Inicial.
- Se for malsucedida, o monitor exibirá Ativação Sem Êxito. Se malsucedida, um tom indicador negativo é emitido.

- Pressione o botão programado **Local. Inter.** para desativar a Localização Interna.

O monitor exibirá Local. Inter. Desligado. Você ouve um tom indicador positivo.

Um dos seguintes cenários irá acontecer.

- Se bem-sucedida, o ícone de Localização Interna Disponível desaparece da exibição da tela inicial.
- Se for malsucedida, o monitor exibirá Desativação Sem Êxito. Se malsucedida, um tom indicador negativo é emitido.

#### 6.3.25.2

### Acessar Informações de Beacons de Localização Interna

Siga o procedimento para acessar informações de sinais de Localização Interna.

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Bluetooth e pressione  para selecionar.

3 Pressione ▲ ou ▼ para Localização Interna e pressione  para selecionar.

4 Pressione ▲ ou ▼ para Beacons e pressione  para selecionar.

O visor exibe as informações dos beacons.

### 6.3.26

## Lista de Notificações

Seu rádio tem uma Lista de Notificações que coleta todos os seus eventos "não lidos" no canal, como mensagens de texto não lidas, chamadas perdidas e alertas de chamada.

O ícone de Notificação aparece na barra de status quando a Lista de Notificações tiver um ou mais eventos.

A lista oferece suporte a, no máximo, 40 (quarenta) eventos não lidos. Quando ela estiver cheia, o evento seguinte substitui automaticamente o evento mais antigo.



#### **OBSERVAÇÃO:**

Depois de lidos, os eventos são removidos da Lista de Notificações.

### 6.3.26.1

## Acessar a Lista de Notificações

Siga o procedimento para acessar a lista de notificações.

1 Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Notificação e pressione  para selecionar.

3 Pressione ▲ ou ▼ para o evento necessário e pressione  para selecionar.

Mantenha  pressionado para retornar à tela inicial.

### 6.3.27

## Operação Wi-Fi

Esse recurso permite configurar e se conectar a uma rede Wi-Fi. O Wi-Fi suporta atualizações de firmware do rádio,

codeplug e recursos, como pacotes de idiomas e anúncio de voz.



#### **OBSERVAÇÃO:**

Esse recurso se aplica somente ao DGP 5550e/DGP 8550e.

Wi-Fi® é uma marca registrada da Wi-Fi Alliance®.

Seu rádio é compatível com redes Wi-Fi WEP/WPA/WPA2 Pessoal e WPA/WPA2 Comercial.

#### **Rede Wi-Fi WEP/WPA/WPA2 Pessoal**

Usa autenticação com base em chave pré-compartilhada (pessoal).

A chave pré-compartilhada pode ser inserida usando-se o menu ou o CPS/RM.

#### **Rede Wi-Fi WPA/WPA2 Comercial**

Usa autenticação com base em certificado.

Seu rádio deve ser pré-configurado com um certificado.



#### **OBSERVAÇÃO:**

Consulte seu revendedor ou administrador do sistema para se informar sobre a conexão via rede Wi-Fi WPA/WPA2 Comercial.

O botão programado **Wi-Fi Ligado ou Desligado** é atribuído pelo revendedor ou administrador do sistema.

Verifique com seu fornecedor ou administrador do sistema como seu rádio foi programado.

Anúncios de Voz para o botão programado **Wi-Fi Ligado ou Desligado** podem ser personalizados pelo CPS de acordo com os requisitos do usuário. Obtenha mais informações com seu revendedor ou administrador do sistema.



#### **OBSERVAÇÃO:**

Você pode ativar ou desativar o Wi-Fi remotamente usando um rádio de supervisão (consulte [Ligar ou Desligar o Wi-Fi Remotamente Usando um Rádio Designado \(Controle Individual\)](#) na página 229 e [Ligar ou Desligar o Wi-Fi Remotamente Usando um Rádio Designado \(Controle de Grupo\)](#) na página 230 ). Obtenha mais informações com seu revendedor ou administrador do sistema.

#### **6.3.27.1**

### **Ligar ou Desligar o Wi-Fi**

- 1 Pressione o botão programado **Wi-Fi ligado ou desligado**. A Notificação de Voz funciona ao Ativar ou Desativar o Wi-Fi.
- 2 Acesse esse recurso usando o menu.

- a Pressione  para acessar o menu.
- b Pressione ▲ ou ▼ para Wi-Fi e pressione  para selecionar.
- c Pressione ▲ ou ▼ para Wi-Fi Ligado e pressione  para selecionar.
- d Pressione  para ativar/desativar o Wi-Fi.  
Se ativado, o visor mostra ✓ ao lado de Habilitado.  
Se desativado, o ✓ desaparece do lado de Habilitado.

## 6.3.27.2

## Ligar ou Desligar o Wi-Fi Remotamente Usando um Rádio Designado (Controle Individual)

Você pode ligar ou desligar o Wi-Fi remotamente no Controle individual (um para um).



### OBSERVAÇÃO:

Somente rádios com configuração específica de CPS aceitam essa função. Verifique com seu revendedor ou o administrador do sistema para obter mais informações.

- 1 Execute uma das seguintes opções:
  - Mantenha o botão programável pressionado. Use o teclado para inserir a ID e pressione  para selecionar. Vá para [etapa 4](#).
  - Pressione  para acessar o menu.
- 2 Pressione ▲ ou ▼ para Contatos e pressione  para selecionar.
- 3 Siga um dos procedimentos descritos a seguir para selecionar o nome ou ID de rádio necessário:
  - Selecione o nome do rádio diretamente.
    - Pressione ▲ ou ▼ para o alias ou ID do rádio necessário.
  - Use o menu Discagem Manual.

- Pressione ▲ ou ▼ para Discagem Manual e pressione  para selecionar.
- Selecione Número do Rádio e use o teclado para inserir a ID. Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Controle de Wi-Fi e pressione  para selecionar.

---

5 Pressione ▲ ou ▼ para selecionar Ligado ou Desligado.

---

6 Pressione  para selecionar.

---

Se bem-sucedido, o visor mostra uma mininota positiva.

Se malsucedido, o visor mostra uma mininota negativa.

### 6.3.27.3

## Ligar ou Desligar o Wi-Fi Remotamente Usando um Rádio Designado (Controle de Grupo)

Você pode ligar ou desligar o Wi-Fi remotamente no Controle de grupo (um para muitos).



### OBSERVAÇÃO:

Somente rádios com configuração específica de CPS aceitam essa função. Verifique com seu revendedor ou o administrador do sistema para obter mais informações.

- 1 Pressione  para acessar o menu.
  - 2 Pressione ▲ ou ▼ para Contatos e pressione  para selecionar.
  - 3 Pressione ▲ ou ▼ para selecionar o alias ou ID do rádio.
  - 4 Pressione ▲ ou ▼ para Controle de Wi-Fi e pressione  para selecionar.
-



- 5 Pressione ▲ ou ▼ para selecionar **Ligado** ou **Desligado**.
- 

- 6 Pressione  para selecionar.
- 

Se bem-sucedido, o visor mostra **Enviado com Sucesso**.

Se malsucedido, o visor mostra uma mininota negativa.

#### 6.3.27.4

### Conectar-se a um ponto de acesso de rede

Quando você ativar o Wi-Fi, o rádio lê e conecta-se a um ponto de acesso de rede.



#### **OBSERVAÇÃO:**

Você também pode se conectar a um ponto de acesso de rede através do menu.

Os pontos de acesso à rede Wi-Fi WPA Comercial são pré-configurados. Verifique com seu fornecedor ou administrador do sistema como seu rádio foi programado.

- 1 Pressione  para acessar o menu.
- 

- 2 Pressione ▲ ou ▼ para **Wi-Fi** e pressione  para selecionar.
- 

- 3 Pressione ▲ ou ▼ para **Redes** e pressione  para selecionar.
- 

- 4 Pressione ▲ ou ▼ para um ponto de acesso de redes e pressione  para selecionar.



#### **OBSERVAÇÃO:**

Para Wi-Fi WPA Comercial, se um ponto de acesso à rede não estiver pré-configurado, a opção **Conectar** não estará disponível.

---

- 5 Pressione ▲ ou ▼ para **Conectar** e pressione  para selecionar.
-

- 6 Para Wi-Fi WPA Pessoal, insira a senha e pressione



- 7 Para Wi-Fi WPA Comercial, a senha é configurada com o uso de RM.

Se a senha pré-configurada estiver correta, seu rádio se conectará automaticamente ao ponto de acesso à rede selecionado.

Se a senha pré-configurada estiver incorreta, o visor exibirá *Falha na Autenticação* e voltará automaticamente para o menu anterior.

Quando a conexão for realizada com sucesso, o rádio exibirá um aviso, e o ponto de acesso à rede será salvo na lista de perfis.

Se a conexão não for realizada com sucesso, o visor do rádio exibirá temporariamente a tela de aviso de falha e voltará automaticamente para o menu anterior.

### 6.3.27.5

## Verificar Status da Conexão Wi-Fi

Pressione o botão programado **Consulta do Status do Wi-Fi** para saber o status de conexão usando o Anúncio de Voz. A Notificação de Voz funciona com o Wi-Fi Desativado, com o Wi-Fi Ativado, mas sem conexão ou com o Wi-Fi Ativado com conexão.

- O visor mostra *Wi-Fi Desligado* quando o Wi-Fi está desligado.
- O visor mostra *Wi-Fi Ligado, Conectado* quando o rádio está conectado a uma rede.
- O visor mostra *Wi-Fi Ligado, Desconectado* quando o Wi-Fi está ativado, mas o rádio não está conectado a nenhuma rede.

Anúncios de Voz para os resultados da consulta de status do Wi-Fi podem ser personalizados pelo CPS de acordo com os requisitos do usuário. Obtenha

mais informações com seu revendedor ou administrador do sistema.



**OBSERVAÇÃO:**

O botão programado **Consulta do Status do Wi-Fi** é atribuído pelo revendedor ou administrador do sistema. Verifique com seu fornecedor ou administrador do sistema como seu rádio foi programado.

6.3.27.6

## Atualizar a Lista de Redes

- Realize as seguintes ações para atualizar a lista de redes pelo menu.

a. Pressione  para acessar o menu.

b. Pressione  ou  para Wi-Fi e pressione



para selecionar.

c. Pressione  ou  para Redes e pressione



para selecionar.

Quando você acessa o menu Redes, o rádio automaticamente atualiza a lista de redes.

- Se você já estiver no menu Redes, realize a ação a seguir para atualizar a lista de redes.

Pressione  ou  para Atualizar e pressione



para selecionar.

O rádio é atualizado e mostra a lista de redes mais recente.

6.3.27.7

## Adicionar uma Rede



**OBSERVAÇÃO:**

Esta tarefa não se aplica a redes de Wi-Fi WPA Comercial.

Se nenhuma rede preferencial estiver disponível na lista, realize as seguintes ações para adicionar uma rede.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Wi-Fi e pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Redes e pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Adicionar Rede e pressione  para selecionar.

---

- 5 Digite o SSID (Service Set Identifier, Identificador de Conjunto de Serviço) e pressione .

---

- 6 Pressione ▲ ou ▼ para Abrir e pressione  para selecionar.

---

- 7 Digite a senha e pressione .

O rádio exibe uma mininota positiva para indicar que a rede foi salva.

### 6.3.27.8

## Visualizar Detalhes de Pontos de Acesso de Rede

Você pode exibir os detalhes dos pontos de acesso à rede.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Wi-Fi e pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Redes e pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para um ponto de acesso de redes e pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para Exibir Detalhes e pressione  para selecionar.



#### OBSERVAÇÃO:

Wi-Fi WPA Pessoal e Wi-Fi WPA Comercial apresentam diferentes detalhes de Pontos de Acesso à Rede.

#### Wifi WPA Pessoal

Para um ponto de acesso à rede conectado, seu rádio exibe o SSID (Service Set Identifier, identificador de conjunto de serviço), o Modo de Segurança, o endereço MAC (Media Access Control, controle de acesso de mídia) e o endereço IP (Internet Protocol, protocolo de Internet).

Para um ponto de acesso à rede não conectado, seu rádio exibe o SSID e o Modo de Segurança.

#### Wi-Fi WPA Comercial

Para um ponto de acesso à rede conectado, seu rádio exibe o SSID, o Modo de Segurança, a Identidade, o Método EAP (Extended Authentication Protocol,

protocolo de autenticação estendido), a Autenticação Fase 2, o Nome do Certificado, o endereço MAC, o endereço IP, o Gateway, o DNS1 e o DNS2.

Para um ponto de acesso à rede não conectado, seu rádio exibe o SSID, o Modo de Segurança, a identidade, o Método EAP, a Autenticação fase 2 e o Nome do Certificado.

#### 6.3.27.9

### Remover Pontos de Acesso de Rede



#### OBSERVAÇÃO:

Esta tarefa não se aplica a redes de Wi-Fi Comercial.

Realize as ações a seguir para remover da lista de perfil pontos de acesso à rede.

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Wi-Fi e pressione  para selecionar.

3 Pressione ▲ ou ▼ para **Redes** e pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para o ponto de acesso selecionado da rede e pressione  para selecionar.

---

5 Pressione ▲ ou ▼ para **Remover** e pressione  para selecionar.

---

6 Pressione ▲ ou ▼ para **Sim** e pressione  para selecionar.

O rádio mostra uma mininota positiva para indicar que o ponto selecionado de acesso à rede foi removido com sucesso.

---

## 6.4

# Serviços Públicos

---

Este capítulo explica as operações dos utilitários disponíveis no rádio.

## 6.4.1

## Ativar e Desativar os Tons/Alertas do Rádio

Você pode habilitar e desabilitar todos os tons e alertas de rádio (exceto para o tom de alerta de Emergência recebido), se necessário.

Pressione o botão programado **Todos os Tons/Alertas** para ativar ou desativar todos os tons, ou siga o procedimento descrito a seguir para acessar este recurso por meio do menu do rádio.

1 Pressione  para acessar o menu.

---

2 Pressione ▲ ou ▼ para **Utilitários** e pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.

4 Pressione ▲ ou ▼ para Tons/Alertas e pressione  para selecionar.

5 Pressione ▲ ou ▼ para Todos os Tons e pressione  para selecionar.

6 Pressione  para ativar/desativar todos os tons e alertas.  
O monitor exibe ✓ ao lado de Habilitada.  
O ✓ desaparece do lado de Habilitada.

## 6.4.2

## Ativar ou Desativar os Tons do Teclado

É possível ativar e desativar os tons do teclado, se necessário.

1 Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

3 Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.

4 Pressione ▲ ou ▼ para Tons/Alertas e pressione  para selecionar.

5 Pressione ▲ ou ▼ para Tons do Teclado e pressione  para selecionar.

Você também pode usar ◀ ou ▶ para alterar a opção selecionada.

- 6 Pressione  para ativar/desativar os tons do teclado.

O monitor exibe ✓ ao lado de Habilitada.

O ✓ desaparece do lado de Habilitada.

### 6.4.3

## Configurar o Nível de Diferença de Volume do Tom de Alerta

Você pode ajustar o nível de Diferença de Volume do Tom de Alerta, se necessário. Esse recurso ajusta o volume dos tons/alertas, permitindo que ele seja mais alto ou mais baixo do que o volume de voz.

- 1 Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Tons/Alertas e pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para Dif. Volume e pressione  para selecionar.

- 6 Pressione ▲ ou ▼ para o valor de volume necessário.

O rádio emite um tom de feedback com cada valor de volume correspondente.

- 7 Execute uma das seguintes opções:



- Pressione  para manter o valor de volume necessário exibido.
- Pressione  para sair sem alterar as configurações de diferença de volume atuais.

#### 6.4.4

### Ativar/Desativar Tom Permitir Falar

É possível ativar e desativar o Tom Permitir Falar, se necessário.

- 1 Pressione  para acessar o menu.
- 2 Pressione  ou  para Utilitários e pressione  para selecionar.
- 3 Pressione  ou  para Conf. do Rádio e pressione  para selecionar.

- 4 Pressione  ou  para Tons/Alertas e pressione  para selecionar.

- 5 Pressione  ou  para Permitir Falar e pressione  para selecionar.

Você também pode usar  ou  para alterar a opção selecionada.

- 6 Pressione  para ativar/desativar o Tom de Permissão de Conversa.  
O monitor exibe  ao lado de Habilitada.  
O  desaparece do lado de Habilitada.

## 6.4.5

## Ligar ou Desligar o Tom de Alerta

Você pode habilitar e desabilitar o Tom Ligar se necessário.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Tons/Alertas e pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para Ligar e pressione  para selecionar.

Você também pode usar ◀ ou ▶ para alterar a opção selecionada.

6

Pressione  para ativar/desativar o Tom de Alerta de Ativação.

O monitor exibe ✓ ao lado de Habilitada.

O ✓ desaparece do lado de Habilitada.

## 6.4.6

## Configurar o Nível de Potência

Você pode personalizar a configuração de potência do rádio para alta ou baixa em cada zona do Connect Plus.

Alto permite a comunicação com sites em torre no modo Connect Plus localizados a uma distância considerável de você. Baixo permite a comunicação com sites em torre no modo Connect Plus nas proximidades.

Pressione o botão **Nível de Potência** programado para alternar o nível de potência de transmissão entre alto e baixo.

Siga o procedimento descrito a seguir para acessar este recurso por meio do menu do rádio.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Potência e pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para a configuração necessária e pressione  para selecionar.

✓ aparece ao lado da configuração selecionada.

Mantenha  pressionado a qualquer momento para voltar à tela Início.

A tela retorna ao menu anterior.

#### 6.4.7

### Alterar o Modo do Monitor

Você pode alterar o modo do visor do rádio entre Dia ou Noite, conforme necessário. Isso afeta a paleta de cores do monitor.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Monitor e pressione  para selecionar.

O monitor mostra Modo dia e Modo noite.



#### OBSERVAÇÃO:

Pressione ◀ ou ▶ para alterar a opção selecionada.

- 5 Pressione ▲ ou ▼ para a configuração obrigatória e pressione  para ativar. ✓ aparece ao lado da configuração selecionada.

#### 6.4.8

### Ajustar o Brilho do Monitor

Você pode ajustar o brilho do visor do rádio conforme necessário.



#### OBSERVAÇÃO:

O brilho do visor não pode ser ajustado quando Brilho Automático está habilitado.

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

3

Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.

4

Pressione ▲ ou ▼ para Monitor e pressione  para selecionar.

5

Pressione ▲ ou ▼ para Brilho e pressione  para selecionar.

O monitor exibe uma barra de progresso.

- 6 Reduza o brilho do monitor pressionando ◀ ou aumente-o pressionando ▶. Selecione uma configuração de 1 a 8. Pressione  para confirmar a entrada.

#### 6.4.9

## Definir o Tempo da Luz de Fundo do Monitor

Você pode definir o tempo da luz de fundo do visor do rádio conforme necessário. A configuração também afeta os botões de Navegação no Menu e a luz de fundo do teclado de forma adequada.

Pressione o botão programado **Luz de fundo** para alternar as configurações de luz de fundo ou siga o procedimento descrito a seguir para acessar esse recurso por meio do menu do rádio.

A luz de fundo do visor e a luz de fundo do teclado serão automaticamente desligadas se o indicador de LED for

desabilitado (consulte [Ativar/Desativar o Indicador LED na página 391](#)).

- 1 Pressione  para acessar o menu.

---

  - 2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

---

  - 3 Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.

---

  - 4 Pressione ▲ ou ▼ para Monitor e pressione  para selecionar.

---

  - 5 Pressione ▲ ou ▼ para Temp. Luz Fundo e pressione  para selecionar.
- Você pode usar ◀ ou ▶ para alterar a opção selecionada.

## 6.4.10

## Ativar ou Desativar a Tela de Abertura

É possível habilitar e desabilitar a Tela de Abertura se necessário.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione  ou  para Utilitários e pressione  para selecionar.

---

- 3 Pressione  ou  para Conf. do Rádio e pressione  para selecionar.

---

- 4 Pressione  ou  para Monitor e pressione  para selecionar.

---

- 5 Pressione  ou  para Tela de Abertura e pressione  para selecionar.

Você também pode usar  ou  para alterar a opção selecionada.

6

Pressione  para ativar/desativar a Tela de Abertura.

O monitor exibe  ao lado de Habilitada.

O  desaparece do lado de Habilitada.

## 6.4.11

## Bloquear e Desbloquear o Teclado

Você pode bloquear o teclado do rádio para evitar que uma tecla seja pressionada acidentalmente.

Para bloquear/desbloquear o teclado do rádio.

| Opção                   | Etapas                                                                                                               |
|-------------------------|----------------------------------------------------------------------------------------------------------------------|
| Como bloquear o teclado | a Pressione  para acessar o menu. |

| Opção | Etapas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       | <p><b>b</b> Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.</p> <p><b>c</b> Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.</p> <p><b>d</b> Pressione ▲ ou ▼ para Bloqueio do Teclado e pressione  para selecionar.</p> <p>Você também pode usar ou para alterar a opção selecionada.</p> |

| Opção                             | Etapas                                                                                                                                                                                          |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Como desbloquear o teclado</b> | Pressione  seguido por  . |

Depois de bloquear o teclado, o monitor exibe Teclado Bloqueado e retorna para a Tela Início.

Depois de desbloquear o teclado, o monitor exibe Teclado Desbloqueado e retorna para a Tela Início.

#### 6.4.12

### Idioma

Você pode definir o idioma para o monitor de seu rádio.

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

3 Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Idiomas e pressione  para selecionar.

Você também pode usar ◀ ou ▶ para alterar a opção selecionada.

---

5 Pressione ▲ ou ▼ para o idioma necessário e pressione  para ativar. ✓ aparece ao lado do idioma selecionado.

---

#### 6.4.13

### Ativar/Desativar o Indicador LED

É possível habilitar e desabilitar o Indicador de LED, se necessário.

1 Pressione  para acessar o menu.

---

2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Indicador LED e pressione  para selecionar.

Você também pode usar ◀ ou ▶ para alterar a opção selecionada.

---

5 Pressione  para ativar/desativar o Indicador LED.

O monitor exibe ✓ ao lado de Habilitada.

O ✓ desaparece do lado de Habilitada.

---



## 6.4.14

## Identificar o Tipo de Cabo

É possível selecionar o tipo de cabo usado por seu rádio.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Tipo de Cabo e pressione  para selecionar.

Você também pode usar ◀ ou ▶ para alterar a opção selecionada.

- 5 O tipo de cabo atual é indicado por um ✔.

## 6.4.15

## Notificação de Voz

Esse recurso permite que o rádio indique sonoramente a Zona ou o Canal atual que o usuário acabou de atribuir ou o pressionamento de botão programável. Esse indicador sonoro pode ser personalizado de acordo com os requisitos do cliente. Isto costuma ser útil em situações nas quais é difícil ler o conteúdo exibido no visor.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Anúncio de Voz e pressione  para selecionar.

Você também pode usar ◀ ou ▶ para alterar a opção selecionada.

#### 5 Execute uma das seguintes opções:

- Pressione  para ativar o Anúncio de Voz. O monitor exibe ✓ ao lado de Habilitada.
- Pressione  para desativar o Anúncio de Voz. O ✓ desaparece do lado de Habilitada.

#### 6.4.16

### Configurar o Recurso Texto em Fala



#### OBSERVAÇÃO:

O recurso Texto para Fala só pode ser ativado usando o MOTOTRBO CPS. Se ativado, o recurso de Anúncio por Voz é desativado automaticamente e vice-versa. Obtenha mais informações com seu revendedor ou administrador do sistema.

Esse recurso permite que o rádio indique de forma audível os seguintes recursos:

- Canal Atual

- Zona Atual
- Recurso de botão programado ativado ou desativado
- Conteúdo das mensagens de texto recebidas

- Pressione o botão programado **Anúncio de Voz** para ativar ou desativar a função.
- Esse indicador sonoro pode ser personalizado de acordo com os requisitos do cliente. Isto costuma ser útil em situações nas quais é difícil ler o conteúdo exibido no visor.

- Pressione  para acessar o menu.
- Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.
- Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.
- Pressione ▲ ou ▼ para Anúncio de Voz e pressione  para selecionar.

e. Pressione ▲ ou ▼ para Mensagens ou Botão

Progr. e pressione  para selecionar.

Você também pode usar ◀ ou ▶ para alterar a opção selecionada.

✓ aparece ao lado da configuração selecionada.

#### 6.4.17

### Menu Temporizador

Defina o período em que o rádio ficará no menu antes de alternar automaticamente para a tela Inicial.

1 Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

3 Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.

4 Pressione ▲ ou ▼ para Monitor e pressione  para selecionar.

5 Pressione ▲ ou ▼ para Menu Temporiz. e pressione  para selecionar.

6 Pressione ▲ ou ▼ para a configuração necessária e pressione  para selecionar.

#### 6.4.18

### AGC de Microfone Digital (Mic AGC-D)

Esse recurso controla o ganho de microfone do rádio automaticamente durante a transmissão em um sistema digital. Ele suprime o áudio alto ou amplia o áudio baixo para um valor predefinido para oferecer um nível consistente de áudio.

1 Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

3 Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.

Você também pode usar ◀ ou ▶ para alterar a opção selecionada.

4 Pressione ▲ ou ▼ para Mic AGC-D e pressione  para selecionar.

5 Executar uma das seguintes opções:

- Pressione  para ativar **Mic AGC-D**. O visor exibe ✓ ao lado de Habilitado.
- Pressione  para desativar **Mic AGC-D**. O ✓ desaparece do lado de Habilitado.

## Áudio Inteligente

Seu rádio pode ajustar automaticamente o volume de áudio para superar o ruído de fundo no ambiente, inclusive de todas as fontes de ruído estacionárias ou não estacionárias. Essa função é somente para Recepção e não afeta o áudio de Transmissão.



### OBSERVAÇÃO:

Essa função não é aplicável durante uma sessão de Bluetooth.

1

Pressione  para acessar o menu.

### Controle do Rádio

#### Etapas

#### Menu

- Pressione  para acessar o menu.
- Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.

| Controle do Rádio | Etapas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | <p><b>c</b> Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.</p> <p><b>d</b> Pressione ▲ ou ▼ para Áudio Inteligente e pressione  para selecionar.</p> <p> <b>OBSERVAÇÃO:</b> Você também pode usar ◀ ou ▶ para alterar a opção selecionada.</p> <p><b>e</b> Execute uma das seguintes opções:</p> <ul style="list-style-type: none"> <li>Pressione  para ativar o Áudio Inteligente. O monitor</li> </ul> |

| Controle do Rádio | Etapas                                                                                                                                                                                                                                                          |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | <p>exibe ✓ ao lado de Habilitada.</p> <ul style="list-style-type: none"> <li>Pressione  para desativar o Áudio Inteligente. O ✓ desaparece do lado de Habilitada.</li> </ul> |
| 2                 | Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.                                                                                                              |
| 3                 | Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.                                                                                                           |
| 4                 | Pressione ▲ ou ▼ para Áudio Inteligente e pressione  para selecionar.                                                                                                        |
| 5                 | Execute uma das seguintes opções:                                                                                                                                                                                                                               |

- Pressione  para ativar o Áudio Inteligente. O monitor exibe  ao lado de Habilitada.
- Pressione  para desativar o Áudio Inteligente. O  desaparece do lado de Habilitada.

Consulte [Lista de Acessórios Autorizados](#) para obter os acessórios de áudio compatíveis com Bluetooth com Controle de Volume Automático embutido para obter o desempenho semelhante.

#### 6.4.20

## Ativar ou Desativar o Recurso Supressor de Feedback Acústico

Este recurso permite que o usuário minimize o feedback acústico em chamadas recebidas.

- 1 Pressione  para acessar o menu.

- 2 Pressione  ou  para Utilitários e pressione  para selecionar.

- 3 Pressione  ou  para Conf. do Rádio e pressione  para selecionar.

- 4 Pressione  ou  para Supressor AF e pressione  para selecionar.

Você também pode usar  ou  para alterar a opção selecionada.

- 5 Siga um dos procedimentos a seguir.

- Pressione  para ativar o Supressor de Feedback Acústico. O monitor exibe  ao lado de Habilitada.
- Pressione  para desativar o Supressor de Feedback Acústico. O  desaparece do lado de Habilitada.

## 6.4.21

## Ativar ou Desativar o Recurso Controle de Distorção Dinâmica do Microfone

Com este recurso, o usuário pode ativar o rádio para monitorar automaticamente a entrada do microfone e ajustar o valor de ganho do microfone para evitar perdas de áudio.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione  ou  para Utilitários e pressione  para selecionar.

---

- 3 Pressione  ou  para Conf. do Rádio e pressione  para selecionar.

Você também pode usar  ou  para alterar a opção selecionada.

- 4 Pressione  ou  para Distorção Mic e pressione  para selecionar.
- 

- 5 Execute uma das seguintes opções:

- Pressione  para habilitar o Controle de Distorção Dinâmica do Microfone. O monitor exibe  ao lado de Habilitada.
  - Pressione  para desabilitar o Controle de Distorção Dinâmica do Microfone. O  desaparece do lado de Habilitada.
- 

## 6.4.22

## Ativar ou Desativar GNSS

O GNSS (Global Navigation Satellite System, sistema global de navegação por satélite) é um sistema de navegação via satélite que determina a localização precisa do rádio. O GNSS inclui Sistema de Posicionamento Global (GPS), Sistema Global de Navegação por Satélite

(GLONASS) e Sistema de Satélite de Navegação BeiDou (BDS).



### OBSERVAÇÃO:

Determinados modelos de rádio podem oferecer GPS, GLONASS e BDS. A constelação GNSS é configurada via CPS. Verifique com seu fornecedor ou administrador do sistema como seu rádio foi programado.

#### 1 Executar uma das seguintes opções:

- Pressione o botão programado **GNSS** para ativar ou desativar o recurso. Pule as etapas a seguir.
- Pressione  para acessar o menu.

#### 2 Pressione ▲ ou ▼ para Utilitários. Pressione para selecionar.

#### 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione para selecionar.

4

Pressione ▲ ou ▼ para GNSS. Pressione  para selecionar.

5

Pressione  para ativar/desativar o GNSS.

Se ativado, ✓ será exibido ao lado de Ativado.

Se desativado, o ✓ desaparece do lado de Ativado.

Consulte [Verificar Informações do GNSS na página 419](#) para obter mais informações sobre recuperação do GNSS.

### 6.4.23

## Configuração de Entrada de Texto

Você pode definir as seguintes configurações para a entrada do texto no seu rádio:

- Palavra Predict
- Palavra Correta
- Maiúscula
- Minhas Palavras



O seu rádio é compatível com os seguintes métodos de entrada de texto:

- Números
- Símbolos
- Previsível ou Multitoque
- Idioma (se programado)



### OBSERVAÇÃO:

Pressione  a qualquer momento para retornar à tela anterior ou mantenha pressionado  para retornar à tela Início. O rádio sai da tela atual assim que o temporizador de inatividade expira.

#### 6.4.23.1

### Palavra Predict

O rádio pode aprender sequências de palavras comuns que você usa frequentemente. Em seguida, ele prevê a palavra seguinte que você pode querer usar depois de

inserir a primeira palavra de uma sequência de palavras comuns no editor de texto.

1

Pressione  para acessar o menu.

---

2

Pressione  ou  para Utilitários e pressione  para selecionar.

---

3

Pressione  ou  para Conf. do Rádio e pressione  para selecionar.

---

4

Pressione  ou  para Texto e pressione  para selecionar.

---

5

Pressione  ou  para Palavra Predict e pressione  para selecionar.

Você também pode usar  ou  para alterar a opção selecionada.

---

6 Execute uma das seguintes opções:

- Pressione  para habilitar a palavra Predict. O monitor exibe ✓ ao lado de Habilitada.
- Pressione  para desativar a Palavra Predict. O ✓ desaparece do lado de Habilitada.

## 6.4.23.2

**Maiúscula**

Essa função é usada para ativar automaticamente a capitalização da primeira letra de cada primeira palavra em cada nova frase.

- 1 Pressione  para acessar o menu.
- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.
- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para entrada de Texto.

Pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para Maiúscula. Pressione

 para selecionar.

- 6 Execute uma das seguintes opções:

- Pressione  para ativar Maiúscula. Se ativado, ✓ será exibido ao lado de Ativado.
- Pressione  para desativar Maiúscula. Se desativado, o ✓ desaparece do lado de Ativado.

## 6.4.23.3

**Visualizar Palavras Personalizadas**

Você pode adicionar suas palavras personalizadas ao dicionário integrado do rádio. O rádio mantém uma lista dessas palavras.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para entrada de Texto. Pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para Minhas Palavras. Pressione  para selecionar.

---

- 6 Pressione ▲ ou ▼ para Lista de Palavras. Pressione  para selecionar.  
O visor exibe a lista de palavras personalizadas.

#### 6.4.23.4

### Editar Palavra Personalizada

Você poderá editar as palavras personalizadas salvas no rádio.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Texto e pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para Palavras e pressione  para selecionar.

- 6 Pressione ▲ ou ▼ para Lista de Palavras e pressione  para selecionar.

O monitor exibe a lista de palavras personalizadas.

- 7 Pressione ▲ ou ▼ para a palavra necessária e pressione  para selecionar.

- 8 Pressione ▲ ou ▼ para Editar e pressione  para selecionar.

- 9 Use o teclado para editar as palavras personalizadas.

Pressione ◀ para mover um espaço para a esquerda. Pressione ▶ ou a tecla  para mover um espaço para a direita. Pressione a tecla  para excluir caracteres indesejados. Mantenha  pressionado para alterar o método de entrada

de texto. Pressione  uma vez depois que sua palavra personalizada estiver completa.

O monitor exibe uma mininota passageira, confirmando que sua palavra está sendo salva.

Se a palavra personalizada for salva, um tom será emitido, e o monitor exibirá uma mininota positiva.

Se a palavra personalizada não for salva, um tom baixo será emitido, e o monitor exibirá uma mininota negativa.

#### 6.4.23.5

### Adicionar Palavra Personalizada

Você pode adicionar suas próprias palavras ao dicionário integrado do rádio.

- 1 Pressione  para acessar o menu.
- 2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

3 Pressione ▲ ou ▼ para Conf. do Rádio e

pressione  para selecionar.

4

Pressione ▲ ou ▼ para Texto e pressione  para selecionar.

5 Pressione ▲ ou ▼ para Palavras e pressione

 para selecionar.

6 Pressione ▲ ou ▼ para Nova Palavra e

pressione  para selecionar.

O monitor exibe a lista de palavras personalizadas.

7 Use o teclado para editar as palavras personalizadas.

Pressione ◀ para mover um espaço para a esquerda. Pressione ▶ ou a tecla  para mover um espaço para a direita. Pressione a tecla  para excluir caracteres indesejados. Mantenha

 pressionado para alterar o método de entrada

de texto. Pressione  uma vez depois que sua palavra personalizada estiver completa.

O monitor exibe uma mininota passageira, confirmando que sua palavra está sendo salva.

Se a palavra personalizada for salva, um tom será emitido, e o monitor exibirá uma mininota positiva.

Se a palavra personalizada não for salva, um tom baixo será emitido, e o monitor exibirá uma mininota negativa.

#### 6.4.23.6

### Excluir uma Palavra Personalizada

Você poderá excluir as palavras personalizadas salvas no rádio.

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

3 Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.

4 Pressione ▲ ou ▼ para Texto e pressione  para selecionar.

5 Pressione ▲ ou ▼ para Palavras e pressione  para selecionar.

6 Pressione ▲ ou ▼ para a palavra necessária e pressione  para selecionar.

7 Pressione ▲ ou ▼ para Excluir e pressione  para selecionar.

8 Escolha uma das seguintes opções:

- Em Excluir Entrada?, pressione  para selecionar Sim. O monitor exibe Entrada Excluída.

- Pressione ▲ ou ▼ para Não e pressione  para retornar à tela anterior.

#### 6.4.23.7

### Excluir Todas as Palavras Personalizadas

Você pode excluir todas as palavras personalizadas do rádio.

1 Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

3 Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.

4 Pressione ▲ ou ▼ para Texto e pressione  para selecionar.

5 Pressione ▲ ou ▼ para Palavras e pressione



para selecionar.

6 Pressione ▲ ou ▼ para Excluir Tudo e



pressione para selecionar.

7 Escolha uma das seguintes opções:

• Em Excluir Entrada?, pressione  para selecionar Sim. O monitor exibe Entrada Excluída.

• Pressione ▲ ou ▼ para Não e pressione  para retornar à tela anterior.

- Grau de Inclinação (Acelerômetro)
- Índice do Número do Modelo do Rádio
- CRC de Codeplug OTA da Placa Opcional
- Número de Site
- Info do site
- Nome e ID do Rádio
- Versões de Firmware e Codeplug
- Informações sobre GNSS

Pressione  a qualquer momento para retornar à tela

anterior ou mantenha pressionado  para retornar à tela Início. O rádio sai da tela atual assim que o temporizador de inatividade expira.

#### 6.4.24

## Acessar Informações Gerais do Rádio

O seu rádio contém informações do tipo:

- Bateria

#### 6.4.24.1

## Acessar as Informações da Bateria

Exibe informações sobre a bateria de seu rádio.

1

Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

3 Pressione ▲ ou ▼ para Info do Rádio e pressione  para selecionar.

4 Pressione ▲ ou ▼ para Info da Bateria e pressione  para selecionar.

O monitor exibe as informações da bateria.

**SOMENTE** para baterias **IMPRES**: Se o monitor exibir *Recondicionar Bateria* se a bateria exigir recondicionamento em um carregador IMPRES. Após o processo de recondicionamento, o monitor exibirá as informações da bateria.

#### 6.4.24.2

## Verificar o Grau de Inclinação (Acelerômetro)



### OBSERVAÇÃO:

A medição no monitor exibe o grau de inclinação no

momento em que você pressiona  para aceitar a opção *Acelerômetro*. Se você alterar o ângulo

do rádio depois de pressionar , a medição exibida no monitor do rádio não será alterada. O visor continuará exibindo a medição feita quando

 foi pressionado.

Se o rádio portátil estiver habilitado para Alarmes Man Down, há uma opção do menu que verifica como o rádio faz a medição do grau de inclinação. Esse é um recurso útil quando o fornecedor ou Administrador de sistema do rádio utiliza o MOTOTRBO Connect Plus Option Board CPS para configurar o ângulo de ativação que acionará o alarme de inclinação.

1

Pressione  para acessar o menu.



2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

3 Pressione ▲ ou ▼ para Info do Rádio e pressione  para selecionar.

4 Incline o rádio no ângulo que dispara o Alarme de Inclinação.

5 Pressione ▲ ou ▼ para Acelerômetro e pressione  para selecionar.

O monitor exibe o ângulo de inclinação do rádio (desvio relativamente perpendicular à posição vertical) em graus (por exemplo: 62 Graus.) Com base nisso, use o MOTOTRBO Connect Plus Option Board CPS para configurar o ângulo para 60 graus (que é o mais próximo do valor programável). Os temporizadores do Alarme de Inclinação são acionados quando o Ângulo de Ativação estiver maior ou igual a 60 graus.

#### 6.4.24.3

### Verificar Índice do Número do Modelo do Rádio

O número desse índice identifica o hardware de modelo específico do rádio. Seu administrador de sistema do rádio pode solicitar esse número ao preparar um novo codeplug da Placa Opcional para seu rádio.

1 Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

3 Pressione ▲ ou ▼ para Info do Rádio e pressione  para selecionar.

4 Pressione ▲ ou ▼ para Índice Modelo e pressione  para selecionar.

O monitor exibe o Índice do Número do Modelo.

## 6.4.24.4

## Verificar o CRC do Arquivo de Codeplug OTA da Placa Opcional

Siga as instruções abaixo caso o administrador de sistema de rádio solicite a visualização de CRC (Verificação de redundância cíclica) do Arquivo de Codeplug OTA da Placa Opcional. Essa opção de menu só aparece se a Placa Opcional tiver recebido a última atualização de codeplug OTA.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Info do Rádio e pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para CRC CP OTA OB e

pressione  para selecionar.

O monitor exibe letras e números. Informe essas letras e números ao seu administrador de sistema de rádio, exatamente como foram exibidos.

## 6.4.24.5

## Exibir ID do Site (Número do Site)



### OBSERVAÇÃO:

Se você não estiver registrado em um site no momento, o monitor exibirá Não Registrado.

O rádio exibe rapidamente o ID do Site ao se registrar com um site do Connect Plus. Ao prosseguir com o registro, o rádio geralmente não indica o número do Site. Para exibir o número registrado do Site, faça o seguinte:

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Info do Rádio e pressione  para selecionar.

4 Pressione ▲ ou ▼ para Número de Site e pressione  para selecionar.  
O monitor exibe o ID da Rede e o Número do Site.

#### 6.4.24.6

### Verificar Informações do Site



#### OBSERVAÇÃO:

Se você não estiver registrado em um site no momento, o monitor exibirá Não Registrado.

O recurso Informações do Site fornece informações que podem ser úteis para um técnico qualificado. Ele possui as seguintes informações:

- Número do Repetidor do repetidor de Canal de Controle atual.
- RSSI: Último valor de sinal medido a partir do repetidor de Canal de Controle.

- Lista de Vizinhos enviada pelo Canal de Controle do repetidor (cinco números separados por vírgulas).

Se você for solicitado a usar essa função, relate a informação exibida exatamente como ela aparece na tela.

1 Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

3 Pressione ▲ ou ▼ para Info do Rádio e pressione  para selecionar.

4 Pressione ▲ ou ▼ para Info Site e pressione  para selecionar.  
O monitor exibe as Info do site.

## 6.4.24.7

## Verificar o ID do Rádio

Esse recurso exibe o ID do seu rádio.

Siga o procedimento descrito a seguir para acessar este recurso por meio da tela do rádio.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Info do Rádio e pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Meu ID e pressione  para selecionar.  
O monitor exibe o ID do rádio.

## 6.4.24.8

## Verificar a Versão de Firmware e Codeplug

Exibe a versão de firmware em seu rádio.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Info do Rádio e pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Versões e pressione  para selecionar.

O monitor exibe uma lista com as seguintes informações:

- (Rádio) Versão do Firmware
- (Rádio) Versão do Codeplug
- Versão do Firmware da Placa Opcional

- Versão da Frequência da Placa Opcional
- Versão do Hardware da Placa Opcional
- Versão do Codeplug da Placa Opcional

### 6.4.24.9

## Verificar Atualizações

O Connect Plus oferece a possibilidade de atualizar alguns arquivos (Arquivo de codeplug da Placa Opcional, Arquivo de frequência da rede e Arquivo de firmware da Placa Opcional) Over-The-Air (OTA).



#### **OBSERVAÇÃO:**

Verifique com o revendedor ou administrador da rede se este recurso foi ativado em seu rádio ou não.

Todos os monitores de rádio Connect Plus são habilitados para exibir o CRC do Codeplug OTA da Placa Opcional, a versão do Arquivo de Frequência ou a versão do arquivo de firmware da Placa Opcional usando uma opção do menu. Além disso, os visores de rádios que tiverem sido habilitados para transferência de arquivos over-the-air podem exibir a versão de um "arquivo pendente". Um "arquivo pendente" é um Arquivo de Frequência ou arquivo de firmware da Placa Opcional que o rádio Connect Plus

reconhece através de mensagens do sistema, mas não coletou todos os pacotes de arquivo. Se o visor do rádio Connect Plus exibir um arquivo pendente, o menu oferece as seguintes opções:

- Consultar o número da versão do arquivo pendente.
- Consultar porcentagem de pacotes coletados até o momento.
- Solicitar que o rádio Connect Plus continue coletando os pacotes do arquivo.

Se o rádio estiver habilitado para transferência de arquivo OTA do Connect Plus, o rádio pode entrar em transferência de arquivo sem notificar o usuário. Enquanto o rádio coleta os pacotes de arquivo, o LED pisca rapidamente na cor vermelha e o rádio exibe o ícone Dados de Alto Volume na barra de status da Tela Inicial.



#### **OBSERVAÇÃO:**

O rádio Connect Plus não pode coletar pacotes de arquivos e receber chamadas ao mesmo tempo. Se desejar cancelar uma transferência de arquivo, pressione e solte o botão **PTT**. Isso faz com que o rádio solicite uma chamada para o Nome do contato selecionado e cancele a transferência de arquivo para aquele rádio até que o processo seja retomado posteriormente.

Há diversos fatores que podem fazer com que a transferência de arquivo se inicie novamente. O primeiro exemplo se aplica a todos os tipos de arquivos OTA. Os outros exemplos se aplicam apenas aos Arquivos de frequência de rede e Arquivos firmware da Placa Opcional:

- O administrador de sistema do rádio reinicia a transferência de arquivo OTA.
- O temporizador predefinido da Placa Opcional expira, fazendo com que a Placa Opcional retome automaticamente o processo de coleta de pacotes.
- O contador ainda não expirou, mas o usuário do rádio solicita que a transferência do arquivo seja retomada através da opção do menu.

Depois que o rádio Connect Plus finalizar o download de todos os pacotes de arquivo ele deve ser atualizado para o arquivo recém-obtido. Para o Arquivo de Frequência de Rede, este processo é automático e não requer redefinição do rádio. Para o Arquivo de Codeplug da Placa Opcional, este processo é automático e faz com que ocorra uma curta interrupção de serviço conforme a Placa Opcional carrega a nova informação de codeplug e obtém novamente o site de rede. O tempo que o rádio leva para atualizar para um novo Arquivo de firmware da Placa Opcional depende de como o rádio foi configurado pelo fornecedor ou administrador do sistema. O rádio irá se

atualizar imediatamente após coletar todos os pacotes de arquivo ou aguardará até que o usuário inicie o rádio.



#### **OBSERVAÇÃO:**

Verifique com seu fornecedor ou administrador do sistema como seu rádio foi programado.

O processo de atualização para um novo Arquivo de firmware da Placa Opcional pode levar alguns segundos e requer que a Placa Opcional do Connect Plus reconfigure o rádio. Assim que a atualização for iniciada, o rádio não poderá fazer ou receber chamadas até que o processo for concluído. Durante o processo, o visor do rádio solicita que usuário não desligue o rádio.

#### **6.4.24.9.1**

### **Arquivo de Firmware**

A seção a seguir fornece informações sobre o firmware do rádio.

## 6.4.24.9.1.1

## Firmware Atualizado



### OBSERVAÇÃO:

Se o arquivo de firmware da Placa Opcional não estiver Atualizado (e se o rádio tiver coletado parcialmente uma versão de arquivo de firmware da Placa Opcional mais recente), o rádio exibirá uma lista com opções adicionais; Versão, %Recebido e Download.

- 1 Pressione  para acessar o menu.
- 2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.
- 3 Pressione ▲ ou ▼ para Info do Rádio e pressione  para selecionar.
- 4 Pressione ▲ ou ▼ para Atualizações e pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para Firmware e pressione



para selecionar.

O monitor exibe Firmware está Atualizado.

## 6.4.24.9.2

## Versão - Firmware Pendente

- 1 Pressione  para acessar o menu.
- 2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.
- 3 Pressione ▲ ou ▼ para Info do Rádio e pressione  para selecionar.
- 4 Pressione ▲ ou ▼ para Atualizações e pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para Firmware e pressione  para selecionar.
- 

- 6 Pressione ▲ ou ▼ para Versão e pressione  para selecionar.

Se houver um arquivo de firmware da Placa Opcional pendente, o monitor exibirá o número da versão de firmware pendente.

Se não houver um arquivo de firmware da Placa opcional pendente, o monitor exibirá Firmware está Atualizado.

---

#### 6.4.24.9.3

### % Recebida - Firmware Pendente

- 1 Pressione  para acessar o menu.
- 
- 2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.
- 

- 3 Pressione ▲ ou ▼ para Info do Rádio e pressione  para selecionar.
- 

- 4 Pressione ▲ ou ▼ para Atualizações e pressione  para selecionar.
- 

- 5 Pressione ▲ ou ▼ para Firmware e pressione  para selecionar.
- 

- 6 Pressione ▲ ou ▼ para %Recebido e pressione  para selecionar.

A tela exibe a porcentagem de pacotes de Arquivo de firmware coletados até o momento.



#### **OBSERVAÇÃO:**

Ao chegar a 100%, o rádio precisa ser reinicializado para iniciar a atualização do firmware.

---



## 6.4.24.9.4

**Download - Firmware Pendente**

Se o rádio Connect Plus foi deixado anteriormente em uma Transferência de Arquivo de Firmware da Plca Opcional OTA com um arquivo incompleto, a unidade automaticamente retoma a transferência do arquivo (se ainda estiver em andamento) quando um temporizador interno expira. Se desejar que a unidade retome uma transferência em andamento de um Arquivo de Firmware da Placa Opcional antes que o temporizador interno tenha expirado, utilize a opção Download, conforme descrito abaixo.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Info do Rádio e pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Atualizações e pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para Firmware e pressione  para selecionar.

---

- 6 Pressione ▲ ou ▼ para Download e pressione  para selecionar.

O monitor exibe o seguinte:

| Download Disponível                                | Começar Download      |
|----------------------------------------------------|-----------------------|
| No Download Available (Nenhum Download Disponível) | Download Indisponível |

- 7 Execute uma das seguintes opções:

- Selecione Sim e pressione  para iniciar o download.

- Selecione Não e pressione  para retornar ao menu anterior.
- 

## 6.4.24.9.5

**Arquivo de Frequência**

A seção a seguir fornece informações sobre o arquivo de frequência do rádio.

## 6.4.24.9.5.1

**Arquivo de Frequência Atualizado****OBSERVAÇÃO:**

Se o Arquivo de Frequência não estiver Atualizado (e se o rádio tiver coletado parcialmente uma versão de arquivo de frequência mais recente), o rádio exibirá uma lista com opções adicionais; Versão, %Recebido e Download.

- 1 Pressione  para acessar o menu.
  - 2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.
- 

- 3 Pressione ▲ ou ▼ para Info do Rádio e pressione  para selecionar.
- 

- 4 Pressione ▲ ou ▼ para Frequência e pressione  para selecionar.  
O monitor exibe Freq. Arquivo está Atualizado.
- 

## 6.4.24.9.5.2

**Versão - Arquivo de Frequência Pendente**

- 1 Pressione  para acessar o menu.
  - 2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.
  - 3 Pressione ▲ ou ▼ para Info do Rádio e pressione  para selecionar.
-

4 Pressione ▲ ou ▼ para Atualizações e pressione  para selecionar.

---

5 Pressione ▲ ou ▼ para Frequência e pressione  para selecionar.

---

6 Pressione ▲ ou ▼ para Versão e pressione  para selecionar.

Se houver um Arquivo de Frequência pendente, o monitor exibirá o número de versão do Arquivo de Frequência pendente.

---

3 Pressione ▲ ou ▼ para Info do Rádio e pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Atualizações e pressione  para selecionar.

---

5 Pressione ▲ ou ▼ para %Recebido e pressione  para selecionar.

A tela exibe a porcentagem de pacotes de arquivo de frequência coletados até o momento.

---

#### 6.4.24.9.5.3

### % Recebida - Arquivo de frequência pendente

1 Pressione  para acessar o menu.

---

2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

---

#### 6.4.24.9.5.4

### Download - Arquivo de Frequência Pendente

Se o rádio Connect Plus foi deixado anteriormente em uma Transferência de Arquivo de Frequência da Placa Opcional OTA com um arquivo incompleto, a unidade automaticamente retoma a transferência do arquivo (se ainda estiver em andamento) quando um temporizador interno expira. Se desejar que a unidade retome uma transferência em andamento de um Arquivo de Frequência

da Rede antes que o temporizador interno tenha expirado, utilize a opção Download, conforme descrito abaixo.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Info do Rádio e pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Atualizações e pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para Frequência e pressione  para selecionar.

---

- 6 Pressione ▲ ou ▼ para Download e pressione  para selecionar.

|                                  |                       |
|----------------------------------|-----------------------|
| Download Indisponível no Momento | Download Indisponível |
| Download Disponível no Momento   | Começar Download      |

- 7 Execute uma das seguintes opções:
  - Selecione Sim e pressione para iniciar o download.
  - Selecione Não e pressione para retornar ao menu anterior.

#### 6.4.24.9.6

### Verificar Informações do GNSS

Exibe as informações de GNSS no rádio, como valores de:

- Latitude
- Longitude

- Altitude
- Direção
- Velocidade
- HDOP (Horizontal Dilution of Precision, diluição da precisão horizontal)
- Satélites
- Versão

1 Pressione  para acessar o menu.

---

2 Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Info do Rádio e pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Info do GNSS e pressione  para selecionar.

---

5 Pressione ▲ ou ▼ para o item necessário e

pressione  para selecionar.

O monitor exibe as informações de GNSS solicitadas.

---

Consulte [Ativar ou Desativar GNSS na página 398](#) para obter mais detalhes sobre o GNSS.

### 6.4.25

## Visualizar Detalhes do Certificado Wi-Fi Comercial

Você pode exibir os detalhes do Certificado Wi-Fi Comercial selecionado.

1 Pressione  para acessar o menu.

---

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Menu de Certificado.

Pressione  para selecionar.

✓ aparece do lado dos certificados prontos.

---

4 Pressione ▲ ou ▼ para o certificado necessário.

Pressione  para selecionar.

---

Seu rádio exibe os detalhes completos do certificado.



**OBSERVAÇÃO:**

Para os certificados que não estão prontos, o visor mostra somente o status.

## Outros Sistemas

---

Recursos que estão disponíveis para usuários de rádio neste sistema estão disponíveis neste capítulo.

### 7.1

## Botão Push-To-Talk

---

O botão **PTT** (Push-to-Talk, pressione para falar) atende a dois propósitos básicos:

- Enquanto uma chamada está em andamento, o botão **PTT** permite que o rádio transmita a outros rádios na chamada. O microfone é ativado quando o botão **PTT** é pressionado.
- Quando não há uma chamada em andamento, o botão **PTT** é usado para realizar uma nova chamada .

Mantenha pressionado o botão **PTT** para falar. Solte o botão **PTT** para ouvir.

Se o Tom de Permissão para Falar estiver habilitado, aguarde até o tom curto de alerta terminar antes de falar.

### 7.2

## Botões Programáveis

---

Dependendo da duração do pressionamento de um botão, o revendedor pode programar os botões programáveis como atalhos para funções do rádio.

### Pressionamento curto

Pressionar e soltar rapidamente.

### Pressionamento Longo

Mantenha pressionado pelo tempo programado.



### OBSERVAÇÃO:

Consulte [Operação de emergência na página 536](#) para obter mais informações sobre a duração programada do botão **Emergência**.

### 7.2.1

## Funções de Rádio Atribuíveis

As seguintes funções do rádio podem ser atribuídas a botões programáveis.

### Perfis de áudio

Permite que o usuário selecione o perfil de áudio de sua preferência.

**Alternância de Áudio**

Alterna o roteamento de áudio entre os alto-falantes internos e de acessório com fio.

**Switch de Áudio de® Bluetooth**

Alterna a rota de áudio entre o alto-falante interno do rádio e o acessório habilitado para Bluetooth.

**Conexão de Bluetooth**

Inicia uma operação de encontrar e conectar Bluetooth.

**Desconexão de Bluetooth**

Encerra todas as conexões Bluetooth existentes entre o seu rádio e dispositivos habilitados para Bluetooth.

**Deteção de Bluetooth**

Permite que o rádio entre no Modo de Descoberta de Bluetooth.

**Alerta de Chamada**

Oferece acesso direto à lista de contatos de rádio para selecionar um contato para quem um Alerta de Chamada pode ser enviado.

**Transferência de Chamadas** 

Ativa ou desativa a Transferência de Chamadas.

**Registro de Chamadas**

Seleciona a lista de registro de chamadas.

**Anúncio de Canal**

Reproduz mensagens de voz de anúncios de zona e canal para o canal atual.

**Contatos**

Fornece acesso direto à lista de contatos.

**Emergência**

Dependendo da programação, inicia ou cancela uma emergência.

**Localização Interna**

Ativa ou desativa a Localização Interna.

**Áudio Inteligente**

Ativa ou desativa o áudio inteligente.

**Discagem Manual** 

Inicia uma Chamada Privada ao inserir qualquer ID do rádio.

**Roam de Site Manual** <sup>6</sup> 

Inicia a pesquisa manual de site.

<sup>6</sup> Não aplicável no Capacity Plus.



### **AGC do Mic**

Ativa ou desativa o AGC (controle de ganho automático) do microfone interno.

### **Monitor**

Monitora a atividade de um canal selecionado.

### **Notificações**

Fornece acesso direto à Lista de Notificações.

### **Excluir Canal Indesejado<sup>6</sup>**

Remove temporariamente um canal indesejado, exceto o Canal Selecionado, da lista de varredura. O canal selecionado refere-se à zona selecionada ou à combinação de canais do usuário a partir do qual a varredura é iniciada.

### **Acesso com Um Toque**

Inicia diretamente uma Chamada Privada, Telefônica ou em Grupo predefinida, um Alerta de Chamada, uma Mensagem de Texto Rápida ou Retorno à Tela Principal.

### **Recurso de Placa Opcional**

Ativa ou desativa os recursos da placa opcional para os canais habilitados para a placa opcional.

### **Monitor Permanente<sup>6</sup>**

Monitora um canal selecionado para todo o tráfego de rádio até que a função seja desativada.

### **Telefone**

Fornece acesso direto à lista de Contatos Telefônicos.

### **Privacidade**

Ativa ou desativa a privacidade.

### **Nome e ID do Rádio**

Fornece o nome e ID do rádio.

### **Verificar Rádio**

Determina se um rádio está ativo em um sistema.

### **Habilitar Rádio**

Permite que um rádio de destino seja habilitado remotamente.

### **Desabilitar Rádio**

Permite que um rádio de destino seja desabilitado remotamente.

### **Monitor Remoto**

Liga o microfone de um rádio de destino sem dar qualquer indicador.

### **Repetidor/Modo Direto<sup>6</sup>**

Alterna entre usar um repetidor e comunicar-se diretamente com outro rádio.

### **Lembrete de Canal Inicial Silencioso**

Silencia o Lembrete do Canal Inicial.

**Varredura <sup>7</sup>**

Ativa ou desativa a varredura.

**Info do site**

Exibe o nome do site atual e o ID do Capacity Plus-Multi-Site.

Reproduz mensagens de voz do anúncio de site para o site atual quando a Notificação de Voz está ativada.

**Bloqueio do Site<sup>6</sup>**

Quando ativado, o rádio pesquisa apenas o site atual.  
Quando desativado, o rádio pesquisa outros sites além do site atual.

**Status**

Seleciona o menu da lista de status.

**Controle de Telemetria**

Controla o Pino de Saída em um rádio remoto ou local.

**Mensagem de Texto**

Seleciona o menu de mensagem de texto.

**Transmitir Interrupção Remota**

Interrompe uma chamada em andamento para liberar o canal.

**Aprimoramento da Tremulação**

Ativa ou desativa a Melhoria Sonora.

**Ligar/Desligar Anúncio de Voz**

Ativa ou desativa o anúncio de voz.

**Transmissão Operada por Voz (VOX)**

Ativa ou desativa a VOX.

**Wi-Fi**

Alterna o Wi-Fi entre ativo e desativado.

**Seleção de Zona**

Permite a seleção em uma lista de zonas.

**7.2.2****Configurações Atribuíveis ou Funções Utilitárias**

As seguintes configurações do rádio podem ser atribuídas a botões programáveis.

**Tons/Alertas**

Ativa ou desativa todos os tons e alertas.

**Luz de Fundo**

Acende ou apaga a luz de fundo do visor.

<sup>7</sup> Não aplicável no Capacity Plus – Single Site.

### Brilho da Luz de Fundo

Ajusta o nível de brilho.

### Modo de monitor

Ativa ou desativa o modo de monitor dia/noite.

### Bloqueio do teclado

Alterna o teclado entre bloqueado e desbloqueado.

### Nível de Potência

Alterna entre os níveis alto e baixo de potência de transmissão.

#### 7.2.3

## Acessar as Funções Programadas

Siga o procedimento para acessar as funções programadas no rádio.

- 1 Execute uma das seguintes opções:
    - Pressione o botão programado. Vá para [etapa 3](#).
    - Pressione  para acessar o menu.
- 

- 2 Pressione  ou  para a função de menu e

pressione  para selecionar uma função ou inserir um submenu.

---

- 3 Execute uma das seguintes opções:

- Pressione  para retornar à tela anterior.
- Mantenha  pressionado para retornar à tela inicial.

O rádio sai automaticamente do menu depois de um período de inatividade e retorna à tela Inicial.

---

#### 7.3

## Indicadores de Status

---

Este capítulo explica os indicadores de status e tons de áudio usados no rádio.

## 7.3.1

## Ícones

O LCD (Liquid Crystal Display, monitor de cristal líquido) de 132 x 90 pixels, 256 cores do rádio mostra o status do rádio, entradas de texto e entradas de menu. Os ícones a seguir são exibidos no visor do rádio.

Tabela 10 :Ícones do Visor

Os ícones a seguir aparecem na barra de status, na parte superior do visor do rádio. Os ícones são dispostos mais à esquerda em ordem de exibição ou de uso e são específicos do canal.

|  |                                                                                                                                             |
|--|---------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Bateria</b><br>O número de barras (0 – 4) mostradas indica a carga restante da bateria. O ícone pisca quando a bateria está fraca.       |
|  | <b>Bluetooth conectado</b><br>A função Bluetooth está habilitada. O ícone fica aceso quando um dispositivo Bluetooth remoto está conectado. |

|  |                                                                                                                                     |
|--|-------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Bluetooth Não Conectado</b><br>A função Bluetooth está habilitada, mas não existe nenhum dispositivo Bluetooth remoto conectado. |
|  | <b>Registro de Chamadas</b><br>Registro de chamadas do rádio.                                                                       |
|  | <b>Contato</b><br>O contato por rádio está disponível.                                                                              |
|  | <b>Emergência</b><br>O rádio está no modo de Emergência.                                                                            |
|  | <b>Lista de Recebimento Flexível</b><br>A lista de recebimento flexível está habilitada.                                            |
|  | <b>GNSS Disponível</b><br>O recurso GNSS está ativado. O ícone permanece aceso quando um ponto de posição está disponível.          |
|  | <b>GNSS Não Disponível</b><br>O recurso GNSS está ativado, mas não está recebendo dados do satélite.                                |

|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>Dados de Alto Volume</b><br/>O rádio está recebendo dados de alto volume e o canal está ocupado.</p>                                                                                              |  <p><b>Notificação</b><br/>A Lista de Notificações tem um ou mais eventos perdidos.</p>                                                     |
|  <p><b>Localização Interna Disponível</b><sup>8</sup><br/>A posição interna está ativada e disponível.</p>                                                                                               |  <p><b>Placa Opcional</b><br/>A Placa opcional está habilitada.<br/>(Placa opcional habilitada em apenas alguns modelos)</p>                |
|  <p><b>Localização Interna Indisponível</b><sup>8</sup><br/>A posição interna está ativada, mas indisponível porque o Bluetooth está desativado ou a Leitura do Beacon está suspensa pelo Bluetooth.</p> |  <p><b>A Placa Opcional Não Funciona</b><br/>A Placa Opcional está desabilitada.</p>                                                        |
|  <p><b>Mensagem</b><br/>Mensagem recebida.</p>                                                                                                                                                           |  <p><b>Temporizador de Atraso de Programação Over-the-Air</b><br/>Indica o tempo restante antes da reinicialização automática do rádio.</p> |
|  <p><b>Monitor</b><br/>O canal selecionado está sendo monitorado.</p>                                                                                                                                    |  <p><b>Nível de Potência</b><br/>O rádio está definido como Potência Baixa ou como Potência Alta.</p>                                       |
|  <p><b>Modo Silencioso</b><br/>O Modo Silencioso está ativado e o alto-falante está mudo.</p>                                                                                                            |  <p><b>Indicador de Intensidade do Sinal Recebido (RSSI)</b><br/>O número de barras exibido representa a intensidade do sinal de</p>        |

<sup>8</sup> É aplicável apenas a modelos com a última versão de software e hardware.

|                                                                                                                                                                                                                |                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>rádio. Quatro barras indicam o sinal mais intenso. Esse ícone é exibido apenas durante a recepção.</p>                    |  <p><b>Entrar</b><br/>O rádio está conectado ao servidor remoto.</p>                                                                       |
|  <p><b>Inibição de Resposta</b><br/>A Inibição de Resposta está ativada.</p>                                                  |  <p><b>Sair</b><br/>O rádio está desconectado do servidor remoto.</p>                                                                      |
|  <p><b>Apenas Tocar</b><br/>O modo de toque está habilitado.</p>                                                              |  <p><b>Toque Silencioso</b><br/>O modo de toque silencioso está habilitado.</p>                                                            |
|  <p><b>Varredura</b><sup>9</sup><br/>A função Varredura está habilitada.</p>                                                  |  <p><b>Roaming de Site</b><sup>10</sup><br/>A função Roaming site está habilitada.</p>                                                     |
|  <p><b>Varredura – Prioridade 1</b><sup>9</sup><br/>O rádio detecta atividade no canal/grupo designado como Prioridade 1.</p> |  <p><b>Modo Direto</b><sup>9</sup><br/>Na falta de um repetidor, o rádio está configurado para comunicação direta de rádio para rádio.</p> |
|  <p><b>Varredura – Prioridade 2</b><sup>9</sup><br/>O rádio detecta atividade no canal/grupo designado como Prioridade 2.</p> |  <p><b>Desativar Tons</b><br/>Os tons são desligados.</p>                                                                                  |
|  <p><b>Comunicação</b><br/>A função Privacidade está habilitada.</p>                                                          |                                                                                                                                                                                                                             |

<sup>9</sup> Não aplicável para o Capacity Plus.

<sup>10</sup> Não aplicável para o Capacity Plus – Site Único

|                                                                                   |                                                                                      |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  | <b>Desprotegido</b><br>A função Privacidade está desabilitada.                       |
|  | <b>Vibrar</b><br>O modo Vibrar está habilitado.                                      |
|  | <b>Vibrar e Tocar</b><br>O modo Vibrar e Tocar está ativado.                         |
|  | <b>Varredura da Ponderação</b><br>O recurso de varredura de seleção está habilitado. |
|  | <b>Wi-Fi Excelente<sup>11</sup></b><br>O sinal de Wi-Fi é excelente.                 |
|  | <b>Wi-Fi Bom<sup>11</sup></b><br>O sinal de Wi-Fi é bom.                             |
|  | <b>Wi-Fi Médio<sup>11</sup></b><br>O sinal do Wi-Fi é médio                          |

|                                                                                   |                                                                               |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
|  | <b>Wi-Fi Ruim<sup>11</sup></b><br>O sinal do Wi-Fi é baixo.                   |
|  | <b>Wi-Fi Indisponível<sup>11</sup></b><br>O sinal do Wi-Fi está indisponível. |

Tabela 11 :Ícones do Menu Avançar

Os seguintes ícones são mostrados ao lado dos itens de menu que oferecem uma escolha entre as duas opções ou uma indicação de que há um submenu que oferece as duas opções.

|                                                                                   |                                                                            |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------|
|  | <b>Caixa de Seleção (Marcada)</b><br>Indica que a opção foi selecionada.   |
|  | <b>Caixa de Seleção (Vazia)</b><br>Indica que a opção não foi selecionada. |

<sup>11</sup> Aplicável apenas para DGP 5550e/DGP 8550e

**Caixa Preta Sólida**

Indica a opção selecionada para o item de menu com um submenu.

**Tabela 12 :Ícones de Dispositivos Bluetooth**

Os ícones a seguir aparecem próximos aos itens na lista de dispositivos Bluetooth disponíveis para indicar o tipo de dispositivo.

**Dispositivo de Áudio Bluetooth**

Dispositivo de áudio habilitado para Bluetooth, como um fone de ouvido.

**Dispositivos de Dados Bluetooth**

Dispositivo de dados habilitado para Bluetooth, como um scanner.

**Dispositivo PTT Bluetooth**

Dispositivo PTT habilitado para Bluetooth, como um PTT-Only Device (POD - dispositivo somente PTT).

**Dispositivo com sensor Bluetooth<sup>11</sup>**

Dispositivo com sensor ativado por Bluetooth, como o sensor de gás.

**Tabela 13 :Ícones de Chamada**

Os seguintes ícones são mostrados no visor do rádio durante uma chamada. Esses ícones também são mostrados na lista de Contatos para indicar os alias ou o tipo de ID.

**Chamada de PC via Bluetooth**

Indica uma chamada de PC via Bluetooth em andamento.

Na lista Contatos, indica o nome ou ID (número) da chamada de PC via Bluetooth.

**Chamada de Despacho**

O tipo de contato Chamada de Despacho é usado para enviar uma mensagem de texto para um computador despachante por meio de um servidor de mensagens de texto de terceiros.

**Chamada em Grupo/Chamada para Todos**

Indica que uma Chamada Grupo ou uma Chamada para Todos está em andamento.



|                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Na lista Contatos, indica o nome do grupo ou ID (número).</p>                                                                                                                                                                                                                         |  <p><b>Chamada de Grupo da Placa Opcional</b><br/>Indica que uma chamada de grupo da Placa Opcional está em andamento.<br/>Na lista Contatos, indica o nome do grupo ou ID (número).</p>                                      |
|  <p><b>Chamada Individual Periférica Sem IP</b><br/>Indica que uma chamada individual Periférica Sem IP está em andamento.<br/>Na lista de Contatos, indica o alias do rádio (nome) ou ID (número).</p> |  <p><b>Chamada Telefônica como Chamada em Grupo/Chamada para todos</b><br/>Indica uma Chamada Telefônica como Chamada Grupo ou Chamada para Todos em andamento. Na lista Contatos, indica o nome do grupo ou ID (número).</p> |
|  <p><b>Chamada de Grupo Periférica Sem IP</b><br/>Indica que uma chamada de grupo Periférica Sem IP está em andamento.<br/>Na lista Contatos, indica o nome do grupo ou ID (número).</p>                |  <p><b>Chamada Telefônica como Chamada Privada</b><br/>Indica uma Chamada Telefônica como Chamada Privada em andamento. Na lista Contatos, indica o alias (nome) ou ID (número) do telefone.</p>                              |
|  <p><b>Chamada Individual da Placa Opcional</b><br/>Indica que uma chamada individual da Placa Opcional está em andamento.<br/>Na lista de Contatos, indica o alias do rádio (nome) ou ID (número).</p> |  <p><b>Chamada Privada</b><br/>Indica que uma Chamada Privada está em andamento. Na lista de</p>                                                                                                                              |

Contatos, indica o alias do rádio (nome) ou ID (número).

**Tabela 14 :Ícones de Tíquetes de Tarefa**

Os seguintes ícones aparecem momentaneamente no visor e na pasta Tíquetes de Tarefa.

|                                                                                   |                                                                                                                                                                       |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Todas as Tarefas</b><br>Indica todas as tarefas listadas.                                                                                                          |
|  | <b>Novas Tarefas</b><br>Indica novas tarefas.                                                                                                                         |
|  | <b>Em andamento</b><br>As tarefas estão sendo transmitidas. Isso é exibido antes das indicações de Falha ao Enviar Tíquetes de Tarefa ou Tíquetes de Tarefa Enviados. |
|  | <b>Falha no envio</b><br>Não foi possível enviar as tarefas.                                                                                                          |



**Enviado com Sucesso**  
As tarefas foram enviadas.



**Prioridade 1**  
Indica prioridade de nível 1 para as tarefas.



**Prioridade 2**  
Indica prioridade de nível 2 para as tarefas.



**Prioridade 3**  
Indica prioridade de nível 3 para as tarefas.

**Tabela 15 :Ícones de Miniavisos**

Os seguintes ícones são mostrados momentaneamente no visor do rádio depois que uma ação de realizar tarefa é executada.

|                                                                                   |                                                                               |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
|  | <b>Falha na Transmissão (Negativo)</b><br>Falha na ação tomada.               |
|  | <b>Transmissão Bem-sucedida (Positivo)</b><br>A ação tomada foi bem-sucedida. |



### Transmissão em Progresso (Passageiro)

Transmitindo. É exibido antes da indicação de Transmissão Bem-Sucedida ou Falha na Transmissão.



### Mensagem Individual ou de Grupo Não Lida

A mensagem de texto não foi lida.



### Falha no envio

A mensagem de texto não pôde ser enviada.



### Enviado com Sucesso

A mensagem de texto foi enviada com êxito.

**Tabela 16 :Ícones de Itens Enviados**

Os ícones a seguir aparecem no canto superior direito do visor do rádio, na pasta Itens Enviados.



### Em andamento

A mensagem de texto para um ID ou alias do rádio está aguardando transmissão, seguida por uma espera de confirmação. A mensagem de texto para um alias ou ID de grupo está aguardando transmissão.



### Mensagem Individual ou de Grupo Lida

A mensagem de texto foi lida.

#### 7.3.2

### Indicadores de LED

Os indicadores LED mostram o status da operação do rádio.

#### Vermelho Piscando

O rádio está indicando uma incompatibilidade de bateria.

Falha no autoteste durante a ativação do rádio.

O rádio está recebendo uma transmissão de emergência.

O rádio está transmitindo em condição de bateria fraca.

O rádio ficou fora do alcance operacional se o Sistema de Transponder de Cobertura Automático está configurado.

O Modo Silencioso está ativado.

### **Verde Sólido**

O rádio está ligando.

O rádio está transmitindo.

Rádio está enviando um Alerta de Chamada ou uma transmissão de emergência.

### **Verde Piscando**

O rádio está recebendo uma chamada ou dados.

O rádio está recuperando transmissões de Programação Pelo Ar.

O rádio está detectando atividade over-the-air.



### **OBSERVAÇÃO:**

Essa atividade pode ou não afetar o canal programado do rádio devido à natureza do protocolo digital.

Não há indicação de LED quando o rádio está detectando atividade over-the-air no Capacity Plus.

### **Verde Piscante Duplo**

O rádio está recebendo uma chamada ou dados com privacidade.

### **Amarelo Sólido**

O rádio está monitorando um canal convencional.

### **Amarelo Piscante**

O rádio está efetuando a varredura para detectar atividade.

O rádio ainda precisa responder a um Alerta de Chamada.

Todos os canais Capacity Plus – Vários Sites estão ocupados.

### **Amarelo Piscante Duplo**

O roaming automático do rádio está ativado.

O rádio está procurando ativamente por um novo site.

O rádio deve responder a um Alerta de Chamada em Grupo.

O rádio está bloqueado.

O rádio não está conectado ao repetidor em Capacity Plus.

Todos os canais Capacity Plus estão ocupados.

### 7.3.3

## Tons

A seguir estão os tons que são emitidos pelo alto-falante do rádio.



Tom Alto



Tom Baixo

### 7.3.3.1

## Tons Indicadores

Os tons indicadores fornecem indicações sonoras do status depois que uma ação para realizar uma tarefa é efetuada.



Tom Indicador Positivo



Tom Indicador Negativo

### 7.3.3.2

## Tons de Áudio

Os tons de áudio fornecem indicações audíveis do status do rádio ou da resposta aos dados recebidos no rádio.



### Tom Contínuo

Um som em único tom. Soa continuamente até terminar.



### Tom Periódico

Soa periodicamente, dependendo da duração configurada pelo rádio. O tom inicia, para e se repete.



### Tom Repetitivo

Um único tom que se repete até ser encerrado pelo usuário.

## Tom Momentâneo

Soa uma vez por um curto tempo definido pelo rádio.

### 7.4

## Seleções de Canais e Zona

Esse capítulo explica as operações para selecionar uma zona ou um canal no rádio. Uma zona é um grupo de canais.

Seu rádio tem suporte para até 1000 canais e 250 zonas, com um máximo de 160 canais por zona.

Cada canal pode ser programado com diferentes recursos e/ou ter suporte para diferentes grupos de usuários.

### 7.4.1

## Seleção de Zonas

Siga o procedimento para selecionar a zona desejada no rádio.

- 1 Execute uma das seguintes opções:
  - Pressione o botão **Seleção de Zona** programado. Vá para [etapa 3](#).

- Pressione  para acessar o menu.

### 2

Pressione ▲ ou ▼ para Zona. Pressione  para selecionar.

O monitor exibe ✓ e a zona atual.

### 3

Pressione ▲ ou ▼ para a zona desejada.

Pressione  para selecionar.

O visor exibe <Zona> Selecionada momentaneamente e retorna à tela da zona selecionada.

### 7.4.2

## Seleção de Zonas Usando a Pesquisa de Alias

Siga o procedimento para selecionar a zona desejada no rádio usando a pesquisa de alias.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Zona. Pressione  para selecionar.  
O monitor exibe ✓ e a zona atual.

---

- 3 Digite o primeiro caractere do alias solicitado.  
O visor mostrará um cursor intermitente.

---

- 4 Insira o restante dos caracteres do alias desejado.  
A pesquisa de alias não diferencia maiúsculas e minúsculas. Se houver duas ou mais entradas com o mesmo nome, o visor exibirá a primeira entrada da lista.  
A primeira linha de texto exibirá os caracteres digitados. O texto seguinte exibirá os resultados da pesquisa.

- 5 Pressione  para selecionar.  
O monitor exibe <Zona> Selecionada momentaneamente e retorna à tela da zona selecionada.

### 7.4.3

## Como Selecionar Canais

Siga o procedimento para selecionar o canal desejado no rádio.

Gire o Botão **Seletor de Canal** para selecionar o canal, ID do rádio ou ID do grupo.



### OBSERVAÇÃO:

Se a **Parada de canal virtual** estiver ativada, seu rádio para de prosseguir além do primeiro ou último canal e emite um tom.

### 7.5

## Chamadas

Esse capítulo explica as operações para receber, responder, criar e parar chamadas.

Você pode selecionar o nome ou ID do rádio ou do grupo depois de selecionar um canal usando um desses recursos:

#### **Pesquisa de Alias**

Esse método é usado para Group Calls, Privadas e Chamadas para Todos somente com o microfone do teclado.

#### **Lista de Contatos**

Esse método fornece acesso direto à lista de Contatos.

#### **Discagem Manual (via Contatos)**

Esse método é usado para Chamadas Privadas e Telefônicas somente com o microfone do teclado.

#### **Teclas Numéricas Programadas**

Esse método é usado para Group Calls, Privadas e Chamadas para Todos somente com o microfone do teclado.



#### **OBSERVAÇÃO:**

Você pode ter apenas um alias ou ID atribuído a uma tecla numérica, no entanto, pode ter mais de uma tecla numérica associada a um alias ou ID. Todas as teclas numéricas no microfone do teclado podem ser atribuídas. Consulte [Atribuir Entradas para Teclas Numéricas Programáveis na página 515](#) para obter mais informações.

#### **Botão de Acesso com Um Toque Programado**

Esse método é usado apenas para Chamadas em Grupo, Privadas e Telefônicas.

Você pode ter apenas um ID atribuído a um botão **Acesso de um Toque** com um toque de curta ou longa duração no botão programável. Seu rádio pode ter vários botões **Acesso** com Um Toque programados.

#### **Botão Programável**

Esse método é usado apenas para Chamadas Telefônicas .

### **7.5.1**

## **Chamadas em Grupo**

O rádio deve ser configurado como parte de um grupo para receber uma chamada ou fazer uma chamada para um grupo de usuários.

### **7.5.1.1**

## **Fazer Chamadas em Grupo**

Siga o procedimento para fazer Group Calls no rádio.

- 1 Execute uma das seguintes opções:



- Selecione o canal com o nome ou ID do grupo ativo.
- Pressione o botão **Acesso com um toque** programado.

---

**2** Pressione o botão **PTT** para fazer a chamada.

O LED verde acende. O visor exibe o ícone **Chamada em Grupo** e o alias da chamada em grupo.

---

**3** Execute uma das seguintes opções:

- Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
-  Espere que o Sinal do **PTT** se encerre e fale claramente ao microfone, se habilitado.

---

**4** Solte o botão **PTT** para escutar.

O LED verde acenderá quando o rádio de destino responder. O visor exibe o ícone **Chamada em Grupo**, o alias ou ID do grupo e o alias ou ID do rádio transmissor.

- 5**  Se a função Indicador de canal disponível estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você responder. Pressione o botão **PTT** para responder à chamada.

A chamada será encerrada quando não houver atividade de voz por um período predeterminado. O rádio retornará para a tela anterior ao início da chamada.

---

7.5.1.2

## Fazer Group Calls Usando a Lista de Contatos

Siga o procedimento para fazer Group Calls no rádio usando a lista de Contatos.

**1**

Pressione  para acessar o menu.

**2**

Pressione  ou  para Contatos. Pressione  para selecionar.

3 Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar.

---

4 Pressione o botão **PTT** para fazer a chamada.  
O LED verde acende.

---

5 Execute uma das seguintes opções:

- Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
  -  Espere que o Sinal do **PTT** se encerre e fale claramente ao microfone, se habilitado.
- 

6 Solte o botão **PTT** para escutar.  
O LED verde acenderá quando o rádio de destino responder. O monitor exibirá o ícone **Group Call**, o alias ou ID e o alias ou ID do rádio transmissor.

---

7  Se a função Indicador de canal disponível estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você

responder. Pressione o botão **PTT** para responder à chamada.

A chamada será encerrada quando não houver atividade de voz por um período predeterminado.

---

### 7.5.1.3

## Fazer Chamadas em Grupo Usando a Tecla Numérica Programável

Siga o procedimento para fazer Group Calls no rádio usando a tecla numérica programável.

1 Pressione e mantenha pressionada a tecla numérica programável para o alias ou o ID predefinidos quando você estiver na tela inicial.

Se uma tecla numérica for atribuída a uma entrada em um modo privativo, esse recurso não será suportado quando você mantiver a tecla numérica pressionada em outro modo.

Um tom indicador negativo é emitido se a tecla numérica não estiver associada a uma entrada.

---

- 2 Pressione o botão **PTT** para fazer a chamada.  
O LED verde acende. O visor exibirá o ícone **Group Call** no canto superior direito. A primeira linha de texto mostra o nome do assinante. A segunda linha de texto exibe o status da chamada para uma Chamada Privada ou All Call para All Call.

---

- 3 Execute uma das seguintes opções:
  - Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
  -  Espere que o Sinal do **PTT** se encerre e fale claramente ao microfone, se habilitado.

---

- 4 Solte o botão **PTT** para escutar.  
O LED verde acenderá quando o rádio de destino responder. O visor exibe o alias de destino.

---

- 5  Se a função Indicador de canal disponível estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você

responder. Pressione o botão **PTT** para responder à chamada.

A chamada será encerrada quando não houver atividade de voz por um período predeterminado. O rádio retornará para a tela antes do início da chamada.

---

Consulte [Atribuir Entradas para Teclas Numéricas Programáveis na página 515](#) para obter mais informações.

#### 7.5.1.4

### Responder a Chamadas em Grupo

Para receber uma chamada de um grupo de usuários, o rádio deve ser configurado como parte do grupo. Siga o procedimento para responder a Group Calls no rádio.

Quando você recebe uma Group Call:

- O LED verde pisca.
- A primeira linha de texto exibe o nome do autor da chamada.
- A segunda linha de texto exibe o nome de chamada de grupo.

- O rádio sai do estado mudo e recebe o som da chamada no alto-falante.

### 1 Execute uma das seguintes opções:

-  Se a função Indicador de canal disponível estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você responder. Pressione o botão **PTT** para responder à chamada.
-  Se a função Interrupção de voz estiver ativada, você deverá pressionar o botão **PTT** para interromper o áudio do rádio transmissor e liberar o canal para você responder.

O LED verde acende.

### 2 Execute uma das seguintes opções:

- Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
-  Espere que o Sinal do **PTT** se encerre e fale claramente ao microfone, se habilitado.

### 3 Solte o botão **PTT** para escutar.

A chamada será encerrada quando não houver atividade de voz por um período predeterminado.

Se o rádio receber uma Chamada de Grupo quando não estiver na tela inicial, ele permanecerá na tela anterior ao atendimento da chamada.

Mantenha pressionado o  para retornar à tela inicial e exibir o alias do chamador antes de responder.

#### 7.5.2

### Chamadas Privadas

Uma Chamada Privada é uma chamada de um rádio individual para outro rádio individual.

Há dois modos de configurar uma Chamada Privada. O primeiro modo configura a chamada após executar uma verificação de presença de rádio, enquanto o segundo configura a chamada imediatamente. Apenas um desses tipos de chamadas pode ser programado pelo revendedor para o rádio.

Se o seu rádio foi programado para executar uma verificação de presença de rádio antes da configuração da Chamada Privada e o rádio de destino não está disponível:

- Um tom é emitido.

- O visor exibirá uma mininota negativa.
- O rádio voltará para o menu antes de iniciar a verificação de presença do rádio.

Consulte [Privacidade na página 564](#) para obter mais informações.

### 7.5.2.1

## Fazer Chamadas Privadas

O rádio deverá estar programado para que você inicie uma Chamada Privada. Se esse recurso não estiver ativado, um tom indicador negativo será emitido ao iniciar a chamada. Siga o procedimento para fazer Chamadas Privadas no rádio.

- 1 Execute uma das seguintes opções:
  - Selecione o canal com o nome ou ID do rádio ativo.
  - Pressione o botão **Acesso com um toque** programado.
- 2 Pressione o botão **PTT** para fazer a chamada.

O LED verde acende. O visor exibe o ícone **Chamada Privada**, o alias do rádio e o status de chamada.

- 
- 3 Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.

- 
- 4 Solte o botão **PTT** para escutar.

O LED verde piscará quando o rádio de destino responder.

- 
- 5  Se a função Indicador de canal disponível estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você responder. Pressione o botão **PTT** para responder à chamada.

A chamada será encerrada quando não houver atividade de voz por um período predeterminado. Um tom é emitido. O visor exibe **Chamada finalizada**.

## 7.5.2.2

## Fazer Chamadas Privadas Usando a Lista de Contatos

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar.

---

- 4 Pressione o botão **PTT** para fazer a chamada.  
 Se você soltar o botão **PTT** enquanto o rádio está configurando a chamada, ele sairá sem qualquer indicação e voltará para a tela anterior.  
 O LED verde acende. O visor exibe o alias de destino.

---

- 5 Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.

---

- 6 Solte o botão **PTT** para escutar.  
 O LED verde piscará quando o rádio de destino responder. O visor exibirá o alias ou a ID do usuário da transmissão.

---

- 7  Se a função Indicador de canal disponível estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você responder. Pressione o botão **PTT** para responder à chamada.  
 A chamada será encerrada quando não houver atividade de voz por um período predeterminado. Um tom é emitido. O visor exibe Chamada finalizada.

---

## 7.5.2.3

## Fazer Chamadas Privadas Usando a Tecla Numérica Programável

Siga o procedimento para fazer Chamadas Privadas no rádio usando a tecla numérica programável.

- 1 Pressione e mantenha pressionada a tecla numérica programável para o alias ou o ID predefinidos quando você estiver na tela inicial.

Se uma tecla numérica for atribuída a uma entrada em um modo privativo, esse recurso não será suportado quando você mantiver a tecla numérica pressionada em outro modo.

Um tom indicador negativo é emitido se a tecla numérica não estiver associada a uma entrada.

- 2 Pressione o botão **PTT** para fazer a chamada.

O LED verde acende. O visor exibirá o ícone **Chamada Privada** no canto superior direito. A primeira linha de texto exibe o nome do autor da chamada. A segunda linha de texto exibirá o status da chamada.

- 3 Execute uma das seguintes opções:

- Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
-  Espere que o Sinal do **PTT** se encerre e fale claramente ao microfone, se habilitado.

- 4 Solte o botão **PTT** para escutar.

O LED verde piscará quando o rádio de destino responder. O visor exibe o alias de destino.

- 5  Se a função Indicador de canal disponível estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você responder. Pressione o botão **PTT** para responder à chamada.

A chamada será encerrada quando não houver atividade de voz por um período predeterminado. Um tom é emitido. O rádio retornará para a tela anterior ao início da chamada.

Consulte [Atribuir Entradas para Teclas Numéricas Programáveis na página 515](#) para obter mais informações.

## 7.5.2.4

## Responder a Chamadas Privadas

Siga o procedimento para responder a Chamadas Privadas no rádio.

Quando você recebe uma Chamada Privada:

- O LED verde pisca.
- O ícone **Cham. Privat.** é exibido no canto superior direito.
- A primeira linha de texto exibe o nome do autor da chamada.
- O rádio sai do estado mudo e recebe o som da chamada no alto-falante.

### 1 Execute uma das seguintes opções:

-  Se a função Indicador de canal disponível estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você responder. Pressione o botão **PTT** para responder à chamada.
-  Se a função Desativar a interrupção remota de transmissão estiver ativada, você deverá

pressionar o botão **PTT** para interromper uma chamada em andamento e liberar o canal para você responder.

O LED verde acende.

- 
- 2 Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
- 

- 3 Solte o botão **PTT** para escutar.

A chamada será encerrada quando não houver atividade de voz por um período predeterminado. Um tom é emitido. O visor exibe *Chamada finalizada*.

---

## 7.5.3

## Chamadas para Todos

Chamada para Todos é uma chamada de um rádio individual para todos os rádios no canal. Uma All Call é usada para fazer anúncios importantes, que exigem a atenção do usuário. Os usuários no canal não podem responder a uma All Call.



## 7.5.3.1

## Fazer Chamadas para Todos

O rádio deverá estar programado para que você inicie uma All Call. Siga o procedimento para fazer Chamadas para Todos no rádio.

- 1 Selecione o canal com o nome e ID de grupo ativo da All Call.

- 2 Pressione o botão **PTT** para fazer a chamada.

O LED verde acende. O visor exibe o ícone **Chamada em Grupo** e *Chamada para Todos*.

- 3 Execute uma das seguintes opções:

- Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
-  Espere que o Sinal do **PTT** se encerre e fale claramente ao microfone, se habilitado.

Os usuários no canal não podem responder uma All Call.

## Fazer Chamada para Todos Usando a Pesquisa de Alias

Você também pode usar pesquisa de nome ou alfanumérica para recuperar o alias do rádio necessário. Essa função é aplicável apenas em Contatos. Se você soltar o botão **PTT** enquanto o rádio está configurando a chamada, ele sairá sem qualquer indicação e voltará para a tela anterior. Se o rádio de destino não estiver disponível, você ouvirá um tom curto e verá *Parte Indisponível* no monitor; o rádio retorna ao menu antes de iniciar a verificação de presença do rádio. Siga o procedimento para fazer All Calls no rádio usando a pesquisa por alias.



### OBSERVAÇÃO:

Pressione o botão  ou  para sair da busca de nome. Se você soltar o botão **PTT** enquanto o rádio está configurando a chamada, ele sairá sem qualquer indicação e voltará para a tela anterior.

1

Pressione  para acessar o menu.

## 7.5.3.2

- 2 Pressione ▲ ou ▼ para Contatos. Pressione



para selecionar.

O visor exibe as entradas em ordem alfabética.

---

- 3 Digite o primeiro caractere do alias solicitado.

O visor mostrará um cursor intermitente.

---

- 4 Insira o restante dos caracteres do alias desejado.

A pesquisa de alias não diferencia maiúsculas e minúsculas. Se houver duas ou mais entradas com o mesmo nome, o visor exibirá a primeira entrada da lista.

A primeira linha de texto exibirá os caracteres digitados. O texto seguinte exibirá os resultados da pesquisa.

---

- 5 Pressione o botão **PTT** para fazer a chamada.

O LED verde acende. O visor exibe o ID de destino, o tipo de chamada e o ícone **Chamada**.

---

- 6 Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
- 

- 7 Solte o botão **PTT** para escutar.

O LED verde piscará quando o rádio de destino responder.

---

- 8  Se a função Indicador de canal disponível estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você responder. Pressione o botão **PTT** para responder à chamada.

A chamada será encerrada quando não houver atividade de voz por um período predeterminado. Um tom é emitido. O visor exibe **Chamada finalizada**.

---

#### 7.5.3.3

### Fazer Chamada para Todos Usando a Tecla Numérica Programável

Siga o procedimento para fazer All Calls no rádio usando a tecla numérica programável.

- 1 Mantenha pressionada a tecla numérica programável designada para o alias ou o ID predefinidos quando você estiver na tela inicial.  
Se uma tecla numérica for atribuída a uma entrada em um modo privativo, esse recurso não será suportado quando você mantiver a tecla numérica pressionada em outro modo.

Um tom indicador negativo é emitido se a tecla numérica não estiver associada a uma entrada.

- 2 Pressione o botão **PTT** para fazer a chamada.  
O LED verde acende. A primeira linha de texto mostra o nome do assinante. A segunda linha de texto exibirá o status da chamada.

- 3 Execute uma das seguintes opções:
  - Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
  -  Espere que o Sinal do **PTT** se encerre e fale claramente ao microfone, se habilitado.

- 4 Solte o botão **PTT** para escutar.

O LED verde acenderá quando o rádio de destino responder. O visor exibe o alias de destino.

- 5  Se a função Indicador de canal disponível estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você responder. Pressione o botão **PTT** para responder à chamada.

A chamada será encerrada quando não houver atividade de voz por um período predeterminado. O rádio retornará para a tela anterior ao início da chamada.

Consulte [Atribuir Entradas para Teclas Numéricas Programáveis na página 515](#) para obter mais informações.

#### 7.5.3.4

### Receber Chamadas para Todos

Quando você recebe uma All Call:

- Um tom é emitido.
- O LED verde pisca.

- O visor exibirá o ícone **Group Call** no canto superior direito.
- A primeira linha de texto exibe o ID do nome do chamador.
- A segunda linha de texto exibe **All Call**.
- O rádio sai do estado mudo e recebe o som da chamada no alto-falante.

O rádio retorna para a tela antes de receber a All Call ao término da chamada.

Uma All Call não espera um tempo predeterminado antes de ser encerrada.

 Se a função Indicação de Canal Livre estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você responder.

Você não pode responder a uma All Call.



#### **OBSERVAÇÃO:**

O rádio para de receber a All Call se você alternar para um canal diferente enquanto recebe a chamada. Não será possível continuar com qualquer navegação no menu ou edição até o término de uma All Call.

#### 7.5.4

### **Chamadas Seletivas**

Chamada Seletiva é uma chamada de um rádio individual para outro rádio individual. É uma Chamada Privada em um sistema analógico.

#### 7.5.4.1

### **Como Fazer Chamadas Seletivas**

O rádio deverá estar programado para que você inicie uma Chamada Seletiva. Siga o procedimento para fazer Chamadas Seletivas no rádio.

---

**1** Selecione o canal com o nome ou ID do rádio ativo.

**2** Pressione o botão **PTT** para fazer a chamada.

O LED verde acende. O visor exibe o ícone **Chamada Privada**, o alias do rádio e o status de chamada.

---

**3** Execute uma das seguintes opções:

- Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.

-  Espere que o Sinal do **PTT** se encerre e fale claramente ao microfone, se habilitado.

---

**4** Solte o botão **PTT** para escutar.

O LED verde acenderá quando o rádio de destino responder.

- 
- 5**  Se a função Indicador de canal disponível estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você responder. Pressione o botão **PTT** para responder à chamada.

A chamada será encerrada quando não houver atividade de voz por um período predeterminado.

- 
- 6** O visor exibe Chamada finalizada.
- 

- O LED verde pisca.
- A primeira linha de texto exibirá o ícone **Cham. Privat.** e o alias do chamador ou Chamada Selet. ou Alert. Cham.
- O rádio sai do estado mudo e recebe o som da chamada no alto-falante.

- 
- 1** Pressione o botão **PTT** para responder à chamada.  
O LED verde acende.

- 
- 2** Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.

- 
- 3** Solte o botão **PTT** para escutar.

A chamada será encerrada quando não houver atividade de voz por um período predeterminado. Um tom é emitido. O visor exibe Chamada finalizada.

---

#### 7.5.4.2

### Responder a Chamadas Seletivas

Siga o procedimento para responder a Chamadas Seletivas no rádio.

Quando você recebe uma Chamada Seletiva:

## 7.5.5

## Chamadas Telefônicas

Uma Chamada Telefônica é uma chamada de rádio individual para um telefone.

Se o recurso Chamada Telefônica não estiver ativado no seu rádio:

- O visor mostra **Indisponível**.
- O seu rádio silencia a chamada.
- Seu rádio retorna à tela anterior ao término da chamada.

Durante a Chamada Telefônica, o rádio efetua tentativas para encerrar a chamada quando:

- Você pressiona o botão **Acesso de Um Toque** com o código de desaquecimento pré-configurado.
- Você insere o código de desaquecimento como entrada para dígitos suplementares.

Durante o acesso ao canal, código de acesso ou desaquecimento ou transmissão de dígitos extras, seu rádio responde apenas aos botões **Ligado/Desligado**, **Controle de Volume**, e **Seletor de Canais**. É emitido um tom para cada entrada inválida.

Durante acesso de canal, pressione  para ignorar a tentativa de chamada. Um tom é emitido.



### OBSERVAÇÃO:

O código de acesso ou de cancelamento de acesso não pode ter mais de 10 caracteres.

Obtenha mais informações com seu revendedor ou administrador do sistema.

## 7.5.5.1

## Fazer Chamadas Telefônicas

Siga o procedimento para fazer Chamadas Telefônicas no rádio.

### 1 Execute uma das seguintes opções:

- Pressione o botão programado **Telefone** para inserir dados na lista Entrada de Telefone.
- Pressione o botão **Acesso com um toque** programado. Continue com a Etapa 3.

### 2 Pressione ou para o alias ou ID do rádio,

conforme solicitado. Pressione  para selecionar.

Ao pressionar o botão **PTT** quando estiver na tela Contatos Telefônicos:

- Um tom indicador negativo é emitido.
- O monitor exibirá `Pressione OK para Chamar.`

O monitor exibirá `Código de Acesso:` se o código de acesso não for pré-configurado.

---

3

Digite o código de acesso e pressione  para continuar.

O código de acesso ou de cancelamento de acesso não pode ter mais de 10 caracteres.

---

4 Pressione o botão **PTT** para fazer a chamada.

O LED verde acende. O visor mostra o ícone **Cham. Tel.** no canto superior direito. A primeira linha de texto exibe o nome do rádio. A segunda linha de texto exibirá o status da chamada. Se a chamada for bem-sucedida:

- O Tom DTMF será emitido.
- Você ouvirá o tom de discagem do usuário do telefone.
- A primeira linha de texto exibe o nome do rádio.

- O monitor continuará exibindo o ícone **Chamada Telefônica** no canto superior direito.

Se a chamada for malsucedida:

- Um tom é emitido.
- O monitor exibirá `Falha ao Cham. Tel e, em seguida, Código de Acesso:.`
- Se o código de acesso foi pré-configurado na lista de Contatos, o rádio retornará à tela em que você estava antes de iniciar a chamada.

---

5 Pressione o botão **PTT** para responder à chamada. Solte o botão **PTT** para escutar.

---

6 Introduza mais dígitos com o teclado se for

solicitado pela chamada e pressione  para continuar.

Se a chamada terminar enquanto você estiver digitando os dígitos extras solicitados pela chamada,

o rádio retorna à tela em que estava antes se iniciar a chamada.

O DTMF (Dual Tone Multi Frequency, tom duplo de multifrequência) será emitido. O rádio retorna à tela anterior.

7

Pressione  para encerrar a chamada.

8 Execute uma das seguintes opções:

- Se o código de cancelamento de acesso não tiver sido pré-configurado, insira-o quando o monitor exibir Código de Cancelamento de

Acesso: e pressione  para continuar. O rádio retorna à tela anterior.

- Pressione o botão **Acesso com um toque** programado.  
Se a entrada do botão **Acesso de Um Toque** estiver vazia, um tom indicador negativo será emitido.

O Tom DTMF será emitido, e o monitor exibirá Encerrando Chamada.

Se a chamada for finalizada com êxito:

- Um tom é emitido.
- O visor exibe Chamada finalizada.

Se a chamada não for encerrada, o rádio retornará à tela Chamada Telefônica. Repita as duas etapas anteriores ou aguarde o usuário do telefone encerrar a chamada.

#### 7.5.5.2

### Fazer Chamadas Telefônicas Usando a Lista de Contatos

Siga o procedimento para fazer chamadas telefônicas no rádio usando a lista de Contatos.

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.

O visor exibe as entradas em ordem alfabética.



3 Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar.

Ao pressionar o botão **PTT** quando estiver na tela Contatos Telefônicos:

- Um tom indicador negativo é emitido.
- O monitor exibirá `Pressione OK para Chamar.`

Se a entrada selecionada estiver vazia:

- Um tom indicador negativo é emitido.
- O monitor exibirá `Chamada Telefônica Inválida.`

---

4 Pressione ▲ ou ▼ para Cham. Tel. Pressione  para selecionar.

O monitor exibirá `Código de Acesso:` se o código de acesso não for pré-configurado.

---

5 Digite o código de acesso e pressione  para continuar.

O código de acesso ou de cancelamento de acesso não pode ter mais de 10 caracteres.

A primeira linha do texto exibirá `Chamando`. A segunda linha do texto exibirá o alias ou o ID do rádio e o ícone **Chamada Telefônica**.

Se a chamada for bem-sucedida:

- O Tom DTMF será emitido.
- Você ouvirá o tom de discagem do usuário do telefone.
- A primeira linha de texto exibirá o alias ou o ID do rádio e o ícone **RSSI**.
- A segunda linha do texto exibirá `Chamada Telefônica` e o ícone **Chamada Telefônica**.

Se a chamada for malsucedida:

- Um tom é emitido.
  - O monitor exibirá `Falha ao Cham. Tel e, em seguida, Código de Acesso:`.
  - O rádio retornará para a tela anterior ao início da chamada se o código de acesso foi pré-configurado na lista de Contatos.
-

- 6 Pressione o botão **PTT** para responder à chamada.  
O ícone **RSSI** desaparecerá.

- 7 Solte o botão **PTT** para escutar.

- 8 Introduza mais dígitos com o teclado se for solicitado pela chamada e pressione  para continuar.

Se a chamada for finalizada quando você estiver inserindo os dígitos extras solicitados pela chamada, o rádio retornará à tela anterior ao início da chamada.

O Tom DTMF será emitido. O rádio retorna à tela anterior.

- 9 Pressione  para encerrar a chamada.

- 10 Se o código de cancelamento de acesso não tiver sido pré-configurado, insira-o quando o monitor

exibir Código de Cancelamento de Acesso: e

pressione  para continuar.

O rádio retorna à tela anterior. O Tom DTMF será emitido, e o monitor exibirá Encerrando Chamada. Se a chamada for finalizada com êxito:

- Um tom é emitido.
- O visor exibe Chamada finalizada.

Se a chamada não for encerrada, o rádio retornará à tela Chamada Telefônica. Repita [etapa 9](#) e [etapa 10](#) ou aguarde o usuário do telefone encerrar a chamada. Quando você pressiona o botão **PTT** na tela Contatos Telefônicos, é emitido um tom, e o monitor exibe Pressione OK para Chamar.

Quando o usuário do telefone encerra a chamada, é emitido um tom, e o monitor exibe Chamada Termina.

Se a chamada terminar quando você estiver digitando os dígitos extras solicitados pela Chamada Telefônica, o rádio retorna à tela em que estava antes se iniciar a chamada.

## 7.5.5.3

## Fazer Chamadas Telefônicas Usando a Pesquisa de Alias

Você também pode usar pesquisa de nome ou alfanumérica para recuperar o alias do rádio necessário. Essa função é aplicável apenas em Contatos. Se você soltar o botão **PTT** enquanto o rádio está configurando a chamada, ele sairá sem qualquer indicação e voltará para a tela anterior. Se o rádio de destino não estiver disponível, você ouvirá um tom curto e verá **Parte Indisponível** no monitor; o rádio retorna ao menu antes de iniciar a verificação de presença do rádio. Siga o procedimento para fazer Chamadas Telefônicas no rádio usando a pesquisa por alias.



### OBSERVAÇÃO:

Pressione o botão  ou  para sair da busca de nome. Se você soltar o botão **PTT** enquanto o rádio está configurando a chamada, ele sairá sem qualquer indicação e voltará para a tela anterior.

1

Pressione  para acessar o menu.

2 Pressione  ou  para Contatos. Pressione



para selecionar.

O visor exibe as entradas em ordem alfabética.

3 Digite o primeiro caractere do alias solicitado.

O visor mostrará um cursor intermitente.

4 Insira o restante dos caracteres do alias desejado.

A pesquisa de alias não diferencia maiúsculas e minúsculas. Se houver duas ou mais entradas com o mesmo nome, o visor exibirá a primeira entrada da lista.

A primeira linha de texto exibirá os caracteres digitados. O texto seguinte exibirá os resultados da pesquisa.

5 Pressione o botão **PTT** para fazer a chamada.

O LED verde acende. O visor exibirá o ID de destino, o tipo de chamada e o ícone **Chamada Telefônica**.

- 6 Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.

---

- 7 Solte o botão **PTT** para escutar.  
O LED verde piscará quando o rádio de destino responder.

---

- 8  Se a função Indicador de canal disponível estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você responder. Pressione o botão **PTT** para responder à chamada.  
  
A chamada será encerrada quando não houver atividade de voz por um período predeterminado. Um tom é emitido. O visor exibe Chamada finalizada.

#### 7.5.5.4

### Como Fazer Chamadas Usando a Discagem Manual

Siga o procedimento para fazer Chamadas Telefônicas no rádio usando a discagem manual.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Discagem Manual.  
  
Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Número de Telefone.  
  
Pressione  para selecionar.  
  
O monitor exibirá Número: e um cursor intermitente.

---

- 5 Digite o número do telefone e pressione  para continuar.  
  
O monitor exibirá Código de Acesso: e um cursor intermitente se o código de acesso não for pré-configurado.

6

Digite o código de acesso e pressione  para continuar.

O código de acesso ou de cancelamento de acesso não pode ter mais de 10 caracteres.

7

O LED verde acende. O visor exibe o ícone **Cham. Tel.** no canto superior direito. A primeira linha de texto exibe o nome do rádio. A segunda linha de texto exibirá o status da chamada.

Se a chamada for bem-sucedida:

- O Tom DTMF é emitido.
- Você ouvirá o tom de discagem do usuário do telefone.
- A primeira linha de texto exibe o nome do rádio.
- O monitor continuará exibindo o ícone **Chamada Telefônica** no canto superior direito.

Se a chamada for malsucedida:

- Um tom é emitido.
- O monitor exibirá Falha ao Cham. Tel e, em seguida, Código de Acesso!.

- O rádio retornará para a tela anterior ao início da chamada se o código de acesso tiver sido pré-configurado na lista de Contatos.

---

8 Pressione o botão **PTT** para responder à chamada.

---

9 Solte o botão **PTT** para escutar.

---

10 Introduza mais dígitos com o teclado se for

solicitado pela chamada e pressione  para continuar.

Se a chamada terminar enquanto você estiver digitando os dígitos extras solicitados pela chamada, o rádio retorna à tela em que estava antes de iniciar a chamada.

O Tom DTMF é emitido. O rádio retorna à tela anterior.

---

11

Pressione  para encerrar a chamada.

---

12 Execute uma das seguintes opções:

- Se o código de cancelamento de acesso não foi pré-configurado, insira-o quando o monitor exibir

Cód de Desacesso e pressione  para continuar.  
O rádio retorna à tela anterior.

- Pressione o botão **Acesso com um toque** programado.  
Se a entrada do botão **Acesso de Um Toque** estiver vazia, um tom indicador negativo será emitido.

O Tom DTMF é emitido, e o monitor exibe Terminando Chamada.

Se a chamada for finalizada com êxito:

- Um tom é emitido.
- O visor exibe Chamada finalizada.

Se a chamada não for encerrada, o rádio retornará à tela Chamada Telefônica. Repita [etapa 11](#) ou aguarde o usuário do telefone encerrar a chamada.

## Fazer Chamadas Telefônicas com o Botão Telefone Programado

Siga o procedimento para fazer uma chamada telefônica com o botão programável do telefone.

- Pressione o botão **Telefone** programado para inserir dados na lista Entrada de Telefone.

- Pressione  ou  para o alias ou ID do rádio,

conforme solicitado. Pressione  para selecionar. Se o código de acesso não for pré-configurado na lista de Contatos, monitor exibirá Código de Acesso:. Digite o código de acesso e

pressione o botão  para continuar.

- O LED verde acende. O ícone **Chamada Telefônica** é exibido no canto superior direito. A primeira linha de texto exibe o nome do rádio. A segunda linha de texto exibe o status da chamada.
- Se a configuração de chamada for bem-sucedida, o tom DTMF será emitido. Você ouvirá o tom de discagem do usuário do telefone. A

primeira linha de texto exibirá o alias. O ícone **Chamada Telefônica** permanece em exibição no canto superior direito. A segunda linha de texto exibe o status da chamada.

- Se a configuração da chamada não for bem-sucedida, será emitido um tom e o monitor exibirá **Falha ao Cham. Tel.** O rádio retorna à tela de entrada do Código de acesso. Se o código de acesso foi pré-configurado na lista de Contatos, o rádio retornará à tela em que você estava antes de iniciar a chamada.

---

**3** Pressione o botão **PTT** para falar. Solte o botão **PTT** para escutar.

---

- 4** Para inserir dígitos adicionais, se exigido pela Chamada telefônica: Execute uma das seguintes opções:
- Pressione qualquer tecla do teclado para começar a inserir os dígitos extras. A primeira linha do monitor exibirá **Díg. Extras:**. A segunda linha do monitor exibe um cursor piscando. Insira os dígitos extras e pressione o

botão  para continuar. O tom DTMF é emitido e o rádio retorna à tela anterior.

- Pressione o botão **Acesso de Um Toque**. O DTMF (Dual Tone Multi Frequency, tom duplo de multifrequência) será emitido. Se a entrada do botão **Acesso de Um Toque** estiver vazia, um tom indicador negativo será emitido.

---

**5**

Pressione  para encerrar a chamada. Se o código de desacesso não for pré-configurado na lista de Contatos, a primeira linha do monitor exibirá **Cód de Desacesso:**. A segunda linha do monitor exibe um cursor piscando. Digite o código de

desacesso e pressione o botão  para continuar.

- O tom DTMF é emitido, e o monitor exibe **Terminando Chamada**.
- Se a configuração de encerramento de chamada for bem-sucedida, um tom será emitido e o visor exibirá **Chamada Finalizada**.
- Se a configuração de encerramento de chamada foi malsucedida, o rádio retorna à tela **Cham**.

Telef. Repita **etapa 3** e **etapa 5** ou aguarde o usuário do telefone encerrar a chamada.

- Quando você pressiona o botão **PTT** na tela Contatos Telefônicos, é emitido um som e o monitor exibe Pressione OK para chamar.
- Quando o usuário do telefone encerra a chamada, é emitido um tom, e o monitor exibe Chamada Termina.
- Se a chamada terminar quando você estiver digitando os dígitos extras solicitados pela Chamada Telefônica, o rádio retorna à tela em que estava antes de iniciar a chamada.



#### OBSERVAÇÃO:

Durante o acesso de canal, pressione  para sair da tentativa de chamada, e um tom será emitido.

Durante a chamada, quando você pressiona **Acesso de Um Toque** com o código de desaquecimento pré-configurado ou digita o código de desaquecimento como a entrada de dígitos extras, o rádio tenta encerrar a chamada.

#### 7.5.5.6

### Multifrequência de Tom Dual

A função Multifrequência de tom duplo (DTMF) permite que o rádio opere em um sistema de rádio com uma interface para sistemas telefônicos.

A desativação de todos os tons de rádio e alerta desliga automaticamente o tom DTMF.

#### 7.5.5.6.1

### Iniciar tom DTMF

Siga o procedimento para iniciar um tom DTMF no rádio.

1 Mantenha o botão **PTT** pressionado.

2 Execute uma das seguintes opções:

- Insira o número desejado para iniciar um tom DTMF.
- Pressione  para iniciar um tom DTMF.
- Pressione  para iniciar um tom DTMF.



## 7.5.5.7

## Responder às Chamadas Telefônicas como Chamadas Privadas

Siga o procedimento para responder às Chamadas Telefônicas como Chamadas Privadas no rádio.

Quando você receber uma Chamada Telefônica como uma Chamada Privada:

- O visor exibe o ícone **Cham. Tel.** no canto superior direito.
- O monitor exibe o alias do chamador ou Chamada Telefônica.

Se o recurso Chamada Telefônica não estiver ativado no seu rádio, a primeira linha do monitor exibirá **Indisponível** e seu rádio silenciará a chamada. O seu rádio retorna à tela anterior ao término da chamada.

- 1 Pressione o botão **PTT** para responder à chamada. Solte o botão **PTT** para escutar.

2

Pressione  para encerrar a chamada.

O monitor exibe **Encerrando Chamada**.

Se a chamada for finalizada com êxito:

- Um tom é emitido.
- O visor exibe **Chamada finalizada**.

Se a chamada não for encerrada, o rádio retornará à tela Chamada Telefônica. Repita essa etapa ou aguarde o usuário do telefone encerrar a chamada.

## 7.5.5.8

## Responder às Chamadas Telefônicas como Chamadas em Grupo

Siga o procedimento para responder às Chamadas Telefônicas como Chamadas em Grupo no rádio.

Quando você recebe uma Chamada Telefônica como uma Chamada em Grupo:

- O visor exibe o ícone **Cham. Tel.** no canto superior direito.
- O monitor exibe o alias do grupo ou Chamada Telefônica.

Se o recurso Chamada Telefônica não estiver ativado no seu rádio, a primeira linha do monitor exibirá **Indisponível** e seu rádio silenciará a chamada.

- 1 Pressione o botão **PTT** para responder à chamada. Solte o botão **PTT** para escutar.

- 2 Pressione  para encerrar a chamada.

O monitor exibe **Encerrando Chamada**.  
Se a chamada for finalizada com êxito:

- Um tom é emitido.
- O visor exibe **Chamada finalizada**.

Se a chamada não for encerrada, o rádio retornará à tela **Chamada Telefônica**. Repita essa etapa ou aguarde o usuário do telefone encerrar a chamada.

#### 7.5.5.9

### Responder às Chamadas Telefônicas como Chamadas para Todos

Quando você recebe uma Chamada Telefônica como Chamada para Todos, você pode atender a chamada ou

encerrar a chamada, se um tipo de Chamada para Todos for atribuído ao canal. Siga o procedimento para responder às Chamadas Telefônicas como Chamadas para Todos no rádio.

Quando você receber uma Chamada Telefônica como All Call:

- O visor exibe o ícone **Cham. Tel.** no canto superior direito.
- O monitor exibe **All Call** e **Chamada Telefônica**.

Se o recurso Chamada Telefônica não estiver ativado no seu rádio, a primeira linha do monitor exibirá **Indisponível** e seu rádio silenciará a chamada.

O seu rádio retorna à tela anterior ao término da chamada.

- 1 Pressione o botão **PTT** para responder à chamada.

- 2 Solte o botão **PTT** para escutar.

- 3 Pressione  para encerrar a chamada.

O monitor exibe **Encerrando Chamada**.  
Se a chamada for finalizada com êxito:

- Um tom é emitido.

- O monitor exibe All Call e Call Ended.

Se a chamada não for encerrada, o rádio retornará à tela Chamada Telefônica. Repita [etapa 3](#) ou aguarde o usuário do telefone encerrar a chamada.

### 7.5.6

## Iniciar interrupção de transmissão

Uma chamada em andamento é interrompida quando você executa as seguintes ações:

- Pressione o botão **Voz PTT**.
- Pressione o botão **Emergência**.
- Realizar transmissão de dados.
- Pressione o botão programado **Desativar a Interrupção Remota de Tx**.

O rádio destinatário exibe Chamada interrompida.

### 7.5.7

## Chamadas de Transmissão de Voz

Uma Chamada de Transmissão de Voz é uma chamada de voz unidirecional de qualquer usuário para todo um grupo de conversação.

O recurso de Chamada de Transmissão de Voz permite que apenas o iniciador da chamada transmita para o grupo de conversação, enquanto os destinatários não podem responder (sem Tempo de Desconexão da Chamada).

O rádio deverá ser programado para permitir que você use essa função. Obtenha mais informações com seu revendedor ou administrador do sistema.

### 7.5.7.1

## Fazer Chamadas de Transmissão de Voz

Programa seu rádio para fazer Chamadas de Transmissão de Voz.

- 1 Selecione o canal com o nome ou ID do grupo ativo.
- 2 Execute uma das seguintes opções:
  - Selecione o canal com o nome ou ID do grupo ativo.

- Pressione o botão **Acesso com um toque** programado.

### 3 Pressione o botão **PTT** para fazer a chamada.

O LED verde acende. O visor mostra Chamada de Transmissão, o ícone de **Chamada em Grupo** e o alias. O visor mostra o ícone de **Chamada em Grupo** e o alias.

### 4 Execute uma das seguintes opções:

- Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
- Espere pelo término da Campainha lateral de **PTT** e fale claramente ao microfone, se ativado.



#### **OBSERVAÇÃO:**

Os usuários no canal não podem responder a Chamadas de Transmissão de Voz.

O rádio retorna ao menu anterior ao término da chamada.

## 7.5.7.2

## Fazer Chamadas de Transmissão de Voz Usando a Tecla Numérica Programável

Siga o procedimento para fazer uma Chamada de Transmissão de Voz no rádio usando a tecla numérica programável.

### 1 Na **Tela Inicial**, mantenha pressionada a tecla numérica programada atribuída ao alias ou à ID predefinida.

Esse recurso não será suportado se uma tecla numérica for atribuída a uma entrada em um modo privativo e você mantiver a tecla numérica pressionada em outro modo.

Se a tecla numérica não estiver associada a uma entrada, um tom indicador negativo será emitido.

### 2 Pressione o botão **PTT** para fazer a chamada.

O LED verde acende. A primeira linha de texto mostra o nome do assinante. A segunda linha de texto exibirá o status da chamada.

- 3 Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.

Os usuários do canal não podem responder a uma Chamada de Transmissão de Voz.

O rádio retorna ao menu anterior ao término da chamada.

Consulte [Atribuir Entradas para Teclas Numéricas Programáveis na página 515](#) para obter mais informações.

#### 7.5.7.3

### Fazer Chamadas de Transmissão de Voz Usando a Pesquisa de Alias

Você pode usar pesquisa de alias ou alfanumérica para recuperar o nome do rádio necessário. A recuperação de aliases do rádio dessa forma é possível apenas a partir dos Contatos. Se você soltar o botão PTT enquanto o rádio está sendo configurado, a chamada encerrará sem qualquer indicação e voltará para a tela anterior. Se o rádio de destino não estiver disponível, você ouvirá um tom curto e verá **Parte Indisponível** no monitor; o rádio retorna ao menu antes de iniciar a verificação de presença do rádio.



#### OBSERVAÇÃO:

Pressione o botão  ou  para sair da busca de nome. Se você soltar o botão **PTT** enquanto o rádio está configurando a chamada, ele sairá sem qualquer indicação e voltará para a tela anterior.

1

Pressione  para acessar o menu.

2

Pressione  ou  para Contatos. Pressione  para selecionar.

O visor exibe as entradas em ordem alfabética.

3

Digite o primeiro caractere do alias solicitado.  
O visor mostrará um cursor intermitente.

4

Insira o restante dos caracteres do alias desejado.  
A pesquisa de alias não diferencia maiúsculas e minúsculas. Se houver duas ou mais entradas com

o mesmo nome, o visor exibirá a primeira entrada da lista.

A primeira linha de texto exibirá os caracteres digitados. O texto seguinte exibirá os resultados da pesquisa.

---

**5** Pressione o botão **PTT** para fazer a chamada.

O LED verde acende. O visor mostra o ID de destino, tipo de chamada e o ícone de **Chamada**.

---

**6** Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.

O usuário do canal não pode atender a uma Chamada de Transmissão de Voz.

O rádio retorna ao menu anterior ao término da chamada.

---

## Receber Chamadas de Transmissão de Voz

Quando você receber uma Chamada de Transmissão de Voz:

- Um tom é emitido.
- O LED verde pisca.
- O visor exibirá o ícone **Group Call** no canto superior direito.
- A primeira linha de texto exibe o ID do nome do chamador.
- A segunda linha de texto mostrará *Chamada de Transmissão*.
- O rádio sai do estado mudo e recebe o som da chamada no alto-falante.

Quando a chamada é encerrada, o rádio retorna à tela anterior.

Uma Chamada de Transmissão de Voz não espera um tempo predeterminado antes de ser encerrada.

Não é possível responder a uma Chamada de Transmissão de Voz.



**OBSERVAÇÃO:**

O rádio vai parar de receber a Chamada de Transmissão de Voz se você alternar para um canal diferente ao receber a chamada. Não será possível continuar com qualquer navegação no menu ou edição até o término de uma Chamada de Transmissão de Voz.

7.5.8

## Chamadas Não Endereçadas

Uma Chamada Não Endereçada é uma chamada de grupo para um dos 16 IDs de grupo predefinidos.

Esse recurso é configurado usando o CPS-RM. Um contato para um dos IDs predefinidos é necessário para iniciar e/ou receber uma Chamada Não Endereçada. Obtenha mais informações com seu revendedor ou administrador do sistema.

7.5.8.1

## Fazer Chamadas Não Endereçadas

- 1 Selecione o canal com o nome ou ID do grupo ativo.
- 2 Execute uma das seguintes opções:
  - Selecione o canal com o nome ou ID do grupo ativo.
  - Pressione o botão **Acesso com um toque** programado.
- 3 Pressione o botão **PTT** para fazer a chamada.  
O LED verde acende. A linha de texto mostra *Chamada não endereçada*, o ícone **Chamada em grupo** e o alias.
- 4 Execute uma das seguintes opções:
  - Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
  - Espere pelo término do Sinal do **PTT** e fale claramente ao microfone, se ativado.

### 5 Solte o botão **PTT** para escutar.

O LED verde acenderá quando o rádio de destino responder. Um tom momentâneo é emitido. O visor mostra *Chamada não endereçada*, o ícone **Chamada de grupo**, o alias ou ID e o alias ou ID do rádio transmissor.

### 6 Se a função Indicação de Canal Livre estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você responder. Pressione o botão **PTT** para responder à chamada.

A chamada será encerrada quando não houver atividade de voz por um período predeterminado.

O inicializador da chamada pode pressionar



para encerrar a Group Call.

- O LED verde pisca.
- Um tom momentâneo é emitido.
- A linha de texto mostra *Chamada não endereçada*, o alias do chamador e o alias da chamada em grupo.
- O rádio sai do estado mudo e recebe o som da chamada no alto-falante.

### 1 Execute uma das seguintes opções:

- Se a função Indicação de Canal Livre estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você responder. Pressione o botão **PTT** para responder à chamada.
- Se a função Interrupção de Voz estiver habilitada, pressione o botão **PTT** para interromper o áudio do rádio transmissor e liberar o canal para você responder.

O LED verde acende.

### 2 Execute uma das seguintes opções:

#### 7.5.8.2

## Responder a Chamadas Não Endereçadas

Quando você recebe uma Chamada Não Endereçada:



- Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
  - Espere pelo término do Sinal do **PTT** e fale claramente ao microfone, se ativado.
- 

**3** Solte o botão **PTT** para escutar.

A chamada será encerrada quando não houver atividade de voz por um período predeterminado.

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7.5.9

## Modo de Canal de Voz Aberto (OVCM)

O Modo de Canal de Voz Aberto (OVCM, Open Voice Channel Mode) permite que um rádio que não é pré-configurado para funcionar em um determinado sistema receba e transmita durante uma chamada em grupo ou individual.

A chamada em grupo OVCM também é compatível com chamadas de transmissão. Programe seu rádio para usar esse recurso. Obtenha mais informações com seu revendedor ou administrador do sistema.

7.5.9.1

### Fazer Chamadas OVCM

Seu rádio deverá estar programado para que você inicie uma Chamada OVCM. Siga o procedimento para fazer Chamadas OVCM no seu rádio.

---

**1** Selecione o canal com o nome ou ID do grupo ativo.

---

**2** Execute uma das seguintes opções:

- Selecione o canal com o nome ou ID do grupo ativo.
  - Pressione o botão **Acesso com um toque** programado.
- 

**3** Pressione o botão **PTT** para fazer a chamada.

O LED verde acende.

A linha de texto mostra o ícone de tipo de chamada, **OVCM** e o alias, indicando que o rádio entrou no Estado OVCM.

---

**4** Execute uma das seguintes opções:

- Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
- Espere pelo término da Campainha lateral de **PTT** e fale claramente ao microfone, se ativado.

### 7.5.9.2

## Responder a Chamadas OVCM

Quando você recebe uma Chamada OVCM:

- O LED verde pisca.
- A linha de texto mostra o ícone de tipo de chamada, OVCM, e o alias.
- O rádio sai do estado mudo e recebe o som da chamada no alto-falante.



### OBSERVAÇÃO:

Os usuários destinatários não têm permissão para Responder durante uma Chamada de Transmissão. O monitor exibe Responder Não Permitido. Se o botão **PTT** for pressionado durante uma Chamada de Transmissão, o tom de Responder Não Permitido será emitido brevemente.

- 1 Execute uma das seguintes opções:

- Se a função Indicação de Canal Livre estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você responder. Pressione o botão **PTT** para responder à chamada.
- Se a função Interrupção de Voz estiver habilitada, pressione o botão **PTT** para interromper o áudio do rádio transmissor e liberar o canal para você responder.

O LED verde acende.

- 2 Execute uma das seguintes opções:

- Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
- Espere pelo término do Sinal do **PTT** e fale claramente ao microfone, se ativado.

- 3 Solte o botão **PTT** para escutar.

A chamada será encerrada quando não houver atividade de voz por um período predeterminado.

## 7.6

## Recursos Avançados

Este capítulo explica as operações das funções disponíveis na rádio.

Entretanto, é possível que o revendedor ou administrador do sistema tenha personalizado seu rádio para atender às suas necessidades específicas. Obtenha mais informações com seu revendedor ou administrador do sistema.

## 7.6.1

### Bluetooth®

Esse recurso permite que você use o rádio com um dispositivo habilitado para Bluetooth (acessório) via uma conexão Bluetooth. Seu rádio oferece suporte a dispositivos habilitados para Bluetooth Motorola Solutions e COTS (Commercially available Off-The-Shelf, comercialmente disponível e pronto para uso).

O Bluetooth opera em uma faixa de 10 metros (32 pés) de distância. Esse é um caminho desobstruído entre o rádio e o dispositivo habilitado para Bluetooth. Para ter um alto grau de confiabilidade, a Motorola Solutions recomenda não separar o rádio e o acessório.

Nas áreas de recepção onde o sinal é fraco, a qualidade de voz e de som será afetada, ficando "distorcida" ou com interrupções. Para corrigir esse problema, aproxime o rádio e o dispositivo habilitado para Bluetooth (no alcance definido de 10 metros) para restabelecer uma recepção de áudio clara. A função Bluetooth do rádio tem uma potência máxima de 2,5 mW (4 dBm) dentro do alcance de 10 metros.

Seu rádio pode suportar até três conexões Bluetooth simultâneas com dispositivos habilitados para Bluetooth de tipos exclusivos. Por exemplo, um headset, um scanner, um dispositivo com sensor e um POD (dispositivo somente para PTT).

Consulte o manual do usuário do respectivo dispositivo habilitado para Bluetooth para obter mais detalhes sobre todos os recursos do dispositivo habilitado para Bluetooth.

O rádio se conecta ao dispositivo habilitado para Bluetooth dentro do alcance com a maior intensidade de sinal ou com aquele ao qual estava conectado antes, em uma sessão anterior. Não desative o dispositivo habilitado para

Bluetooth ou pressione o botão de retorno à tela início durante a operação de localização e conexão, pois isso cancelará a operação.



## 7.6.1.1

**Ativar e Desativar o Bluetooth**

Siga o procedimento para ligar e desligar o Bluetooth.

1

Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Bluetooth. Pressione

 para selecionar.

3 Pressione ▲ ou ▼ para Meu Status. Pressione

 para selecionar.

O monitor exibe Ativado e Desativado. O status atual é indicado por ✓.

4 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Ligar. Pressione

 para selecionar. O visor exibe ✓ ao lado de Ligado.

- Pressione ▲ ou ▼ para Desligar. Pressione

 para selecionar. O visor exibe ✓ ao lado de Desligado.

## 7.6.1.2

**Conectar a Dispositivos Bluetooth**

Siga o procedimento para conectar dispositivos Bluetooth.

Ligue o dispositivo habilitado para Bluetooth e coloque-o no modo de emparelhamento.

1

Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Bluetooth. Pressione

 para selecionar.

3 Pressione ▲ ou ▼ para Dispositivos.

Pressione  para selecionar.

4 Executar uma das seguintes opções:

- Pressione ▲ ou ▼ para o dispositivo necessário. Pressione  para selecionar.
- Pressione ▲ ou ▼ para Localiz. dispos. para localizar os dispositivos disponíveis. Pressione ▲ ou ▼ para o dispositivo necessário. Pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para Conectar. Pressione  para selecionar.

O dispositivo habilitado para Bluetooth pode exigir etapas adicionais para concluir o emparelhamento. Consulte o manual do usuário do dispositivo compatível com Bluetooth.

O visor exibe Conectando a <Dispositivo>.

Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor exibe <Dispositivo> Conectado e o ícone de **Bluetooth Conectado**.

- O monitor exibirá ✓ ao lado do dispositivo conectado.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O monitor exibirá Falha de Conexão.

### 7.6.1.3

## Conectar a Dispositivos Bluetooth no Modo de Descoberta

Siga o procedimento para conectar dispositivos Bluetooth em modo detectável.

Ligue o dispositivo habilitado para Bluetooth e coloque-o no modo de emparelhamento.

- 1 Pressione  para acessar o menu.
- 2 Pressione ▲ ou ▼ para Bluetooth. Pressione  para selecionar.
- 3 Pressione ▲ ou ▼ para Encontre-me. Pressione  para selecionar. O rádio pode agora ser

detectado por outros dispositivos habilitados para Bluetooth pelo tempo programado. Isso é chamado de Modo de Exibição.

Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor exibe <Dispositivo> Conectado e o ícone de **Bluetooth Conectado**.
- O monitor exibirá ✓ ao lado do dispositivo conectado.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O monitor exibirá Falha de Conexão.

#### 7.6.1.4

### Desconectar de Dispositivos Bluetooth

Siga o procedimento para desconectar dispositivos Bluetooth.

- 1 Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Bluetooth. Pressione

 para selecionar.

- 3 Pressione ▲ ou ▼ para Dispositivos.

Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para o dispositivo necessário.

Pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para Desconectar. Pressione

 para selecionar.

O monitor exibe Desconectando do <Dispositivo>.

Aguarde a confirmação.

- Um tom é emitido.
- O monitor exibe <Dispositivo> Desconectado e o ícone de **Bluetooth Conectado** desaparece.
- O ✓ ao lado do dispositivo conectado desaparece.

### 7.6.1.5

## Alternar a Rota de Áudio entre o Alto-Falante Interno do Rádio e o Dispositivo Bluetooth

Siga o procedimento para alternar a rota de áudio entre o alto-falante interno do rádio e o dispositivo Bluetooth externo.

Pressione o botão **Trocar Áudio BT** programado.

O visor exibe um dos seguintes resultados:

- Um tom é emitido. O visor exibe Rotear Áudio para Rádio.
- Um tom é emitido. O visor exibe Rotear Áudio para Bluetooth.

### 7.6.1.6

## Visualizar de Detalhes de Dispositivos

Siga o procedimento visualizar os detalhes do dispositivo no rádio.

1

Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Bluetooth. Pressione



para selecionar.

3 Pressione ▲ ou ▼ para Dispositivos.



Pressione para selecionar.

4 Pressione ▲ ou ▼ para o dispositivo necessário.



Pressione para selecionar.

5 Pressione ▲ ou ▼ para Exibir Detalhes.



Pressione para selecionar.

### 7.6.1.7

## Editar Nome do Dispositivo

Siga o procedimento para editar o nome dos dispositivos Bluetooth disponíveis.

1

Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Bluetooth. Pressione



para selecionar.

- 3 Pressione ▲ ou ▼ para Dispositivos.

Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para o dispositivo necessário.

Pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para Editar Nome. Pressione



para selecionar.

- 6 Digite um novo nome de dispositivo. Pressione  para selecionar.

O monitor exibe <Nome Disp> Salvo.

## Excluir Nome do Dispositivo

Você pode remover um dispositivo desconectado da lista de dispositivos habilitados para Bluetooth.

- 1 Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Bluetooth. Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Dispositivos. Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para o dispositivo necessário. Pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para Excluir. Pressione  para selecionar. O monitor exibe Dispositivo Excluído.



## 7.6.1.9

## Ganho do Microfone Bluetooth

Essa função permite que o usuário controle o valor de ganho do microfone do dispositivo Bluetooth conectado.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Bluetooth. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Ganho de Microfone Bluetooth. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para o tipo de Ganho de Microfone Bluetooth e os valores atuais. Pressione  para selecionar. É possível editar o registro aqui.

---

- 5 Pressione ▲ ou ▼ para aumentar ou diminuir os valores. Pressione  para selecionar.

---

## 7.6.1.10

## Modo Detectável via Bluetooth Permanente

O Modo de Descoberta de Bluetooth Permanente deve ser ativado pelo revendedor ou pelo administrador do sistema

**OBSERVAÇÃO:**

Se ativado, o Bluetooth **não** será exibido no Menu e não será possível usar nenhuma das funções de botões programáveis Bluetooth.

Outros dispositivos compatíveis com Bluetooth podem localizar o rádio, mas os dispositivos não podem se conectar ao rádio. O Modo de Descoberta de Bluetooth Permanente permite que os dispositivos dedicados usem a posição do rádio no processo de localização baseada em Bluetooth.

## 7.6.2

## Localização Interna

**OBSERVAÇÃO:**

A função de Localização Interna é aplicável apenas a modelos com a última versão de software e hardware. Obtenha mais informações com seu revendedor ou administrador do sistema.

A Localização interna é usada para monitorar a localização dos usuários de rádio. Quando a Posição Interna é ativada, o rádio fica em um modo de descoberta limitado. Beacons dedicados são usados para localizar o rádio e determinar sua posição.

### 7.6.2.1

## Ativar ou Desativar a Localização Interna

Você pode ativar ou desativar a Localização Interna com as seguintes ações.

- Acesse este recurso por meio do menu.
  - a. Pressione  para acessar o menu.
  - b. Pressione ▲ ou ▼ para Bluetooth e pressione  para selecionar.
  - c. Pressione ▲ ou ▼ para Localização Interna e pressione  para selecionar.

- d. Pressione  para ativar a Localização Interna.

O monitor exibe Local. Inter. Ligado. Você ouve um tom indicador positivo.

Um dos seguintes cenários irá acontecer.

- Se bem-sucedida, o ícone de Localização Interna Disponível é exibido na tela Inicial.
- Se for malsucedida, o monitor exibirá Ativação Sem Êxito. Você ouvirá um tom indicador negativo.

- e. Pressione  para desativar a Localização Interna.

O monitor exibirá Local. Inter. Desligado. Você ouve um tom indicador positivo.

Um dos seguintes cenários irá acontecer.

- Se bem-sucedida, o ícone de Localização Interna Disponível desaparece da exibição da tela inicial.
- Se for malsucedida, o monitor exibirá Desativação Sem Êxito. Você ouvirá um tom indicador negativo.

- Acesse esse recurso usando o botão programado.

- a. Mantenha pressionado o botão programado **Local. Inter.** para ativar a Localização Interna.

O monitor exibe **Local. Inter. Ligado**. Você ouve um tom indicador positivo.

Um dos seguintes cenários irá acontecer.

- Se bem-sucedida, o ícone de Localização Interna Disponível é exibido na tela Inicial.
- Se for malsucedida, o monitor exibirá **Ativação Sem Êxito**. Se malsucedida, um tom indicador negativo é emitido.

- b. Pressione o botão programado **Local. Inter.** para desativar a Localização Interna.

O monitor exibirá **Local. Inter. Desligado**. Você ouve um tom indicador positivo.

Um dos seguintes cenários irá acontecer.

- Se bem-sucedida, o ícone de Localização Interna Disponível desaparece da exibição da tela inicial.

- Se for malsucedida, o monitor exibirá **Desativação Sem Êxito**. Se malsucedida, um tom indicador negativo é emitido.

#### 7.6.2.2

### Acessar Informações de Beacons de Localização Interna

Siga o procedimento para acessar informações de sinais de Localização Interna.

1

Pressione  para acessar o menu.

---

2

Pressione ▲ ou ▼ para Bluetooth e pressione  para selecionar.

---

3

Pressione ▲ ou ▼ para Localização Interna e pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Beacons e pressione



para selecionar.

O visor exibe as informações dos beacons.

### 7.6.3

## Tíquetes de trabalho

Esse recurso permite que o rádio receba mensagens do despachador listando tarefas a serem realizadas.



### OBSERVAÇÃO:

Esse recurso pode ser personalizado por meio do CPS (Customer Programming Software, software de programação de cliente) de acordo com os requisitos do usuário. Obtenha mais informações com seu revendedor ou administrador do sistema.

Há duas pastas que contêm Tíquetes de Trabalho diferentes:

#### Pasta Minhas Tarefas

Tíquetes de Trabalho personalizados atribuídos ao seu ID do utilizador conectado.

#### Pasta Tarefas Compartilhadas

Tíquetes de Trabalho compartilhados atribuídos a um grupo de indivíduos.

Você pode responder a Instruções de Tarefa para classificá-las em Pastas de Tíquetes de Tarefa. Por padrão, as pastas são **Tudo**, **Novo**, **Iniciado** e **Concluído**.

Os Tíquetes de trabalho são mantidos mesmo depois que o rádio for desligado e ligado novamente.

Todos os Tíquetes de Trabalho estão localizados na pasta **Tudo**. Dependendo da maneira como seu rádio é programado, os Tíquetes de Trabalho são classificados por nível de prioridade, seguido pela hora em que foram recebidos. Novos Tíquetes de Trabalho, Tíquetes de Trabalho com mudanças recentes de estado e Tíquetes de Trabalho com a maior prioridade são listados em primeiro lugar.

Ao atingir o número máximo de Instruções de Tarefa, a próxima Instrução de Tarefa substitui automaticamente a última Instrução de Tarefa em seu rádio. Seu rádio tem suporte para um máximo de 100 ou 500 Tíquetes de Trabalho, dependendo do modelo do rádio. Obtenha mais informações com seu revendedor ou administrador do sistema. O rádio detecta automaticamente e descarta Tíquetes de Trabalho duplicados com o mesmo ID de Tíquete de Trabalho.

Dependendo da importância dos Tíquetes de Trabalho, o despachador adiciona um Nível de Prioridade a eles. Há três níveis de prioridade: Prioridade 1, Prioridade 2 e

Prioridade 3. A Prioridade 1 tem a maior prioridade, enquanto a Prioridade 3 tem a menor. Também há Tíquetes de Trabalho sem prioridade.

O rádio é atualizado conforme necessário quando o despachador faz as seguintes mudanças:

- Modificar conteúdo dos Tíquetes de Trabalho.
- Adicionar ou editar Nível de Prioridade dos Tíquetes de Trabalho.
- Mover os Tíquetes de Trabalho de pasta para pasta.
- Cancelar Tíquetes de Trabalho.

#### 7.6.3.1

### Acessar a Pasta de Tíquete de Tarefa

Siga o procedimento para acessar a Pasta de Tíquetes de Trabalho.

- 1 Execute uma das seguintes opções:
    - Pressione o botão programado **Tíquete de Tarefa**. Vá para [etapa 3](#).
    - Pressione  para acessar o menu.
- 

- 2 Pressione  ou  para Tíqs. Trabalho.

Pressione  para selecionar.

---

- 3 Pressione  ou  para a pasta necessária.

Pressione  para selecionar.

---

- 4 Pressione  ou  o para o Tíquete de Tarefa necessário. Pressione  para selecionar.
- 

#### 7.6.3.2

### Fazer Login ou Logout do Servidor Remoto

Esse recurso permite fazer login e logout do servidor remoto usando o ID do utilizador.

- 1 Pressione  para acessar o menu.
- 

- 2 Pressione  ou  para Login. Pressione  para selecionar.

Se você já estiver conectado, o menu exibirá Logout.

O visor exibirá mininotas passageiras, indicando que a solicitação está em andamento.

### 3 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor exibirá uma mininota negativa.

#### 7.6.3.3

### Criar Tíquetes de Tarefa

O rádio é capaz de criar Tíquetes de Trabalho, que são baseadas em um modelo de Tíquete de Trabalho e enviam as tarefas que precisam ser executadas.

O software de programação CPS é necessário para configurar o modelo de Tíquete de Trabalho.

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Tíquetes de Trabalho.

Pressione  para selecionar.

3

Pressione ▲ ou ▼ para Abrir Ticket.

Pressione  para selecionar.

#### 7.6.3.4

### Enviar a Tíquetes de Tarefa Usando Um Modelo de Tíquete de Tarefa

Se o seu rádio estiver configurado com um modelo de Tíquete de Trabalho, execute as seguintes ações para enviar o Tíquete de Trabalho.

1

Use o teclado para digitar o número da sala desejada. Pressione  para selecionar.

- 2 Pressione ▲ ou ▼ para Status da Sala.

Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para a opção necessária.

Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Enviar. Pressione  para selecionar.

O visor exibirá mininotas passageiras, indicando que a solicitação está em andamento.

---

- 5 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
  - O visor exibirá uma mininota negativa.
- 

### 7.6.3.5

## Enviar a Tíquetes de Tarefa Usando Mais de Um Modelo de Tíquete de Tarefa

Se o seu rádio estiver configurado com mais de um modelo de Tíquete de Trabalho, execute as seguintes ações para enviar os Tíquetes de Trabalho.

- 1 Pressione ▲ ou ▼ para a opção necessária.

Pressione  para selecionar.

---

- 2 Pressione ▲ ou ▼ para Enviar. Pressione  para selecionar.

O visor exibirá mininotas passageiras, indicando que a solicitação está em andamento.

---

- 3 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor exibirá uma mininota negativa.

### 7.6.3.6

## Responder a Tíquetes de Tarefa

Siga o procedimento para responder aos Tíquetes de Trabalho em seu rádio.

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Tíquetes de Trabalho.

Pressione  para selecionar.

3

Pressione ▲ ou ▼ para a pasta necessária.

Pressione  para selecionar.

4

Pressione ▲ ou ▼ para o tíquete de trabalho necessário. Pressione  para selecionar.

5

Pressione  mais uma vez para acessar o submenu.

Você também pode pressionar a tecla numérica correspondente (1 a 9) para **Resp. Rápida**.

6

Pressione ▲ ou ▼ para o tíquete de trabalho

necessário. Pressione  para selecionar.

O visor exibirá mininotas passageiras, indicando que a solicitação está em andamento.

7

Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor exibirá uma mininota negativa.



## 7.6.3.7

**Excluir Tiquetes de Tarefa**

Siga o procedimento para excluir tiquetes de trabalho no rádio.

1 Execute uma das seguintes opções:

- Pressione o botão programado **Tiquete de Tarefa**. Vá para [etapa 4](#)

- Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Tiquetes de Trabalho.

Pressione  para selecionar.

3 Pressione ▲ ou ▼ para a pasta necessária.

Pressione  para selecionar.

4 Pressione ▲ ou ▼ para a pasta Todos. Pressione

 para selecionar.

5 Pressione ▲ ou ▼ para o Tiquete de Trabalho

necessário. Pressione  para selecionar.

6

Pressione  novamente ao visualizar o Tiquete de Trabalho.

7

Pressione ▲ ou ▼ para Excluir. Pressione  para selecionar.

O visor exibirá mininotas passageiras, indicando que a solicitação está em andamento.

8 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor exibirá uma mininota negativa.

## 7.6.3.8

## Excluir Todos os Tíquetes de Tarefa

Siga o procedimento para excluir todos os tíquetes de trabalho no rádio.

1 Execute uma das seguintes opções:

- Pressione o botão programado **Tíquete de Tarefa**. Vá para [etapa 3](#).
- Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Tíquetes de Trabalho.

Pressione  para selecionar.

3 Pressione ▲ ou ▼ para a pasta necessária.

Pressione  para selecionar.

4 Pressione ▲ ou ▼ para a pasta Todos. Pressione

 para selecionar.

5 Pressione ▲ ou ▼ para Excluir Tudo.

Pressione  para selecionar.

6 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Sim. Pressione  para selecionar.  
O visor mostra uma mininota positiva.
- Pressione ▲ ou ▼ para Não. Pressione  para selecionar.  
O rádio retorna à tela anterior.

## 7.6.4

## Controles de vários sites



Seu rádio consegue pesquisar e alternar sites quando o sinal está fraco ou o rádio não consegue detectar qualquer sinal do site atual.

Se o sinal for forte, o rádio permanecerá no site atual.

Esta configuração aplica-se quando o canal de rádio atual faz parte de uma configuração IP Site Connect ou Capacity Plus–Multi-Site.

O rádio poderá realizar qualquer uma das seguintes pesquisas de site:

- Pesquisa automática de site
- Pesquisa de site

Se o canal atual é um canal de vários sites com uma lista de roaming anexada e está fora de alcance, e o site está desbloqueado, o rádio também executa uma pesquisa automática de site.

#### 7.6.4.1

### Ativar pesquisa manual de site

1 Execute uma das seguintes ações:

- Pressione o botão programado **Roaming de Site Manual**. Pule as etapas a seguir.
- Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Roaming de site. Pressione  para selecionar.

---

5 Pressione ▲ ou ▼ para Pesquisa ativa. Pressione  para selecionar.

Um tom é emitido. O LED verde pisca. O monitor exibe Localizando Site.

---

Se o rádio encontra um site novo, seu rádio mostra as seguintes indicações:

- Um tom positivo é emitido.
- O LED apaga-se.
- O monitor exibe Alias do Site Encontrado.

Se o rádio não conseguir encontrar um novo site, o seu rádio mostra as seguintes indicações:

- Um tom negativo é emitido.
- O LED apaga-se.
- O monitor exibe *Fora de Alcance*.

Se um site novo estiver dentro do alcance, mas se o rádio não conseguir se conectar a ele, o rádio mostrará as seguintes indicações:

- Um tom negativo é emitido.
- O LED será desligado.
- O monitor exibe *Canal Ocupado*.

#### 7.6.4.2

### Ativar/Desativar Bloqueio de Site

Quando ativado, o rádio pesquisa apenas o site atual. Quando desativado, o rádio pesquisa outros sites além do site atual.

Pressione o botão programado **Bloq. do Site**.

Se a função **Bloqueio de Site** estiver ativada:

- Será emitido um tom indicador positivo, indicando que o rádio bloqueou o site atual.

- O monitor exibe *Site bloqueado*.

Se a função **Bloqueio de Site** estiver desativada:

- Será emitido um tom indicador negativo, indicando que o rádio está desbloqueado.
- O monitor exibe *Site desbloqueado*.

#### 7.6.5

### Configuração de Entrada de Texto

O rádio permite que você configure textos diferentes.

Você pode definir as seguintes configurações para a entrada do texto no seu rádio:

- Predição de Palavras
- Palavra Correta
- Maiúscula
- Minhas Palavras

O seu rádio é compatível com os seguintes métodos de entrada de texto:

- Números

- Símbolos
- Previsível ou Multitoque
- Idioma (se programado)



### OBSERVAÇÃO:

Pressione  a qualquer momento para retornar à tela anterior ou mantenha pressionado  para retornar à tela Início. O rádio sai da tela atual assim que o temporizador de inatividade expira.

#### 7.6.5.1

### Predição de Palavras

O rádio pode aprender sequências de palavras comuns que você usa frequentemente. Em seguida, ele prevê a palavra seguinte que você pode querer usar depois de inserir a primeira palavra de uma sequência de palavras comuns no editor de texto.

1

Pressione  para acessar o menu.

2 Pressione  ou  para Utilitários. Pressione  para selecionar.

3 Pressione  ou  para Configurações do rádio. Pressione  para selecionar.

4 Pressione  ou  para Texto. Pressione  para selecionar.

5 Pressione  ou  para desabilitar a Predição de Palavras. Pressione  para selecionar.

6 Execute uma das seguintes opções:

- Pressione  para habilitar a Predição de Palavras. Se ativado,  será exibido ao lado de Ativado.
- Pressione  para desabilitar o Controle de Distorção Dinâmica do Microfone. Se desativado, o  desaparece do lado de Ativado.

## 7.6.5.2

**Maiúscula**

Essa função é usada para ativar automaticamente a capitalização da primeira letra de cada primeira palavra em cada nova frase.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para entrada de Texto. Pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para Maiúscula. Pressione  para selecionar.

---

6 Execute uma das seguintes opções:

- Pressione  para ativar Maiúscula. Se ativado, ✓ será exibido ao lado de Ativado.
  - Pressione  para desativar Maiúscula. Se desativado, o ✓ desaparece do lado de Ativado.
- 

## 7.6.5.3

**Visualizar Palavras Personalizadas**

Você pode adicionar suas palavras personalizadas ao dicionário integrado do rádio. O rádio mantém uma lista dessas palavras.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.
- 4 Pressione ▲ ou ▼ para entrada de Texto. Pressione  para selecionar.
- 5 Pressione ▲ ou ▼ para Minhas Palavras. Pressione  para selecionar.
- 6 Pressione ▲ ou ▼ para Lista de Palavras. Pressione  para selecionar.  
O visor exibe a lista de palavras personalizadas.

#### 7.6.5.4

### Editar Palavras Personalizadas

Você poderá editar as palavras personalizadas salvas no rádio.

- 1 Pressione  para acessar o menu.
- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.
- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.
- 4 Pressione ▲ ou ▼ para Texto. Pressione  para selecionar.
- 5 Pressione ▲ ou ▼ para Minhas Palavras. Pressione  para selecionar.
- 6 Pressione ▲ ou ▼ para Lista de Palavras. Pressione  para selecionar.  
O monitor exibe a lista de palavras personalizadas.

7 Pressione ▲ ou ▼ para a palavra necessária.

Pressione  para selecionar.

---

8

Pressione ▲ ou ▼ para Editar. Pressione  para selecionar.

---

9 Use o teclado para editar as palavras personalizadas.

- Pressione ◀ para mover um espaço para a esquerda.
  - Pressione a tecla ▶ para mover um espaço à direita.
  - Pressione a tecla  para excluir caracteres indesejados.
  - Mantenha  pressionado para alterar o método de entrada de texto.
- 

10

Pressione  uma vez depois que sua palavra personalizada estiver completa.

---

O monitor exibe uma mininota passageira, confirmando que sua palavra está sendo salva.

- Se a palavra personalizada for salva, um tom será emitido, e o monitor exibirá uma mininota positiva.
- Se a palavra personalizada não for salva, um tom baixo será emitido e o visor exibirá uma mininota negativa.

#### 7.6.5.5

### Adicionar Palavras Personalizadas

Você pode personalizar palavras no dicionário integrado do rádio.

1

Pressione  para acessar o menu.

---

2

Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---



3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

4 Pressione ▲ ou ▼ para Entrada de texto. Pressione  para selecionar.

5 Pressione ▲ ou ▼ para Minhas Palavras. Pressione  para selecionar.

6 Pressione ▲ ou ▼ para Nova Palavra. Pressione  para selecionar. O monitor exibe a lista de palavras personalizadas.

7 Use o teclado para editar as palavras personalizadas.

- Pressione ◀ para mover um espaço para a esquerda.
- Pressione a tecla ▶ para mover um espaço à direita.

- Pressione a tecla  para excluir caracteres indesejados.
- Mantenha  pressionado para alterar o método de entrada de texto.

8 Pressione  uma vez depois que sua palavra personalizada estiver completa.

O monitor exibe uma mininota passageira, confirmando que sua palavra está sendo salva.

- Se a palavra personalizada for salva, um tom será emitido e o visor exibirá uma mininota positiva.
- Se a palavra personalizada não for salva, um tom baixo será emitido e o visor exibirá uma mininota negativa.

#### 7.6.5.6

### Excluir uma Palavra Personalizada

Você poderá excluir as palavras personalizadas salvas no rádio.

1 Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Entrada de texto. Pressione  para selecionar.

---

5 Pressione ▲ ou ▼ para Minhas Palavras. Pressione  para selecionar.

---

6 Pressione ▲ ou ▼ para a palavra necessária. Pressione  para selecionar.

---

7 Pressione ▲ ou ▼ para Excluir. Pressione  para selecionar.

---

8 Escolha uma das seguintes opções:

- Em Excluir Entrada?, pressione  para selecionar Sim. O monitor exibe Entrada Excluída.

- Pressione ▲ ou ▼ para Não. Pressione  para retornar à tela anterior.

---

#### 7.6.5.7

### Excluir Todas as Palavras Personalizadas

Você pode excluir todas as palavras personalizadas do dicionário integrado do seu rádio.

1 Pressione  para acessar o menu.

---

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Entrada de texto.

Pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para Minhas Palavras.

Pressione  para selecionar.

- 6 Pressione ▲ ou ▼ para Excluir tudo.

Pressione  para selecionar.

- 7 Execute uma das seguintes opções:

- Em Excluir Entrada?, pressione  para selecionar Sim. O visor exibirá Entrada Excluída.
- Pressione ▲ ou ▼ para Não para retornar à tela anterior. Pressione  para selecionar.

## 7.6.6

## Modo Direto

Esse recurso permite continuar a comunicação quando o repetidor não está operando ou quando o rádio está fora do alcance do repetidor, mas dentro do alcance de conversa de outros rádios.

A configuração do modo direto é armazenada mesmo depois de o rádio ser desligado.



### OBSERVAÇÃO:

Esse recurso não é aplicável para Capacity Plus – Site Único, Capacity Plus – Multi-Site e canais de Banda Civil que estejam na mesma frequência.

## 7.6.6.1

## Como Alternar entre os Modos Direto e Repetidor

Siga o procedimento para alternar entre os modos Direto e Repetidor do rádio.

- Execute uma das seguintes opções:

- Pressione o botão programado **Repetidor/ Talkaround**. Pule as etapas a seguir.

- Pressione  para acessar o menu.

- 
- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

- 
- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

- 
- 4 Pressione ▲ ou ▼ para Modo Direto. Pressione  para selecionar.

Se ativado, ✓ será exibido ao lado de Ativado.

Se desativado, o ✓ desaparece do lado de Ativado.

A tela voltará automaticamente para o menu anterior.

### 7.6.7

## Recurso monitor

O recurso permite garantir que haja um canal livre antes de fazer a transmissão.



### OBSERVAÇÃO:

Esse recurso não é aplicável para Capacity Plus – Site Único e Capacity Plus – Multi-Site

### 7.6.7.1

## Monitorar Canais

Siga o procedimento para monitorar os canais.

- 1 Mantenha pressionado o botão programado **Monitor**.

O ícone **Monitor** é exibido no visor, e o LED acende em amarelo contínuo.

Se o canal estiver em uso:

- O visor mostrará o ícone do **visor**.
- Você ouvirá a atividade rádio ou o silêncio total.
- O LED amarelo acenderá.

Se o canal monitorado estiver disponível, você ouvirá um "ruído branco".

- 
- 2 Pressione o botão **PTT** para falar. Solte o botão **PTT** para ouvir.
-

#### 7.6.7.2

### Monitoramento permanente

Use a função Monitor permanente para monitorar constantemente a atividade de um canal selecionado.

#### 7.6.7.2.1

### Como Ligar ou Desligar o Monitor Permanente

Siga o procedimento para ativar ou desativar o Monitor Permanente no rádio.

Pressione o botão **Monitor Perm.** programado.

Quando o rádio entra no modo:

- Um tom de alerta é emitido.
- O LED amarelo acenderá.
- O monitor exibirá `Monitor Perm. Ativado` e o ícone **Monitor**.

Quando o rádio sai do modo:

- Um tom de alerta é emitido.
- O LED amarelo apagará.

- O visor mostrará `Monitor Permanente Desativado`.

#### 7.6.8

### Lembrete do Canal Inicial

Esse recurso oferece um lembrete quando o rádio não está definido para Canal inicial por um determinado período.

Se o recurso for ativado via CPS, quando o rádio não está definido para o canal inicial por um determinado período, ocorre periodicamente o seguinte:

- O tom de Lembrete do Canal inicial e anúncio são emitidos.
- A primeira linha do monitor exibirá `Canal`.
- A segunda linha exibirá `Não Inicial`.

Você pode responder ao lembrete por meio de uma das seguintes ações:

- Volte para o canal inicial.
- Silencie o lembrete temporariamente por meio do botão programável.
- Defina um novo canal inicial por meio do botão programável.

## 7.6.8.1

## Silenciar o Lembrete do Canal Inicial

Quando o som de Lembrete do Canal Inicial é emitido, você pode silenciar temporariamente o lembrete.

Pressione o botão programável **Silenciar lembrete do canal inicial**.

O visor mostra HCR bloqueado.

## 7.6.8.2

## Definir um Novo Canal Inicial

Quando ocorre o Lembrete do Canal Inicial, você pode definir um novo canal inicial.

- 1 Execute uma das seguintes opções:
  - Pressione o botão programável **Redefinir Canal Inicial** para definir o canal atual como o novo Canal Inicial. Pule as etapas a seguir. A primeira linha do visor mostra o alias do canal e a segunda linha mostra Novo Canal Inicial
  - Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Canal Inicial. Pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para o alias desejado do novo canal inicial. Pressione  para selecionar. O monitor mostra ✓ ao lado do alias do canal inicial.

## 7.6.9

## Verificação do rádio

Essa função permite determinar se outro rádio está ativo em um sistema, sem incomodar o usuário do rádio. Nenhuma notificação visual ou audível é mostrada no rádio de destino. Esse recurso é aplicável somente para nomes

ou IDs de rádio. O rádio deverá ser programado para permitir que você use essa função.

#### 7.6.9.1

### Enviar Verificações de Rádio

Siga o procedimento para enviar verificações de rádio.

1 Pressione o botão programado **Verificar Rádio**.

2 Pressione  ou  para o alias ou ID do rádio,

conforme solicitado. Pressione  para selecionar.

O visor exibirá mininotas passageiras, indicando que a solicitação está em andamento. O LED verde acende.

Aguarde a confirmação.

Se você pressionar  quando o rádio estiver aguardando confirmação, um tom é emitido, o rádio finaliza todas as tentativas e sai do modo de Verificação de Rádio.

Se bem-sucedida:

- Um tom indicador positivo é emitido.

- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor exibirá uma mininota negativa.

O rádio retornará para a tela de alias ou ID do rádio.

#### 7.6.10

### Monitor Remoto

Esse recurso é usado para ligar o microfone de um rádio de destino com um alias ou ID de rádio. Você pode usar esta função para monitorar, remotamente, qualquer atividade audível ao redor do rádio de destino.

Existem dois tipos de Monitoramento Remoto:

- Monitor Remoto sem Autenticação
- Monitor Remoto com Autenticação.

O Monitor Remoto Autenticado é um recurso que pode ser adquirido. Em Monitor Remoto Autenticado, a verificação é necessária quando o rádio liga o microfone de um rádio de destino.

Quando o rádio inicia essa função em um rádio de destino com Autenticação do Usuário, uma frase de senha é

obrigatória. A senha é pré-programada no rádio de destino pelo CPS.

O seu rádio e o rádio de destino deverão ser programados para permitir que você use essa função.

Esse recurso é interrompido após uma duração programada ou quando há operação do usuário no rádio de destino.

#### 7.6.10.1

### Iniciar o Monitor Remoto

Siga o procedimento para iniciar o Monitor Remoto do rádio.

**1** Pressione o botão programado **Monitor Remoto**.

**2** Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado.

**3** Pressione  para selecionar. Um dos seguintes cenários irá acontecer:

- O visor exibirá mininotas passageiras, indicando que a solicitação está em andamento. O LED verde acende.

- Uma tela de frase de senha será exibida.

Digite a frase de senha. Pressione  para continuar.

- Se a frase de senha estiver correta, o visor exibirá uma mininota passageira, indicando que a solicitação está em andamento. O LED verde acende.
- Se a frase de senha estiver incorreta, o visor mostrará mininotas negativas e retornará à tela anterior.

#### 4 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.
- O rádio começará a tocar o áudio do rádio monitorado por uma duração programada e o monitor exibirá Monitor Rmt. Quando o temporizador expira, o rádio emite um tom de alerta e o LED apaga.

Se malsucedida:

- Um tom indicador negativo é emitido.



- O visor exibirá uma mininota negativa.

### 7.6.10.2

## Iniciar Monitor Remoto Usando a Lista de Contatos

Siga o procedimento para iniciar o Monitor Remoto no rádio usando a lista de Contatos.

- 1 Pressione  para acessar o menu.
- 2 Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.
- 3 Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar.
- 4 Pressione ▲ ou ▼ para Monitor Remoto.

5

Pressione  para selecionar. Um dos seguintes cenários irá acontecer:

- O visor exibirá mininotas passageiras, indicando que a solicitação está em andamento. O LED verde acende.
- Uma tela de frase de senha será exibida.

Digite a frase de senha. Pressione  para continuar.

- Se a frase de senha estiver correta, o visor exibirá uma mininota passageira, indicando que a solicitação está em andamento. O LED verde acende.
- Se a frase de senha estiver incorreta, o visor mostrará mininotas negativas e retornará à tela anterior.

6 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

- O rádio começará a tocar o áudio do rádio monitorado por uma duração programada e o monitor exibirá Monitor Rmt. Quando o temporizador expira, o rádio emite um tom de alerta, e o LED apaga.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor exibirá uma mininota negativa.

### 7.6.10.3

## Iniciar Monitor Remoto Usando a Discagem Manual

Siga o procedimento para iniciar o Monitor Remoto no rádio usando a discagem manual.

- 1 Pressione  para acessar o menu.
- 2 Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Discagem Manual.

Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Número do Rádio.

Pressione  para selecionar.

- 5 Execute uma das seguintes opções:

- Digite o alias ou ID do rádio e pressione  para continuar.
- Edite o ID do rádio anteriormente digitada e pressione  para continuar.

- 6 Pressione ▲ ou ▼ para Monitor Remoto.

- 7 Pressione  para selecionar. Um dos seguintes cenários irá acontecer:

- O visor exibirá mininotas passageiras, indicando que a solicitação está em andamento. O LED verde acende.

- Uma tela de frase de senha será exibida.

Digite a frase de senha. Pressione  para continuar.

- Se a frase de senha estiver correta, o visor exibirá uma mininota passageira, indicando que a solicitação está em andamento. O LED verde acende.
- Se a frase de senha estiver incorreta, o visor mostrará mininotas negativas e retornará à tela anterior.

## 8 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.
- O rádio começará a tocar o áudio do rádio monitorado por uma duração programada e o monitor exibirá Monitor Rmt. Quando o temporizador expira, o rádio emite um tom de alerta, e o LED apaga.

Se malsucedida:

- Um tom indicador negativo é emitido.

- O visor exibirá uma mininota negativa.

### 7.6.11

## Listas de Varreduras

As listas de varredura podem ser criadas e atribuídas a grupos/canais individuais. O rádio buscará atividade de voz, percorrendo toda a sequência de canal/grupo especificada na lista de varredura atual.

O rádio oferece suporte a, no máximo, 250 listas de varredura, com um máximo de 16 membros em uma lista.

Cada lista de varredura oferece suporte a uma mistura de entradas analógicas e digitais.

Você pode adicionar, excluir ou priorizar canais editando uma lista de varredura.

Você pode conectar uma nova lista de varredura ao rádio por meio da Programação do Painel Frontal. Consulte [Programação do Painel Frontal na página 226](#) para obter mais informações.

O ícone **Prioridade** aparece à esquerda do alias do membro, se configurado, para indicar se o membro está na lista do canal de Prioridade 1 ou Prioridade 2. Você não pode ter vários canais Prioridade 1 ou Prioridade 2 em

uma lista de varredura. Não existe um ícone de **Prioridade** definido como **Nenhum**.



#### **OBSERVAÇÃO:**

Este recurso não é aplicável para Capacity Plus.

#### 7.6.11.1

### Exibir Entradas na Lista de Varredura

Siga o procedimento para visualizar as entradas na lista de varredura no rádio.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Varredura. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Lista de Varredura. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para visualizar cada membro na lista.

---

#### 7.6.11.2

### Visualizar Entradas na Lista de Varredura Usando a Pesquisa de Alias

Siga o procedimento para visualizar as entradas na lista de varredura usando a pesquisa de alias no seu rádio.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Varredura. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Lista de Varredura. Pressione  para selecionar.

---

- 4 Digite o primeiro caractere do alias solicitado. O visor mostrará um cursor intermitente.

---

- 5 Insira o restante dos caracteres do alias desejado. A pesquisa de alias não diferencia maiúsculas e minúsculas. Se houver duas ou mais entradas com

o mesmo nome, o visor exibirá a primeira entrada da lista.

A primeira linha de texto exibirá os caracteres digitados. O texto seguinte exibirá os resultados da pesquisa.

### 7.6.11.3

## Adicionar Novas Entradas à Lista de Varredura

Siga o procedimento para adicionar entradas à lista de varredura no rádio.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Varredura. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Lista de Varredura. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Adicionar Membro.

Pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar.

- 6 Pressione ▲ ou ▼ para o nível de prioridade solicitado. Pressione  para selecionar.  
O monitor exibirá uma mininota positiva e, em seguida, Adicionar Outro?.

- 7 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Sim para adicionar outra entrada. Pressione  para selecionar. Repita [etapa 5](#) e [etapa 6](#).
- Pressione ▲ ou ▼ para Não para salvar a lista atual. Pressione  para selecionar.

## 7.6.11.4

**Excluir Entradas da Lista de Varredura**

Siga o procedimento para excluir entradas da lista de Varredura.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Varredura. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Lista de Varredura. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para Excluir. Pressione  para selecionar.  
O monitor exibirá Excluir Entrada?.

---

- 6 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Sim para excluir a entrada. Pressione  para selecionar. O visor mostra uma mininota positiva.
  - Pressione ▲ ou ▼ para Não para retornar à tela anterior. Pressione  para selecionar.
- 

- 7 Repita da [etapa 4](#) à [etapa 6](#) para excluir outras entradas.
- 

- 8 Pressione  para retornar à tela Inicial após a exclusão de todos os aliases ou IDs que você deseja excluir.
- 

## 7.6.11.5

**Configurar Prioridade para Entradas na Lista de Varredura**

Siga o procedimento para configurar prioridades para as entradas na lista de Varredura no rádio.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Varredura. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Lista de Varredura. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para Editar Prioridade. Pressione  para selecionar.

---

- 6 Pressione ▲ ou ▼ para o nível de prioridade solicitado. Pressione  para selecionar.  
O visor exibirá uma mininota positiva antes de retornar para a tela anterior. O ícone **Prioridade** será exibido à esquerda do alias do membro.

## 7.6.12

### Varredura

Ao iniciar uma varredura, o rádio percorrerá a lista de varredura programada para o canal atual buscando atividade de voz.



#### OBSERVAÇÃO:

Este recurso não é aplicável para Capacity Plus.

Durante uma varredura de modo duplo, se você estiver em um canal digital e o rádio ficar bloqueado em um canal analógico, ele passará automaticamente do modo digital para o analógico durante o curso da chamada. Isso também se aplica à situação contrária.

Há duas maneiras de se iniciar uma varredura:

#### Varredura de Canal Principal (Manual)

O rádio percorre todos os canais/grupos na sua lista de varredura. Ao entrar na varredura, o rádio, dependendo das configurações, poderá iniciar automaticamente no último canal/grupo ativo verificado na última vez ou no canal onde a varredura foi iniciada.

### Varredura Automática (Automática)

O rádio inicia automaticamente a varredura quando você seleciona um canal/grupo com Varredura Automática habilitada.



#### OBSERVAÇÃO:

Ao configurar **Receber Mensagem em Grupo na Varredura**, o rádio poderá receber mensagens de grupo de canais não iniciais. Seu rádio é capaz de responder a mensagens de grupo no canal inicial, mas não em canais não iniciais. Obtenha mais informações com seu revendedor ou administrador do sistema.

#### 7.6.12.1

### Ativar ou Desativar a Varredura

Siga o procedimento para ativar ou desativar a varredura no rádio.



#### OBSERVAÇÃO:

Na varredura, o rádio apenas aceitará dados (por exemplo, mensagem de texto, local ou dados de PC) se foram recebidos no Canal Selecionado.

- 1 Gire o **Botão Seletor de Canal** para selecionar um canal programado com uma lista de varredura.

2

Pressione  para acessar o menu.

3

Pressione ▲ ou ▼ para Varredura. Pressione  para selecionar.

4

Pressione ▲ ou ▼ para Estado de Varredura. Pressione  para selecionar.

5

Pressione ▲ ou ▼ para o estado de varredura necessário e pressione  para selecionar.

Se a varredura estiver ativada:

- O monitor exibirá o ícone Varredura Ativada e **Varredura**.
- O LED amarelo pisca.

Se a varredura estiver desativada:

- O monitor exibirá Varredura Desativada.
- O ícone **Varredura** desaparecerá.
- O LED será desligado.



### 7.6.12.2

## Responder a Transmissões Durante a Varredura

Durante a varredura, o rádio para em um canal/grupo em que a atividade é detectada. O rádio permanece nesse canal por um período programado conhecido como tempo de desconexão. Siga o procedimento para responder a transmissões durante a varredura.

- 1  Se a função Indicador de canal disponível estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você responder. Pressione o botão **PTT** durante o tempo de desconexão.

O LED verde acende.

- 
- 2 Execute uma das seguintes opções:

- Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
  -  Espere que o Sinal do **PTT** se encerre e fale claramente ao microfone, se habilitado.
- 

- 3 Solte o botão **PTT** para escutar.

O rádio retorna à varredura de outros canais ou grupos se você não responder dentro do tempo de desconexão.

---

### 7.6.12.3

## Excluir Canais Indesejados

Se um canal gerar constantemente chamadas indesejadas ou ruído (chamado canal “indesejado”), você poderá remover o canal indesejado da lista de varredura. Esse recurso não se aplica aos canais designados como o Canal Selecionado. Siga o procedimento para excluir canais indesejados no rádio.

- 1 Quando o rádio estiver travado em um canal indesejado ou ocorrência, pressione o botão programado **Exclusão de Canal de Ocorrência** até ouvir um tom.
- 

- 2 Solte o botão programado **Exclusão de Canal de Ocorrência**.

O canal indesejado é excluído.

---

## 7.6.12.4

## Restaurar Canais Indesejados

Siga o procedimento para restaurar canais indesejados no rádio.

Execute uma das seguintes opções:

- Desligue o rádio e ligue-o novamente.
- Interrompa e reinicie uma varredura por meio do botão ou menu **Varredura**.
- Altere o canal usando o **Botão Seletor de Canal**.

## 7.6.13

## Varredura de Ponderação



A Varredura de Seleção fornece uma cobertura ampla em áreas nas quais há várias estações base transmitindo informações idênticas em diferentes canais analógicos.

O rádio percorre canais analógicos de várias estações base e executa um processo de votação para selecionar o sinal recebido mais forte. Depois que esse processo é realizado, o rádio recebe transmissões dessa estação base.

Durante uma varredura de ponderação, o LED amarelo piscará e o monitor exibirá o ícone **Varredura de Ponderação**.

Para responder a uma transmissão durante uma varredura de voto, consulte [Responder a Transmissões Durante a Varredura na página 512](#).

## 7.6.14

## Configurações de Contatos

Contatos fornece recursos de agenda ao seu rádio. Cada entrada corresponde a um nome ou ID usado para iniciar uma chamada. As entradas estão em ordem alfabética.

Cada entrada, dependendo do contexto, é associada a um tipo de chamada diferente: Group Call, Chamada Privativa, All Call, Chamada de PC ou Chamada de Despacho.

Chamada de PC e Chamada de Despacho são relacionadas a dados. Elas estão disponíveis apenas com os aplicativos. Consulte a documentação dos aplicativos de dados para obter mais detalhes.

🔊 Além disso, o menu Contatos permite atribuir cada entrada a uma ou mais teclas numéricas programáveis em um microfone de teclado. Se uma entrada for atribuída a

uma tecla numérica, o rádio poderá executar uma discagem rápida na entrada.


**OBSERVAÇÃO:**

Você verá uma marca de seleção antes de cada tecla numérica que está atribuída a uma entrada. Se a marca de seleção for antes de Vazio, você não atribuiu uma tecla numérica à entrada.

Cada entrada dos Contatos exibe as seguintes informações:

- Tipo de chamada
- Nome da Chamada
- ID de chamada


**OBSERVAÇÃO:**

Se a função Privacidade estiver habilitada em um canal, você poderá fazer Group Calls, Chamadas Privadas e Chamadas para Todos com privacidade no canal. Apenas rádios de destino com a mesma Chave de Privacidade ou o mesmo Valor de Chave e ID de Chave que o rádio transmissor poderão descriptografar a transmissão.

7.6.14.1

## Adicionar Novos Contatos

Siga o procedimento para adicionar novos contatos no rádio.

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.

3

Pressione ▲ ou ▼ para Novo Contato. Pressione  para selecionar.

4

Pressione ▲ ou ▼ para o tipo de contato Contato rádio ou Contato telef. Pressione  para selecionar.

5

Insira o telefone de contato com o teclado e pressione  para continuar.

- 6 Insira o nome do contato com o teclado e pressione

 para continuar.

---

- 7 Pressione ▲ ou ▼ para o tipo de toque

pretendido. Pressione  para selecionar.

Um tom indicador positivo é emitido. O visor mostra uma mininota positiva.

---

- 3 Pressione ▲ ou ▼ para o alias ou ID do rádio,

conforme solicitado. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Definir como Padrão.

Pressione  para selecionar.

Um tom indicador positivo é emitido. O visor mostra uma mininota positiva. O visor exibirá ✓ ao lado do alias ou ID padrão selecionado.

---

#### 7.6.14.2

### Configurar Contato Padrão

Siga o procedimento para configurar o contato padrão no rádio.

- 1 Pressione  para acessar o menu.
- 

- 2 Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.
- 

#### 7.6.14.3

### Atribuir Entradas para Teclas Numéricas Programáveis

- 1 Pressione  para acessar o menu.
- 

- 2 Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.
-

3 Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar.

4 Pressione ▲ ou ▼ para Tecla do Programa. Pressione  para selecionar.

5 Execute uma das seguintes opções:

- Se a tecla numérica desejada não tiver sido atribuída a uma entrada, pressione ▲ ou ▼ para a tecla numérica desejada. Pressione  para selecionar.
- Se a tecla numérica desejada tiver sido atribuída a uma entrada, o monitor exibirá A Tecla já foi Designada e, em seguida, a primeira linha de texto exibirá Substituir?. Execute uma das seguintes opções:

Pressione ▲ ou ▼ para Sim. Pressione  para selecionar.

O rádio emitirá um tom indicador positivo e o monitor exibirá Contato Salvo e uma mininota positiva.

Pressione ▲ ou ▼ para Não para retornar à etapa anterior.

#### 7.6.14.4

### Remover Associações entre Entradas e Teclas Numéricas Programáveis

1 Execute uma das seguintes opções:

- Pressione e mantenha pressionado a tecla numérica programada para o alias ou ID de rádio necessário. Vá para [etapa 4](#).
- Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.

3 Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Tecla do Programa.

Pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para Vazio. Pressione  para selecionar.

A primeira linha de texto exibirá Livre de todas as teclas.

- 6 Pressione ▲ ou ▼ para Sim. Pressione  para selecionar.



#### **OBSERVAÇÃO:**

Quando a entrada é excluída, a associação entre a entrada e sua tecla numérica programada é removida.

Um tom indicador positivo é emitido. O visor mostra Contato Salvo.

A tela volta automaticamente para o menu anterior.

## Configurações de Indicador de Chamadas

Esse recurso permite configurar os tons de toques de ligações ou de mensagens de texto.

### 7.6.15.1

## Ativar ou Desativar Campanhas para Alertas de Chamada

- 1 Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Tons/Alertas. Pressione  para selecionar.

5 Pressione ▲ ou ▼ para Campanhas de Chamada. Pressione  para selecionar.

6 Pressione ▲ ou ▼ para Alerta Cham.. Pressione  para selecionar.

7 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para o tom necessário.

Pressione  para selecionar.

O visor exibirá ✓ e o tom selecionado.

- Pressione ▲ ou ▼ para Desligar. Pressione  para selecionar.

Se os tons da campanha foram anteriormente ativados, o visor exibirá ✓ ao lado de Desligado.

Se os tons da campanha foram anteriormente desativados, o visor exibirá ✓ ao lado de Desligado.

## Ativar ou Desativar Campanhas para Chamadas Privadas

Siga o procedimento para ativar ou desativar campanhas de chamada para Chamadas Privadas no rádio.

1 Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

4 Pressione ▲ ou ▼ para Tons/Alertas. Pressione  para selecionar.

5 Pressione ▲ ou ▼ para Campanhas de Chamada. Pressione  para selecionar.

- 6 Pressione ▲ ou ▼ para Chamada Privada.

Pressione  para selecionar.

O visor exibirá ✓ ao lado de Ligado se os tons de campanha de Chamada Privada estiverem habilitados.

O visor exibirá ✓ ao lado de Desligado se os tons de campanha de Chamada Privada estiverem desabilitados.

- 7 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para o tom necessário.

Pressione  para selecionar.

O visor exibirá ✓ e o tom selecionado.

- Pressione ▲ ou ▼ para Desligar. Pressione

 para selecionar.

Se os tons da campanha foram anteriormente ativados, o visor exibirá ✓ ao lado de Desligado.

Se os tons da campanha foram anteriormente desativados, o visor exibirá ✓ ao lado de Desligado.

### 7.6.15.3

## Ativar ou Desativar Campanhas para Chamadas Seletivas

Siga o procedimento para ativar ou desativar campanhas de chamada para Chamadas Seletivas no rádio.

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

3

Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

4

Pressione ▲ ou ▼ para Tons/Alertas. Pressione  para selecionar.

5

Pressione ▲ ou ▼ para Campanhas de Chamada. Pressione  para selecionar.



- 6 Pressione ▲ ou ▼ para Chamada Seletiva.

Pressione  para selecionar.

O monitor exibirá ✓ e o tom atual.

- 7 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para o tom necessário.

Pressione  para selecionar.  
O visor exibirá ✓ e o tom selecionado.

- Pressione ▲ ou ▼ para Desligar. Pressione

 para selecionar.

Se os tons da campanha foram anteriormente ativados, o visor exibirá ✓ ao lado de Desligado.

Se os tons da campanha foram anteriormente desativados, o visor exibirá ✓ ao lado de Desligado.

#### 7.6.15.4

## Ativar ou Desativar Campanhas para Mensagens de Texto

Siga o procedimento para ativar ou desativar campanhas de chamada para mensagens de texto no rádio.

- 1 Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Tons/Alertas. Pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para Campanhas de Chamada. Pressione  para selecionar.

- 6 Pressione ▲ ou ▼ para Mensagem de Texto.

Pressione  para selecionar.

O monitor exibirá ✓ e o tom atual.

- 7 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para o tom necessário.

Pressione  para selecionar.

O visor exibirá ✓ e o tom selecionado.

- Pressione ▲ ou ▼ para Desligar. Pressione

 para selecionar.

Se os tons da campanha foram anteriormente ativados, o visor exibirá ✓ ao lado de Desligado.

Se os tons da campanha foram anteriormente desativados, o visor exibirá ✓ ao lado de Desligado.

## Ativar ou Desativar Campanhas para o Status Telemetria com Texto

Siga o procedimento para ativar ou desativar campanhas de chamada para status de telemetria com texto no rádio.

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Utilitários. Pressione

 para selecionar.

3

Pressione ▲ ou ▼ para Configurações de

Rádio. Pressione  para selecionar.

4

Pressione ▲ ou ▼ para Tons/Alertas.

Pressione  para selecionar.

5

Pressione ▲ ou ▼ para Campanhas de

Chamada. Pressione  para selecionar.

- 6 Pressione ▲ ou ▼ para Telemetria. Pressione



para selecionar.

O tom atual é indicado por um ✓.

- 7 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para o tom desejado.



Pressione para selecionar.

O visor exibe Tom <Número> Selecionado e um ✓ é exibido à esquerda do tom selecionado.

- Pressione ▲ ou ▼ para Desativar. Pressione



para selecionar.

O visor exibe Telemetria Desativada e um ✓ é exibido à esquerda de Desativar.

contato específico. O rádio toca cada estilo de toque conforme você navega pela lista.

1



Pressione para acessar o menu.

2

Pressione ▲ ou ▼ para Contatos. Pressione



para selecionar.

As entradas estão em ordem alfabética.

3

Pressione ▲ ou ▼ para o alias ou ID do rádio,

conforme solicitado. Pressione  para selecionar.

4

Pressione ▲ ou ▼ para Exibir/Editar.



Pressione para selecionar.

5



Pressione até que o visor exiba o menu de Toques

Um ✓ indica o tom atualmente selecionado.

#### 7.6.15.6

### Atribuir Estilos de Toque

O rádio pode ser programado para emitir um dos 11 toques predefinidos quando receber uma Chamada Privada, um Alerta de Chamada ou uma Mensagem de Texto de um

6 Pressione ▲ ou ▼ para o tom necessário.

Pressione  para selecionar.

O visor mostra uma mininota positiva.

#### 7.6.15.7

### Selecionar um Tipo de Toque de Alerta



#### OBSERVAÇÃO:

O botão programado **Tipo de Toque de Alerta** é atribuído pelo revendedor ou administrador do sistema. Verifique com seu fornecedor ou administrador do sistema como seu rádio foi programado.

Você pode programar as chamadas de rádio para uma chamada de vibração predeterminada. Se o status Todos os Tons estiver desabilitado, o rádio exibirá o ícone Todos os Tons Mudos. Se o status Todos os Tons estiver habilitado, o alerta do tipo campanha relacionado será exibido.

O rádio vibra uma vez se for um estilo de toque momentâneo. O rádio vibra repetidamente se for um estilo de toque repetitivo. Quando configurado para Tocar e Vibrar, o rádio toca uma determinada campanha sempre

que existe uma entrada de transação de rádio (por exemplo, Alerta de Chamada ou Mensagem). Ele soa como um tom indicador positivo ou de chamada perdida.

Para rádios com baterias que oferecem suporte para o recurso de vibração e que são fixados a um clipe vibratório de cinto, as opções de Tipo de Toque de Alerta são Silencioso, Tocar, Vibrar, Tocar e Vibrar.

Para rádios com baterias que não oferecem suporte para o recurso de vibração e que não são fixados a um clipe vibratório de cinto, o Tipo de Toque de Alerta é automaticamente definido como Tocar. As opções de Alerta de Tipo de Campanha disponíveis são Silencioso e Campanha.

Você pode selecionar um Tipo de Toque de Alerta ao realizar uma das ações a seguir.

- Pressione o botão programado **Alerta de Tipo de Campanha** para acessar o menu do Alerta de Tipo de Campanha.
  - a. Pressione ▲ ou ▼ para Tocar, Vibrar, Tocar e Vibrar ou Silencioso e pressione  para selecionar.
- Acesse este recurso por meio do menu.

- a. Pressione  para acessar o menu.
- b. Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.
- c. Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.
- d. Pressione ▲ ou ▼ para Tons/Alertas e pressione  para selecionar.
- e. Pressione ▲ ou ▼ para Tipo de Camp. e pressione  para selecionar.
- f. Pressione ▲ ou ▼ para Tocar, Vibrar, Tocar e Vibrar ou Silencioso e pressione  para selecionar.

## 7.6.15.8

## Configurar Estilo de Vibração



### OBSERVAÇÃO:

O botão programado **Estilo Vibração** é atribuído pelo revendedor ou administrador do sistema. Verifique com seu fornecedor ou administrador do sistema como seu rádio foi programado.

O Estilo de Vibração é ativado quando o Clipe Vibratório de Cinto é encaixado no rádio com uma bateria que oferece suporte para a função de vibração.

Você pode configurar o estilo de vibração realizando as ações a seguir.

- Pressione o botão programado **Estilo de Vibração** para acessar o menu Estilo de Vibração.
  - a. Pressione ▲ ou ▼ para Curto, Médio ou Longo e pressione  para selecionar.
- Acessa este recurso por meio do menu.
  - a. Pressione  para acessar o menu.
  - b. Pressione ▲ ou ▼ para Utilitários e pressione  para selecionar.

- c. Pressione ▲ ou ▼ para Conf. do Rádio e pressione  para selecionar.
- d. Pressione ▲ ou ▼ para Tons/Alertas e pressione  para selecionar.
- e. Pressione ▲ ou ▼ para Modo Vibração e pressione  para selecionar.
- f. Pressione ▲ ou ▼ para Curto, Médio ou Longo e pressione  para selecionar.

#### 7.6.15.9

### Aumentar Volume do Tom de Alarme

O rádio pode ser programado para alertá-lo continuamente enquanto uma chamada de rádio permanecer sem resposta. Isso é feito por meio do aumento automático do volume do tom de alarme com o tempo. Essa função é conhecida por Tom de Alerta Progressivo. Siga o procedimento para aumentar o tom de alerta do rádio.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Tons/Alertas. Pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para Tom de Alerta Progressivo.

---

- 6 Pressione  para ativar OU desativar o Tom de Alerta Progressivo. Se ativado, ✓ será exibido ao lado de Ativado. Se desativado, o ✓ desaparece do lado de Ativado.

---

## 7.6.16

## Recursos de Registro de Chamadas

O rádio mantém registro de todas as Chamadas Privativas recentes feitas, atendidas e perdidas. Use a função de registro de chamadas para exibir e gerenciar chamadas recentes.

Alertas de Chamada perdidas podem ser incluídos nos registros de chamadas, dependendo da configuração do sistema do rádio. Você pode executar as seguintes tarefas em cada uma das listas de chamada:

- Armazenar Alias ou ID em Contatos
- Excluir Chamada
- Exibir Detalhes

## 7.6.16.1

### Exibir as Últimas Chamadas

- 1 Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Registro de Chamadas.  
Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para a lista desejada. As opções são listas de Perdidas, Respondidas e Enviadas.

Pressione  para selecionar.

O visor exibe a entrada mais recente.

- 4 Pressione ▲ ou ▼ para exibir a lista.

Você pode iniciar uma chamada com o ID ou o alias atualmente mostrado no visor pressionando o botão **PTT**.

## 7.6.16.2

### Exibir Detalhes da Lista de Chamadas



Siga o procedimento para visualizar os detalhes de chamada de seu rádio.

- 1 Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Registro de Chamadas.

Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para a lista solicitada.

Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para o alias ou ID do rádio,  
conforme solicitado. Pressione  para selecionar.
- 

- 5 Pressione ▲ ou ▼ para Exibir Detalhes.

Pressione  para selecionar.

O monitor exibe os detalhes da chamada.

---

### 7.6.16.3

## Armazenar Aliases ou IDs da Lista de Chamadas

Siga o procedimento para armazenar aliases ou IDs do seu rádio da lista de chamadas.

- 1 Pressione  para acessar o menu.
- 

- 2 Pressione ▲ ou ▼ para Registro de Chamadas.

Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para a lista solicitada.

Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para o alias ou ID do rádio,  
conforme solicitado. Pressione  para selecionar.
- 

- 5 Pressione ▲ ou ▼ para Armazenar. Pressione  para selecionar.

O visor mostrará um cursor intermitente.

---

- 6 Insira o restante dos caracteres do alias necessário.

Pressione  para selecionar.



Você também pode armazenar um ID sem um alias.

O visor mostra uma mininota positiva.

#### 7.6.16.4

### Excluir Chamadas em uma Lista de Chamadas

Siga o procedimento para excluir chamadas da lista de Chamadas.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Registro de Chamadas.  
Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para a lista solicitada.  
Pressione  para selecionar.  
Se a lista estiver vazia:
  - Um tom é emitido.

- O visor exibirá Lista Vazia.

- 
- 4 Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar.

---

  - 5 Pressione ▲ ou ▼ para Excluir Entrada?.  
Pressione  para selecionar.

---

  - 6 Execute uma das seguintes opções:
    - Pressione  para selecionar Sim para excluir a entrada.  
O monitor exibe Entrada Excluída.
    - Pressione ▲ ou ▼ para Não. Pressione  para selecionar.  
O rádio retorna à tela anterior.
-

## 7.6.17

## Operação de Alerta de Chamada

A página Alerta de Chamada permite que você alerte um usuário de rádio específico para retornar sua chamada.

Esse recurso é aplicável apenas a aliases ou IDs de rádio e pode ser acessada pelo menu por meio de Contatos, discagem manual ou um botão programado **Acesso de Um Toque**.

## 7.6.17.1

### Responder a Alertas de Chamada

Ao receber um Alerta de chamada:

- Um tom repetitivo é emitido.
- O LED amarelo pisca.
- O visor exibirá a lista de notificações com um Alerta de Chamada com o alias ou ID do rádio transmissor.

Dependendo da configuração feita pelo revendedor ou o programador de sistema, você pode responder a um Alerta de Chamada com um dos seguintes procedimentos:

- Pressione o botão **PTT** e responda à Chamada Privativa diretamente para o chamador.
- Pressione o botão **PTT** para continuar com a comunicação normal com o grupo de conversação.  
O Alerta de Chamada é movido para o Registro de Chamadas Perdidas no menu de Registro de Chamadas. Você pode responder ao chamador pelo registro de Chamadas Perdidas.

---

Consulte [Lista de Notificações na página 223](#) e [Recursos de Registro de Chamadas na página 164](#) para obter mais informações.

## 7.6.17.2

### Criar Alertas de Chamada

Siga o procedimento para criar Alertas de Chamada no rádio.

- 1 Pressione o botão **Acesso com um toque** programado.

O visor mostra *Alerta de Chamada* e o alias ou a ID do rádio. O LED verde acende.

---

## 2 Aguarde a confirmação.

Se a confirmação de Alerta de Chamada for recebida, o visor exibirá uma mininota positiva.

Se a confirmação de Alerta de Chamada não for recebida, o visor exibirá uma mininota negativa.

### 7.6.17.3

## Criar Alertas de Chamada Usando a Lista de Contatos

1

Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Contatos. Pressione



para selecionar.

3 Execute uma das seguintes opções:

- Selecione o nome ou ID do rádio diretamente

Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar.

- Use o menu Discagem Manual

Pressione ▲ ou ▼ para Discagem Manual.

Pressione  para selecionar.

Pressione ▲ ou ▼ para Número do Rádio.

Pressione  para selecionar.

O monitor exibirá Número do Rádio: e um cursor intermitente. Digite o ID do rádio com

quem deseja falar. Pressione  para selecionar.

4 Pressione ▲ ou ▼ para Alerta Cham..

Pressione  para selecionar.

O visor exibirá Alerta de Chamada e o ID ou o alias do rádio. O LED verde acende.

## 5 Aguarde a confirmação.

- Se a confirmação for recebida, o visor exibirá uma mininota positiva.
- Se a confirmação não for recebida, o visor exibirá uma mininota negativa.

### 7.6.18

## Alias dinâmico do chamador

Este recurso permite editar um alias do chamador de forma dinâmica no painel frontal do rádio.

Quando estiver em uma chamada, o rádio receptor exibirá o alias do chamador do rádio transmissor.

A lista de aliases do chamador pode armazenar até 500 aliases do chamador do rádio transmissor. Você pode exibir ou fazer chamadas privadas pela lista de aliases do chamador. Quando você desliga o rádio, o histórico de aliases do chamador receptor é removido da lista de aliases do chamador.

### 7.6.18.1

## Editar o alias do chamador depois de ligar o rádio

### 1 Ligue o rádio.

### 2

Insira seu novo alias do chamador. Pressione  para continuar.

O visor mostra uma mininota positiva.



### **OBSERVAÇÃO:**

Quando estiver em uma chamada, o rádio receptor exibirá seu novo alias do chamador.

### 7.6.18.2

## Editar o alias do chamador no menu principal

### 1

Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Info do Rádio.  
Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Meu ID. Pressione  para selecionar.

- 5 Pressione  para continuar.

- 6 Pressione ▲ ou ▼ para Edita. Pressione  para selecionar.

- 7 Insira seu novo alias do chamador. Pressione  para selecionar.  
O visor mostra uma mininota positiva.



### OBSERVAÇÃO:

Quando estiver em uma chamada, o rádio receptor exibirá seu novo alias do chamador.

### 7.6.18.3

## Visualizar a lista Aliases do chamador

Você pode acessar a lista Aliases do chamador para visualizar os detalhes do alias do chamador transmissor.

- 1 Pressione  para acessar o menu.
- 2 Pressione ▲ ou ▼ para Aliases do chamador.  
Pressione  para selecionar.
- 3 Pressione ▲ ou ▼ para a lista desejada.  
Pressione  para selecionar.
- 4 Pressione ▲ ou ▼ para Exibir detalhes.  
Pressione  para selecionar.

## 7.6.18.4

## Iniciar uma chamada privada na lista de aliases do chamador

Você pode acessar a lista de aliases do chamador para iniciar uma chamada privada.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Aliases do chamador.  
Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para o <alias do chamador necessário>.

---

- 4 Para chamar, mantenha o botão **PTT** pressionado.

---

## 7.6.19

## Modo Silencioso

O Modo silencioso fornece uma opção para silenciar todos os indicadores de áudio em seu rádio.

Quando o recurso Modo silencioso é iniciado, todos os indicadores de áudio são silenciados, exceto os recursos de maior prioridade, como operações de emergência.

Quando o Modo silencioso é encerrado, o rádio continua reproduzindo tons e transmissões de áudio em andamento.



### IMPORTANTE:

Você só pode ativar com o rádio voltado para baixo ou Man Down um de cada vez. Os dois recursos não podem ser ativados simultaneamente.

Esse recurso se aplica somente ao DGP 5550e/DGP 8550e, DGP 5050e/DGP 8050e.

## 7.6.19.1

## Ligar o Modo Silencioso

Siga o procedimento para ligar o Modo Silencioso.

Execute uma das seguintes opções:

- Acesse esse recurso usando o botão programado **Modo Silencioso**.
- Acesse esse recurso colocando o rádio em uma posição voltada para baixo momentaneamente.

Dependendo do modelo do rádio, o recurso Voltado para Baixo pode ser ativado pelo menu do rádio ou

pelo administrador do sistema. Obtenha mais informações com seu revendedor ou administrador do sistema.



**IMPORTANTE:**

O usuário pode ativar somente ManDown ou Voltado para Baixo de cada vez. Os dois recursos não podem ser ativados simultaneamente.



**OBSERVAÇÃO:**

O recurso Voltado para Baixo é aplicável apenas para DGP 5550e/DGP 8550e .

Quando o Modo Silencioso está habilitado, ocorre o seguinte:

- Um Tom Indicador Positivo é emitido.
- O visor mostra **Modo Silencioso Ligado**.
- A luz vermelha do LED pisca e permanece piscando até sair do Modo Silencioso.
- O visor mostra o ícone **Modo Silencioso** na tela de início.
- O rádio é silenciado.

- O Timer do Modo Silencioso começa a fazer a contagem regressiva do período de tempo em que está configurado.

7.6.19.2

## Configuração do Timer do Modo Silencioso

A função Modo Silencioso pode ser habilitada por um período de tempo pré-configurado, configurando o Timer do Modo Silencioso. A duração do timer é configurada no menu do rádio e pode variar de 0,5 a 6 horas. Quando o timer expira, o Modo Silencioso é encerrado.

Se o timer for deixado em 0, o rádio permanecerá em Modo Silencioso por tempo indeterminado, até que o rádio seja movido para uma posição voltada para cima ou até que o botão programado **Modo Sem Som** seja pressionado.



**OBSERVAÇÃO:**

O recurso Voltado para Baixo é aplicável somente ao DGP 5550e/DGP 8550e.

1

Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Temporiz Sil. Pressione  para selecionar.

---

5 Pressione ▲ ou ▼ para editar o valor numérico de cada dígito e pressione .

---

### 7.6.19.3

## Sair do Modo Silencioso

Esse recurso pode ser encerrado automaticamente quando o Timer do Modo Silencioso expira.

Execute uma das seguintes ações para sair do modo Silencioso manualmente:

- Pressione o botão programado **Modo Silencioso**.
- Pressione o botão **PTT** em qualquer entrada.
- Coloque o rádio na posição voltada para cima momentaneamente.



### OBSERVAÇÃO:

O recurso Voltado para Baixo é aplicável somente ao DGP 5550e/DGP 8550e.

---

Quando o Modo Silencioso está desabilitado, ocorre o seguinte:

- Um Tom Indicador Negativo é emitido.
- O visor mostra Modo Silencioso Desligado.
- O LED vermelho intermitente apaga.
- O ícone **Modo Silencioso** desaparece da tela de início.
- O rádio sai do modo silencioso e o estado do alto-falante é restaurado.



- Se o timer não tiver expirado, o timer do modo Silencioso é interrompido.

**OBSERVAÇÃO:**

O Modo Silencioso também é encerrado se o usuário transmite voz ou muda para um canal não programado.

**7.6.20****Operação de emergência**

Um Alarme de Emergência é usado para indicar uma situação crítica. Você pode iniciar uma Emergência a qualquer momento mesmo quando existe atividade no canal atual.

Seu revendedor pode configurar o tempo de pressionamento para o botão programado **Emergência**, exceto para pressionamento longo que é semelhante a todos os outros botões:

**Short Press**

Entre 0,05 segundos e 0,75 segundos de duração.

**Pressionamento Longo**

Entre 1,00 segundo e 3,75 segundos de duração.

O botão **Emergência** é atribuído com a função Ativar/Desativar Emergência. Consulte seu revendedor para saber sobre a operação atribuída do botão **Emergência**.

**OBSERVAÇÃO:**

Se um pressionamento curto do botão **Emergência** inicia o modo de Emergência, um pressionamento longo do mesmo botão permite que o rádio saia do modo de Emergência.

Se um pressionamento longo do botão **Emergência** inicia o modo de Emergência, um pressionamento curto do mesmo botão permite que o rádio saia do modo de Emergência.

O rádio tem suporte para três alarmes de emergência:

- Alarme de Emergência
- Alarme de Emergência com Chamada
- Alarme de Emergência com Voz para acompanhar

**OBSERVAÇÃO:**

Somente um dos Alarmes de emergência acima pode ser atribuído ao botão **Emergência** programado.

Além disso, cada alarme possui os seguintes tipos:

**Normal**

O rádio transmite um sinal de alarme e exibe indicadores de áudio e/ou visuais.

**Silencioso**

O rádio transmite um sinal de alarme sem indicadores de áudio ou visuais. O rádio recebe chamadas sem nenhum som no alto-falante, até que o período de transmissão programado do *microfone ativo* termina e/ou você pressiona o botão **PTT**.

**Silencioso com voz**

O rádio transmite um sinal de alarme sem nenhum indicador de áudio ou visual, mas permite que chamadas recebidas soem no alto-falante do rádio. Se o *microfone ativo* estiver ativado, as chamadas recebidas são ouvidas pelo alto-falante após o período de transmissão do *microfone ativo* terminar. Os indicadores aparecerão somente quando você pressionar o botão **PTT**.

**7.6.20.1****Enviar Alarmes de Emergência**

Esse recurso permite enviar um Alarme de Emergência, um sinal sem voz que aciona uma indicação de alerta em um grupo de rádios. O rádio não emite indicadores sonoros ou visuais durante o modo de Emergência quando está configurado no modo Silencioso.

Siga o procedimento para enviar Alarmes de Emergência no rádio.

**1 Pressione o botão programado **Emergência Ativada**.**

Você verá um dos seguintes resultados:

- O visor mostrará Alarmes de Tx e o alias de destino.
-  O visor mostrará Telegrama Tx e o nome de destino.

O LED verde acende. O ícone **Emergência** é exibido.

**OBSERVAÇÃO:**

Se programado, o Tom de busca de emergência será emitido. Este sinal é atenuado quando o rádio transmite ou recebe voz, e para quando o rádio sai do modo Emergência. O tom de Procura de Emergência pode ser programado pelo CPS.

**2 Aguarde a confirmação.**

Se bem-sucedida:

- O tom de Emergência é emitido.
- O LED vermelho pisca.

- O visor mostrará **Alarme Enviado**.

Se não houver sucesso após todas as tentativas serem esgotadas:

- Um tom é emitido.
- O visor mostrará **Falha Alarme**.

O rádio sai do modo de Alarme de Emergência e retorna à tela Inicial.

---

#### 7.6.20.2

### Enviar Alarmes de Emergência com Chamada

Essa função permite enviar um Alarme de Emergência com Chamada para um grupo de rádios. Após a confirmação por um rádio no grupo, o grupo de rádios pode se comunicar através de um canal de Emergência programado.

Siga o procedimento para enviar Alarmes de Emergência com chamada no rádio.

- 1 Pressione o botão programado **Emergência Ativada**.

Você verá o seguinte:

- O visor mostrará **Telegrama Tx** e o nome de destino.

O LED verde acende. O ícone **Emergência** é exibido.



#### **OBSERVAÇÃO:**

Se programado, o Tom de busca de emergência será emitido. Este sinal é atenuado quando o rádio transmite ou recebe voz, e para quando o rádio sai do modo Emergência. O tom de Busca de Emergência pode ser programado pelo revendedor ou administrador do sistema.

- 
- 2 Aguarde a confirmação.

Se bem-sucedida:

- O tom de Emergência é emitido.
  - O LED vermelho pisca.
  - O visor mostra **Alarme Enviado**.
  - O rádio entrará no modo de chamada de Emergência quando o monitor exibir **Emergência** e o alias do grupo de destino.
-

- 3 Pressione o botão **PTT** para fazer a chamada.  
O LED verde acende. O monitor exibirá o ícone **Group Call**.
- 

- 4 Execute uma das seguintes opções:

- Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
  -  Espere que o Sinal do **PTT** se encerre e fale claramente ao microfone, se habilitado.
- 

- 5 Solte o botão **PTT** para escutar.  
O visor exibirá o chamador e os nomes do grupo.
- 

- 6  Se a função Indicador de canal disponível estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você responder. Pressione o botão **PTT** para responder à chamada.
- 

- 7 Para sair do modo de Emergência depois que a chamada terminar, pressione o botão **Emergência Desativada**.

O rádio volta à tela Inicial.

---

### 7.6.20.3

## Alarmes de Emergência com Voz a Seguir

Essa função permite enviar um Alarme de Emergência com Voz para Acompanhar para um grupo de rádios. O microfone do rádio é ativado automaticamente, permitindo que você se comunique com o grupo de rádios sem pressionar o botão **PTT**. Esse estado de microfone ativado também é conhecido como *microfone ativo*.

Se seu rádio tiver o Modo Ciclo de Emergência habilitado, as repetições do *microfone ativo* e do período de recepção são feitas por uma duração programada. Durante o Modo de Ciclo de Emergência, as chamadas recebidas serão emitidas pelo alto-falante do rádio.

Se você pressionar o botão **PTT** durante o período de recepção programado, ouvirá um tom de operação não permitida, indicando que você deve liberar o botão **PTT**. O

rádio ignora o pressionamento do botão **PTT** e permanece no modo de Emergência.

Se você pressionar o botão **PTT** durante o estado de *microfone ativo* e continuar pressionando-o após o término da duração do estado de *microfone ativo*, o rádio continuará transmitindo até você soltar o botão **PTT**.

Se a solicitação de Alarme de Emergência falhar, o rádio não tentará enviar a solicitação novamente e entrará no estado de *microfone ativo* diretamente.



#### **OBSERVAÇÃO:**

Alguns acessórios podem não ser compatíveis com o *microfone ativo*. Obtenha mais informações com seu revendedor ou administrador do sistema.

#### 7.6.20.4

### **Enviar Alarmes de Emergência com Voz para Acompanhar**

- 1 Pressione o botão programado **Emergência Ativada**.

Você visualizará um destes resultados:

- O visor mostrará **Alarme de Tx** e o alias de destino.

O LED verde acende. O ícone **Emergência** é exibido.

- 
- 2 Depois que o monitor mostrar **Alrm Enviado**, fale claramente no microfone.

O rádio interromperá automaticamente a transmissão quando:

- A duração de ciclo entre *microfone ativo* e chamadas recebidas expirará se o Modo de Ciclo de Emergência estiver habilitado.
- A duração do *microfone ativo* expirará se o Modo de Ciclo de Emergência estiver desabilitado.

- 
- 3 Pressione o botão **Emergência Desativada** para sair do modo de Emergência.

O rádio volta à tela Inicial.

#### 7.6.20.5

### **Receber Alarmes de Emergência**

Ao receber um Alarme de Emergência:

- Um tom é emitido.

- O LED vermelho piscará.
- O visor mostrará o ícone **Emergência** e o alias do chamador ou, se houver mais de um alarme, todos os aliases dos chamadores de emergência serão exibidos na Lista de Alarmes.

#### 1 Execute uma das seguintes opções:

- Em caso de apenas um alarme, pressione  para exibir mais detalhes.
- Em caso de mais de um alarme, pressione  ou  para o alias necessário e pressione  para visualizar mais detalhes.

#### 2 Pressione para visualizar as opções de ação.

#### 3 Pressione e selecione **Sim** para sair da lista de Alarmes.

#### 4 Pressione para acessar o menu.

#### 5 Selecione **Lista Alarmes** para rever a lista de Alarmes.

#### 6 É emitido um tom e a luz LED pisca em vermelho até você sair do modo de emergência. No entanto, o tom pode ser silenciado. Execute uma das seguintes opções:

- Pressione o botão **PTT** para ligar para o grupo de rádios que recebeu o Alarme de Emergência.
- Pressione qualquer botão programável.
- Sair do modo de Emergência. Consulte [Sair do Modo de Emergência Após Receber o Alarme de Emergência na página 543](#).

#### 7 Para retornar à tela inicial, execute as seguintes ações:

- a Pressione .
- b Pressione  ou  para **Sim**.

c Pressione  para selecionar.

O rádio retorna à tela inicial e o visor mostra o ícone de Emergência.

#### 7.6.20.6

### Responder a Alarmes de Emergência

- 1 Verifique se o visor exibe a Lista de Alarmes.  
Pressione  ou  para o alias ou ID do rádio, conforme solicitado.
- 2 Pressione o botão **PTT** para transmitir uma voz de não emergência para o mesmo grupo para o qual o Alarme de Emergência foi enviado.  
 Se a função Indicador de canal disponível estiver habilitada, você ouvirá um tom de alerta curto no momento em que o rádio transmissor soltar o botão **PTT** indicando que o canal está livre para você responder.



#### OBSERVAÇÃO:

A voz de emergência pode ser transmitida somente pelo rádio que iniciou a emergência. Todos os outros rádios (inclusive o rádio que recebe a emergência) transmitem voz de não emergência.

O LED verde acende. O rádio permanece no modo de Emergência.

- 3 Execute uma das seguintes opções:
  - Espere que o Tom de permissão para falar se encerre e fale claramente ao microfone, se habilitado.
  -  Espere que o Sinal do **PTT** se encerre e fale claramente ao microfone, se habilitado.
- 4 Solte o botão **PTT** para escutar.  
Quando o rádio da inicialização de emergência responde:
  - O LED verde pisca.

- O monitor exibirá o ícone e o ID de **Chamada de Grupo**, o ID do rádio transmissor e a Lista de Alarmes.



#### **OBSERVAÇÃO:**

Você pode reiniciar o modo de emergência apenas se você habilitar o alarme de emergência no novo canal.

- Pressione o botão programado **Emergência ativada** durante o estado de iniciação/transmissão de emergência.

#### 7.6.20.7

### **Sair do Modo de Emergência Após Receber o Alarme de Emergência**

Siga um dos procedimentos a seguir para sair do modo de Emergência após receber um alarme de Emergência:

- Excluir os itens de alarme.
- Desligue o rádio.

#### 7.6.20.8

### **Reiniciar Modo de Emergência**

Execute uma das seguintes ações:

- Alterar o canal enquanto o rádio está no modo de Emergência.

O rádio sai do Modo de emergência e reinicia a Emergência.

#### 7.6.20.9

### **Como Sair do Modo de Emergência**

Essa função é aplicável apenas para o rádio que está enviando o Alarme de Emergência.

O rádio sai do modo de Emergência quando:

- Uma confirmação é recebida (apenas para Alarme de Emergência).
- Todas as tentativas de enviar o alarme foram feitas.



- O rádio está desligado.


**OBSERVAÇÃO:**

O rádio não reiniciará o modo de Emergência automaticamente quando for ligado novamente.

Siga o procedimento para sair do modo de Emergência no rádio.

Execute uma das seguintes opções:

- Pressione o botão programado **Emergência Desativada**.
- Desligue o rádio e depois ligue-o novamente se ele tiver sido programado para permanecer no canal de Reversão de Emergência mesmo após a confirmação ser recebida.
- Altere o canal para um novo que não tenha nenhum sistema de emergência configurado. O monitor exibirá Sem Emergência.

7.6.20.10

## Excluir um item de alarme da Lista de Alarmes

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Lista Alarmes.

Pressione  para selecionar.

3

Pressione ▲ ou ▼ para o item de alarme

necessário. Pressione  para selecionar.

4

Pressione ▲ ou ▼ para Excluir. Pressione  para selecionar.

7.6.21

## Usuário com Problemas


**OBSERVAÇÃO:**

O recurso Man Down é aplicável somente ao DGP 5550e/DGP 8550e .

Esse recurso instrui que uma emergência seja gerada se houver uma alteração no movimento do rádio, como inclinação do rádio, movimento e/ou a ausência de movimento por um período predefinido.

Após uma alteração no movimento do rádio durante um período programado, o rádio avisa antecipadamente o usuário por meio de um indicador de áudio informando que foi detectada uma alteração no movimento.

Se ainda não houver confirmação do usuário antes que o temporizador predefinido expire, o rádio iniciará um Alarme de Emergência ou uma Chamada de Emergência. É possível programar o contador de lembrete via CPS.

#### 7.6.21.1

### Ligar ou Desligar o Recurso Man Down



#### OBSERVAÇÃO:

O botão programado **Man Down** e as configurações de Man Down são definidos usando o CPS.

Verifique com seu fornecedor ou administrador do sistema como seu rádio foi programado.

Se você desativar o recurso Man Down, o tom de alerta programado é emitido várias vezes até que o recurso Man Down seja habilitado. Um tom de falha do dispositivo é emitido quando o recurso Man Down falha ao ligar. O tom

de falha do dispositivo continua até que o rádio retome o funcionamento normal.

Você pode ativar ou desativar esse recurso por meio de uma das seguintes ações.

- Pressione o botão programado **Man Down** para ativar ou desativar o recurso.
- Acesse esse recurso usando o menu.

a. Pressione  **OK** para acessar o menu.

b. Pressione  ou  para Utilitários.

Pressione  **OK** para selecionar.

c. Pressione  ou  para Configurações do rádio. Pressione  **OK** para selecionar.

d. Pressione  ou  para Man Down. Pressione  **OK** para selecionar.

Você também pode usar  ou  para alterar a opção selecionada.

- e. Pressione  para ativar/desativar o Man Down.

Se ativado, ✓ será exibido ao lado de Ativado.

Se desativado, o ✓ desaparece do lado de Ativado.

## 7.6.22

### Mensagens de Texto

Seu rádio pode receber dados, por exemplo, uma mensagem de texto de outro rádio ou de um aplicativo de mensagem de texto.

Há dois tipos de mensagens de texto, Mensagem Curta de Texto de DMR (Digital Mobile Radio, rádio móvel digital) e mensagem de texto. O tamanho máximo de uma Mensagem Curta de Texto DMR é de 23 caracteres. O limite máximo de uma mensagem de texto é de 280 caracteres, incluindo a linha de assunto. A linha de assunto só é exibida quando você recebe mensagens de aplicativos de email.



#### OBSERVAÇÃO:

O tamanho máximo de caracteres é aplicável apenas para modelos com a versão mais recente de software e hardware. Para modelos de rádio com software e hardware mais antigos, o tamanho máximo de uma mensagem de texto é de 140 caracteres. Entre em contato com o revendedor para obter mais informações.

## 7.6.22.1

### Mensagens de texto

As mensagens de texto ficam armazenadas em uma caixa de entrada e são classificadas de acordo com a mais recentemente recebida.

#### 7.6.22.1.1

### Exibição de mensagens de texto

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Mensagens. Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Caixa. Pressione  para selecionar.

Se a Caixa de Entrada estiver vazia:

- O visor exibirá *Lista Vazia*.
- Um tom sonoro é emitido se o Tom do Teclado estiver ativado.

- 4 Pressione ▲ ou ▼ para a mensagem solicitada.

Pressione  para selecionar.

Uma linha de assunto é exibida se a mensagem vier de um aplicativo de e-mail.

- 2 Pressione ▲ ou ▼ para Mensagens. Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Caixa. Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para a mensagem solicitada.

Pressione  para selecionar.

Não é possível responder a uma mensagem de texto do Status de Telemetria.

O monitor exibe Telemetria: <Mensagem de Texto do Status>.

- 5 Mantenha  pressionado para retornar à Tela Inicial.

#### 7.6.22.1.2

### Exibir Mensagens de Texto do Status de Telemetria

Siga o procedimento para exibir uma mensagem de texto do status de telemetria na caixa de entrada.

- 1 Pressione  para acessar o menu.

#### 7.6.22.1.3

### Exibir Mensagens de Texto Salvas

- 1 Execute uma das seguintes opções:

- Pressione o botão **Mens. texto** programado. Vá para [etapa 3](#).

- Pressione  para acessar o menu.

- 
- 2 Pressione ▲ ou ▼ para Mensagens. Pressione  para selecionar.

- 
- 3 Pressione ▲ ou ▼ para Rascunhos. Pressione  para selecionar.

- 
- 4 Pressione ▲ ou ▼ para a mensagem solicitada. Pressione  para selecionar.

#### 7.6.22.1.4

### Responder a Mensagens de Texto

Siga o procedimento para responder a Mensagens de Texto no rádio.

Quando você recebe uma mensagem de texto:

- O visor exibirá a lista de Notificações com o alias ou ID do rádio transmissor.

- O monitor exibirá o ícone **Mensagem**.



#### OBSERVAÇÃO:

O rádio sai da tela de alerta Mensagem de Texto e faz uma Chamada Privativa ou Group Call para o remetente da mensagem caso o botão **PTT** seja pressionado.

- 1 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Ler. Pressione  para selecionar.  
O visor exibirá a mensagem de texto. Uma linha de assunto é exibida se a mensagem vier de um aplicativo de e-mail.

- Pressione ▲ ou ▼ para Ler mais Tarde.

Pressione  para selecionar.  
O rádio retornará para a tela anterior ao recebimento da mensagem de texto.

- Pressione ▲ ou ▼ para Excluir. Pressione  para selecionar.

- 2 Pressione  para retornar à Caixa de Entrada.
- 

## 7.6.22.1.5

## Responder a Mensagens de Texto

Siga o procedimento para responder a mensagens de texto no seu rádio.

- 1 Execute uma das seguintes opções:
    - Pressione o botão **Mens. texto** programado. Vá para a Etapa [etapa 3](#).
    - Pressione  para acessar o menu.
- 

- 2 Pressione  ou  para Mensagens. Pressione  para selecionar.
- 

- 3 Pressione  ou  para Caixa. Pressione  para selecionar.
- 

- 4 Pressione  ou  para a mensagem solicitada.

Pressione  para selecionar.

Uma linha de assunto é exibida se a mensagem vier de um aplicativo de e-mail.

---

- 5 Pressione  para acessar o submenu.
- 

- 6 Execute uma das seguintes opções:
  - Pressione  ou  para Responder. Pressione  para selecionar.
  - Pressione  ou  para Resposta Rápida. Pressione  para selecionar.

É exibido um cursor piscando. Você pode escrever ou editar sua mensagem, se necessário.

---

7

Pressione  quando terminar de escrever.

O visor exibirá mininotas passageiras, confirmando que sua mensagem está sendo enviada.

---

8 Aguarde a confirmação.

Se bem-sucedida:

- Um tom é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom é emitido.
  - O visor exibirá uma mininota negativa.
  - O rádio retornará à tela de opções Reenviar.
- 

7.6.22.1.6

## Encaminhar Mensagens de Texto

Siga o procedimento para encaminhar mensagens de texto no rádio.

Quando você estiver na tela de opções Reenviar:

1

Pressione  ou  para Encaminhar e  para enviar a mesma mensagem a outro alias ou ID de rádio ou de grupo.

---

2

Pressione  ou  para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar. O visor exibirá mininotas passageiras, confirmando que sua mensagem está sendo enviada.

---

3

Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
  - O visor exibirá uma mininota negativa.
-

## 7.6.22.1.7

## Encaminhar Mensagens de Texto Usando a Discagem Manual

Siga o procedimento para encaminhar mensagens de texto usando a discagem manual no rádio.

- 1 Pressione  ou  para Encaminhar. Pressione



para selecionar.

- 2

Pressione  para reenviar a mesma mensagem para outro rádio ou alias de grupo ou ID.

- 3 Pressione  ou  para Discagem Manual.

Pressione  para selecionar.

O monitor exibirá Número do Rádio:.

- 4

Digite o ID do rádio e pressione  para continuar.  
O visor exibirá mininotas passageiras, confirmando que sua mensagem está sendo enviada.

- 5 Aguarde a confirmação.

Se bem-sucedida:

- Um tom é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom é emitido.
- O visor exibirá uma mininota negativa.

## 7.6.22.1.8

## Editar Mensagens de Texto

Selecione **Editar** para editar a mensagem.



### OBSERVAÇÃO:

Se houver uma linha de assunto presente (para mensagens recebidas de um aplicativo de e-mail), não será possível editá-la.

- 1

Pressione  ou  para Editar. Pressione  para selecionar.

O visor mostrará um cursor intermitente.



## 2 Use o teclado para editar sua mensagem.

- Pressione  para mover um espaço para a esquerda.
- Pressione  ou  para mover um espaço à direita.
- Pressione  para excluir caracteres indesejados.
- Mantenha  pressionado para alterar o método de entrada de texto.

## 3

Pressione  quando terminar de escrever.

## 4 Execute uma das seguintes opções:

- Pressione  ou  para Enviar e pressione  para enviar a mensagem.
- Pressione  ou  para Salvar e pressione  para salvar a mensagem na pasta Rascunhos.

- Pressione  para editar a mensagem.
- Pressione  para escolher entre excluir a mensagem ou salvá-la na pasta Rascunhos.

### 7.6.22.1.9

## Enviar Mensagens de Texto

Pressupõe-se que você tenha uma nova mensagem de texto escrita ou uma mensagem de texto salva.

Selecione o destinatário da mensagem. Execute uma das seguintes opções:

- Pressione  ou  para o alias ou ID do rádio,
- conforme solicitado. Pressione  para selecionar.
- Pressione  ou  para Discagem manual.

Pressione  para selecionar. A primeira linha do monitor exibirá Número do Rádio!. A segunda linha do monitor exibe um cursor

piscando. Digite o nome ou ID do rádio.

Pressione .

O monitor exibe mininotas passageiras, confirmando que sua mensagem está sendo enviada.

Se bem-sucedida:

- Um tom é emitido.
- O monitor exibe uma mininota positiva.

Se malsucedida:

- Um tom grave é emitido.
- O visor exibirá uma mininota negativa.
- A mensagem é movida para a pasta Itens Enviados.
- A mensagem é marcada com um ícone de Falha no Envio.



#### **OBSERVAÇÃO:**

Para uma mensagem de texto nova, o rádio retornará à tela de opções Reenviar.

## Editar Mensagens de Texto Salvas

1

Pressione  enquanto visualiza a mensagem.

2

Pressione  ou  para Editar. Pressione  para selecionar.

É exibido um cursor piscando.

3

Use o teclado para digitar sua mensagem.

Pressione  para mover um espaço para a esquerda.

Pressione  ou  para mover um espaço à direita.

Pressione  para excluir caracteres indesejados.

Mantenha  pressionado para alterar o método de entrada de texto.

4

Pressione  quando terminar de escrever.

Execute uma das seguintes opções:

- Pressione  ou  para Enviar. Pressione

 para enviar a mensagem.

- Pressione . Pressione  ou  para escolher entre salvar ou excluir a mensagem.

Pressione  para selecionar.

#### 7.6.22.1.11

### Enviar Novamente Mensagens de Texto

Quando você estiver na tela de opções Reenviar:

Pressione  para reenviar a mesma mensagem para o mesmo alias ou ID de rádio/grupo.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor exibirá uma mininota negativa.
- O rádio retornará à tela de opções Reenviar.

#### 7.6.22.1.12

### Excluir Mensagens de Texto da Caixa de Entrada

Siga o procedimento para excluir mensagens de texto da Caixa de Entrada no rádio.

- 1 Execute uma das seguintes opções:

- Pressione o botão **Mens. texto** programado. Vá para [etapa 3](#).

- Pressione  para acessar o menu.

- 2 Pressione  ou  para Mensagens. Pressione

 para selecionar.

3 Pressione ▲ ou ▼ para Caixa. Pressione  para selecionar.

Se a Caixa de Entrada estiver vazia:

- O visor exibirá *Lista Vazia*.
- Um tom é emitido.

4 Pressione ▲ ou ▼ para a mensagem solicitada.

Pressione  para selecionar.

Uma linha de assunto é exibida se a mensagem vier de um aplicativo de e-mail.

5 Pressione  para acessar o submenu.

6 Pressione ▲ ou ▼ para Excluir. Pressione  para selecionar.

7 Pressione ▲ ou ▼ para Sim. Pressione  para selecionar.

O visor mostra uma mininota positiva. A tela volta para a Caixa de entrada.

#### 7.6.22.1.13

### Excluir Todas as Mensagens de Texto da Caixa de Entrada

Siga o procedimento para excluir todas as mensagens de texto da Caixa de Entrada no rádio.

1 Execute uma das seguintes opções:

- Pressione o botão **Mens. texto** programado. Vá para [etapa 3](#).
- Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Mensagens. Pressione  para selecionar.

3

Pressione ▲ ou ▼ para Caixa. Pressione  para selecionar.

Se a Caixa de Entrada estiver vazia:

- O visor exibirá Lista Vazia.
- Um tom é emitido.

4

Pressione ▲ ou ▼ para Excluir Todas.

Pressione  para selecionar.

5

Pressione ▲ ou ▼ para Sim. Pressione  para selecionar.

O visor mostra uma mininota positiva.

- Pressione o botão **Mens. texto** programado. Vá para [etapa 3](#).

- Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Mensagens. Pressione  para selecionar.

3

Pressione ▲ ou ▼ para Rascunhos. Pressione  para selecionar.

4

Pressione ▲ ou ▼ para a mensagem solicitada. Pressione  para selecionar.

5

Pressione  novamente enquanto exibe a mensagem.

6

Pressione ▲ ou ▼ para Excluir. Pressione  para excluir a mensagem de texto.

7.6.22.1.14

## Excluir Mensagens de Texto Salvas na Pasta Rascunhos

- 1 Execute uma das seguintes opções:

## 7.6.22.2

## Mensagens de Texto Enviadas

Após uma mensagem ser enviada para outro rádio, ela é salva na pasta Itens Enviados. A última mensagem de texto enviada é sempre adicionada no topo da lista Itens Enviados. É possível reenviar, encaminhar, editar ou excluir uma mensagem de texto Enviada.

A pasta Itens enviados pode armazenar no máximo as trinta (30) últimas mensagens enviadas. Quando a pasta estiver cheia, a próxima mensagem enviada substituirá automaticamente a mensagem de texto mais antiga na pasta.

Se você sair da tela de envio de mensagem enquanto a mensagem estiver sendo enviada, o rádio atualizará o status da mensagem na pasta Enviados sem oferecer nenhuma indicação no monitor ou por meio de sons.

Se o modo do rádio for alterado ou se ele for desativado antes que o status da mensagem seja atualizado na pasta de Itens Enviados, não será possível concluir uma mensagem Em Andamento, e ela será marcada automaticamente com um ícone **Falha ao Enviar**.

O rádio possui suporte para no máximo cinco (5) mensagens Em Andamento por vez. Durante esse período,

o rádio não poderá enviar nenhuma mensagem nova e a marcará automaticamente com um ícone **Falha no Envio**.

Mantenha  pressionado a qualquer momento para voltar à tela Início.



### OBSERVAÇÃO:

Se o tipo de canal, por exemplo, digital convencional, Capacity Plus, não corresponder, você só poderá editar, encaminhar ou excluir uma mensagem Enviada.

## 7.6.22.2.1

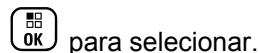
## Visualizar Mensagens de Texto Enviadas



Siga o procedimento para exibir mensagens de texto enviadas do rádio.

- 1 Execute uma das seguintes opções:
  - Pressione o botão **Mens. texto** programado. Vá para [etapa 3](#).
  - Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Mensagens. Pressione



para selecionar.

- 3 Pressione ▲ ou ▼ para Itens Enviados.

Pressione  para selecionar.

Se a pasta Itens Enviados estiver vazia:

- O visor exibirá Lista Vazia.
- Um tom sonoro é emitido se o Tom do Teclado estiver ativado.

- 4 Pressione ▲ ou ▼ para a mensagem solicitada.

Pressione  para selecionar.

Uma linha de assunto é exibida se a mensagem vier de um aplicativo de e-mail.

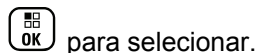
Durante a visualização de uma mensagem enviada:

1

Pressione  enquanto visualiza a mensagem.

2

Pressione ▲ ou ▼ para Reenviar. Pressione



O visor exibirá mininotas passageiras, confirmando que sua mensagem está sendo enviada.

3

Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor exibirá uma mininota negativa.
- O rádio prosseguirá para a tela de opções Reenviar. Consulte [Enviar Novamente](#)

#### 7.6.22.2.2

### Enviar Mensagens de Texto Enviadas

Siga o procedimento para enviar uma mensagem de texto enviada para o rádio.

Mensagens de Texto na página 193 para obter mais informações.

#### 7.6.22.2.3

### Excluir Todas as Mensagens de Texto Enviadas em Itens Enviados

Siga o procedimento para excluir todas as mensagens de texto enviadas na pasta Itens Enviados do rádio.

- 1 Execute uma das seguintes opções:
  - Pressione o botão **Mens. texto** programado. Vá para [etapa 3](#).
  - Pressione  para acessar o menu.

- 2 Pressione  ou  para Mensagens. Pressione  para selecionar.

- 3 Pressione  ou  para Itens Enviados. Pressione  para selecionar.

Se a pasta Itens Enviados estiver vazia:

- O visor exibirá *Lista Vazia*.
- Um tom é emitido.

- 4 Pressione  ou  para Excluir Todas.

Pressione  para selecionar.

- 5 Execute uma das seguintes opções:

- Pressione  ou  para Sim. Pressione  para selecionar.  
O visor mostra uma mininota positiva.
- Pressione  ou  para Não. Pressione  para selecionar.  
O rádio retorna à tela anterior.

#### 7.6.22.3

### Mensagens de Texto Rápidas

Seu rádio oferece suporte a um máximo de 50 mensagens de Texto Rápido, como programado por seu revendedor.



Embora as mensagens de Texto Rápido sejam predefinidas, você pode editar cada uma delas antes de enviá-las.

### 7.6.22.3.1

## Enviar Mensagens de Texto Rápidas

Siga o procedimento para enviar Mensagens de Texto Rápidas no rádio para um alias predefinido.

- 1 Pressione o botão **Acesso com um toque** programado.

O visor exibirá mininotas passageiras, confirmando que sua mensagem está sendo enviada.

- 
- 2 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor exibirá uma mininota negativa.

- O rádio prosseguirá para a tela de opções Reenviar. Consulte [Enviar Novamente Mensagens de Texto na página 193](#) para obter mais informações.

### 7.6.23

## Codificação de mensagem analógica

Seu rádio pode enviar mensagens pré-programadas da lista de mensagens para um alias do rádio ou para o despachador.

### 7.6.23.1

## Enviar Mensagens com Codificação MDC aos Operadores

Siga o procedimento para enviar mensagens com Codificação MDC aos despachadores no rádio.

1

Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Mensagem. Pressione



para selecionar.

3 Pressione ▲ ou ▼ para Texto Rápido.

Pressione  para selecionar.

4 Pressione ▲ ou ▼ para a mensagem solicitada.

Pressione  para selecionar.

O visor exibirá mininotas passageiras, confirmando que sua mensagem está sendo enviada.

5 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor exibirá uma mininota negativa.

### 7.6.23.2

## Enviar Mensagens com Codificação de 5 Tons aos Contatos

Siga o procedimento para enviar mensagens com Codificação de 5 Tons aos contatos no rádio.

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Mensagem. Pressione  para selecionar.

3

Pressione ▲ ou ▼ para Texto Rápido. Pressione  para selecionar.

4

Pressione ▲ ou ▼ para a mensagem solicitada. Pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para o contato desejado.

Pressione  para selecionar.

O visor exibirá mininotas passageiras, confirmando que sua mensagem está sendo enviada.

- 6 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor exibirá uma mininota negativa.



#### **OBSERVAÇÃO:**

Obtenha mais informações com seu revendedor ou administrador do sistema.

#### 7.6.24

## Atualização de Status Analógico

O rádio é capaz de enviar mensagens pré-programadas da Lista de status para indicar sua atividade atual para um contato do rádio (para sistemas de 5 Tons) ou para um despachador (para sistemas de Comunicações de Dados da Motorola).

A última mensagem de confirmação é mantida no início da Lista de Status. As outras mensagens são organizadas em ordem alfanumérica.

#### 7.6.24.1

### Enviar Atualização de Status a Contatos Predefinidos

Siga o procedimento para enviar atualização de status a contatos predefinidos no rádio.

1

Pressione ▲ ou ▼ para Status. Pressione  para selecionar.

2

Pressione ▲ ou ▼ para o status desejado.

Pressione  para selecionar.

Ao pressionar o botão **PTT** quando estiver na lista de Status para sistemas de 5 Tons, o rádio enviará a atualização do status selecionada e retornará à tela Início para iniciar uma chamada de voz.

### 3 Pressione ▲ ou ▼ para Definir como Padrão.

Pressione  para selecionar.

O visor exibirá uma mininota passageira, confirmando que a atualização de status está sendo enviada.

### 4 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.
- O monitor exibirá ✓ ao lado da confirmação de status.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor exibirá uma mininota negativa.

- O monitor exibirá ✓ ao lado do status anterior.

Consulte [Configurar Contato Padrão na página 515](#) para obter mais informações sobre a configuração de contato padrão para sistemas de 5 Tons.

#### 7.6.24.2

### Exibir Detalhes do Status de 5 Tons

Siga o procedimento visualizar os detalhes do status de 5 tons no rádio.

Pressupõe-se que você comprou a Chave de Licença do Software.

1

Pressione ▲ ou ▼ para Status. Pressione  para selecionar.

2

Pressione ▲ or ▼ para o status solicitado.

Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Exibir Detalhes.

Pressione  para selecionar.

O monitor exibe detalhes do status selecionado.

### 7.6.24.3

## Editar Detalhes do Status de 5 Tons

Siga o procedimento exibir os detalhes do status de 5 tons no rádio.

- 1 Pressione ▲ ou ▼ para Status. Pressione  para selecionar.

- 2 Pressione ▲ ou ▼ para o status desejado.  
Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Editar. Pressione  para selecionar.

- 4 Depois que um cursor piscando for exibido, pressione ◀ para mover o cursor um espaço para a esquerda ou pressione ▶ para mover o cursor um espaço para a direita. Pressione  para excluir caracteres indesejados. Mantenha pressionado  para alterar o método de entrada de texto.

Pressione  ao concluir a edição.

O monitor exibe Status salvo e o rádio retorna à Lista de Status.

### 7.6.25

## Privacidade

Se habilitado, esse recurso ajuda a impedir a intromissão de usuários não autorizados em um canal através do uso de uma solução de codificação baseada em software. As partes de sinalização e de identificação do usuário de uma transmissão não se misturam.

Seu rádio deve ter privacidade habilitada no canal para enviar uma transmissão com privacidade habilitada, apesar de não ser um requisito para receber uma transmissão.

Enquanto estiver em um canal com privacidade habilitada, o rádio permanece capaz de receber transmissões claras ou decodificadas.

Alguns modelos de rádio podem não oferecer esse recurso de Privacidade, ou podem conter outra configuração. Obtenha mais informações com seu revendedor ou administrador do sistema.

O seu rádio é compatível com os seguintes tipos de privacidade, mas somente um pode ser atribuído a ele. Eles são:

- Privacidade Básica
- Privacidade Avançada

Para decodificar uma chamada ou uma transmissão de dados com privacidade habilitada, seu rádio deverá ser programado para ter a mesma Chave de Privacidade para Privacidade Básica ou o mesmo Valor de Chave e ID de Chave para Privacidade Avançada que o rádio transmissor.

Se o rádio receber uma chamada embaralhada que seja diferente da Chave de Privacidade ou um Valor de Chave e ID de Chave diferentes, você também ouvirá uma transmissão de baixa qualidade para Privacidade Básica ou nada para Privacidade Avançada.

Em um canal com privacidade habilitada, seu rádio é capaz de receber chamadas não criptografadas ou decodificadas, dependendo de como o rádio está programado. Além disso, o rádio pode reproduzir um tom de aviso ou não, dependendo de como ele está programado.

O LED verde acende enquanto o rádio transmite e pisca rapidamente enquanto o rádio recebe uma transmissão habilitada para privacidade contínua.



#### OBSERVAÇÃO:

Esse recurso não se aplica a canais de Banda Civil que estão na mesma frequência.

#### 7.6.25.1

### Ativar ou Desativar a Privacidade

Siga o procedimento para ativar ou desativar a privacidade no rádio.

#### 1 Execute uma das seguintes opções:

- Pressione o botão programado **Privacidade**. Pule as etapas a seguir.
- Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para <privacidade obrigatória>. Pressione  para selecionar.

- Se a privacidade estiver ativada, o visor mostrará ✓ ao lado de Ativado.
- Se a privacidade estiver desativada, o visor exibirá a caixa vazia ao lado de Ativado.

## 7.6.26

### Inibição de Resposta

Esta função ajuda a impedir que o rádio responda a qualquer transmissão recebida.



#### OBSERVAÇÃO:

Entre em contato com seu revendedor para determinar como seu rádio foi programado.

Se ativado, o rádio não gera nenhuma transmissão de saída em resposta a transmissões recebidas, como Verificação do Rádio, Alerta de Chamada, Desabilitar Rádio, Monitoramento Remoto, ARS (Automatic Registration Service, serviço de registro automático), Responder a Mensagens Privadas e Enviar relatórios de localização de GNSS.

O rádio não pode receber Chamadas Privadas Confirmadas quando esse recurso está habilitado. No entanto, o rádio é capaz de enviar manualmente uma transmissão.

## 7.6.26.1

### Ligar e Desligar a Inibição de Resposta

Siga o procedimento para ativar ou desativar a Inibição de Resposta do rádio.

Pressione o botão programado **Inibição Resposta**.

Se bem-sucedida:

- Um tom indicador positivo é emitido.

- O visor mostra uma mininota positiva momentânea.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor mostra uma mininota negativa momentânea.

### 7.6.27

## Segurança

Essa função permite que você habilite ou desabilite qualquer rádio no sistema.

Por exemplo, talvez você queira desativar um rádio roubado, para impedir que o ladrão o utilize, e ativá-lo quando ele for recuperado.

Existem duas maneiras de ativar ou desativar um rádio, com autenticação e sem autenticação.

Desabilitar Rádio Autenticado é um recurso que pode ser adquirido. Em Desabilitar Rádio Autenticado, a verificação é necessária ao ativar ou desativar um rádio. Quando o rádio inicia essa função em um rádio de destino com Autenticação do Usuário, uma frase de senha é obrigatória. A senha é pré-programada no rádio de destino pelo CPS.

Você não receberá uma confirmação se pressionar  durante as operações Habilitar Rádio ou Desabilitar Rádio.



### OBSERVAÇÃO:

Obtenha mais informações com seu revendedor ou administrador do sistema.

### 7.6.27.1

## Desativar Rádios

Siga o procedimento para desativar seu rádio.

---

1 Pressione o botão **Desativar Rádio** programado.

---

2 Pressione  ou  para o alias ou ID do rádio, conforme solicitado.

---

3 Pressione  para selecionar. Um dos seguintes cenários irá acontecer:

- O visor exibirá Desabilitar Rádio: <Alias ou ID do Rádio>. O LED verde pisca.
- Uma tela de frase de senha será exibida.



Digite a frase de senha. Pressione  para continuar.

- Se a frase de senha estiver correta, o visor exibirá uma mininota passageira, indicando que a solicitação está em andamento. O LED verde acende.
- Se a frase de senha estiver incorreta, o visor mostrará mininotas negativas e retornará à tela anterior.

---

#### 4 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
  - O visor exibirá uma mininota negativa.
- 

## Desativar Rádios Usando a Lista de Contatos

Siga o procedimento para desativar seu rádio usando a lista de Contatos.

1

Pressione  para acessar o menu.

---

2

Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.

---

3

Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar.

---

4

Pressione ▲ ou ▼ para Desativar Rádio.

---

5

Pressione  para selecionar. Um dos seguintes cenários irá acontecer:

- O monitor exibirá Desabilitar Rádio: <Alias ou ID do Rádio>. O LED verde pisca.
- Uma tela de frase de senha será exibida.

Digite a frase de senha. Pressione  para continuar.

- Se a frase de senha estiver correta, o visor exibirá uma mininota passageira, indicando que a solicitação está em andamento. O LED verde acende.
- Se a frase de senha estiver incorreta, o visor mostrará mininotas negativas e retornará à tela anterior.

---

#### 6 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
  - O visor exibirá uma mininota negativa.
- 

## Desativar Rádios Usando a Discagem Manual

Siga o procedimento para desativar seu rádio usando a discagem manual.

- 1 Pressione  para acessar o menu.
  - 2 Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.
  - 3 Pressione ▲ ou ▼ para Discagem Manual. Pressione  para selecionar.
  - 4 Pressione ▲ ou ▼ para Número do Rádio. Pressione  para selecionar. A primeira linha de texto exibirá Número do Rádio.
  - 5 Digite o ID do rádio e pressione  para continuar.
-

## 6 Pressione ou para Desativar Rádio.

7

Pressione  para selecionar. Um dos seguintes cenários irá acontecer:

- O visor exibirá mininotas passageiras, indicando que a solicitação está em andamento. O LED verde pisca.
- Uma tela de frase de senha será exibida.

Digite a frase de senha. Pressione  para continuar.

- Se a frase de senha estiver correta, o visor exibirá uma mininota passageira, indicando que a solicitação está em andamento. O LED verde acende.
- Se a frase de senha estiver incorreta, o visor mostrará mininotas negativas e retornará à tela anterior.

## 8 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.

- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor exibirá uma mininota negativa.

### 7.6.27.4

## Ativar Rádios

Siga o procedimento para ativar seu rádio.

### 1 Pressione o botão programado **Habilitar Rádio**.

### 2 Pressione ou para o alias ou ID do rádio, conforme solicitado.

3

Pressione  para selecionar. Um dos seguintes cenários irá acontecer:

- O monitor exibe **Habilitar Rádio: <Alias ou ID do Rádio>**. O LED verde acende.
- Uma tela de frase de senha será exibida.

Digite a frase de senha. Pressione  para continuar.

- Se a frase de senha estiver correta, o visor exibirá uma mininota passageira, indicando que a solicitação está em andamento. O LED verde acende.
- Se a frase de senha estiver incorreta, o visor mostrará mininotas negativas e retornará à tela anterior.

---

#### 4 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
  - O visor exibirá uma mininota negativa.
- 

## Ativar Rádios Usando a Lista de Contatos

Siga o procedimento para ativar seu rádio usando a lista de Contatos.

1

Pressione  para acessar o menu.

---

2

Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.

---

3

Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar.

---

4

Pressione ▲ ou ▼ para Ativar Rádio.

---

5

Pressione  para selecionar. Um dos seguintes cenários irá acontecer:

- O monitor exibe `Habilitar Rádio: <Alias ou ID do Rádio>`. O LED verde acende.
- Uma tela de frase de senha será exibida.

Digite a frase de senha. Pressione  para continuar.

- Se a frase de senha estiver correta, o visor exibirá uma mininota passageira, indicando que a solicitação está em andamento. O LED verde acende.
- Se a frase de senha estiver incorreta, o visor mostrará mininotas negativas e retornará à tela anterior.

---

#### 6 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
  - O visor exibirá uma mininota negativa.
- 

7.6.27.6

## Ativar Rádios Usando a Discagem Manual

Siga o procedimento para ativar seu rádio usando a discagem manual.

1

Pressione  para acessar o menu.

---

2

Pressione ▲ ou ▼ para Contatos. Pressione  para selecionar.

---

3

Pressione ▲ ou ▼ para Discagem Manual. Pressione  para selecionar.

---

4

Pressione ▲ ou ▼ para Chamada Privada. Pressione  para selecionar. A primeira linha de texto exibirá Número do Rádio.

---

5

Digite o ID do rádio e pressione  para continuar.

---

## 6 Pressione ou para Ativar Rádio.

7

Pressione  para selecionar. Um dos seguintes cenários irá acontecer:

- O monitor exibe **Habilitar Rádio: <Alias ou ID do Rádio>**. O LED verde acende.
- Uma tela de frase de senha será exibida.

Digite a frase de senha. Pressione  para continuar.

- Se a frase de senha estiver correta, o visor exibirá uma mininota passageira, indicando que a solicitação está em andamento. O LED verde acende.
- Se a frase de senha estiver incorreta, o visor mostrará mininotas negativas e retornará à tela anterior.

## 8 Aguarde a confirmação.

Se bem-sucedida:

- Um tom indicador positivo é emitido.
- O visor mostra uma mininota positiva.

Se malsucedida:

- Um tom indicador negativo é emitido.
- O visor exibirá uma mininota negativa.

### 7.6.28

## Trabalhador Solitário

Essa função instrui que uma emergência seja gerada se não houver atividade do usuário, como o pressionamento de qualquer botão ou seleção de canais, por um tempo predefinido.

Se não ocorrer nenhuma atividade do usuário por um tempo programado, o rádio o avisará antecipadamente por meio de um indicador de áudio quando o contador de inatividade expirar.

Se você não confirmar antes que o contador predefinido expire, o rádio iniciará um Alarme de Emergência.

Somente um dos Alarmes de Emergência a seguir é atribuído a esta função:

- Alarme de Emergência
- Alarme de Emergência com Chamada
- Alarme de Emergência com Voz a Seguir 

O rádio permanece no estado de emergência, permitindo o prosseguimento de mensagens de voz até que uma ação seja tomada. Consulte [Operação de emergência na página 536](#) para obter mais informações sobre maneiras de sair de Emergência.



**OBSERVAÇÃO:**

Obtenha mais informações com seu revendedor ou administrador do sistema.

7.6.29

## Bloqueio de senha

Você pode definir uma senha para restringir o acesso ao seu rádio. Cada vez que você ligar o rádio, será necessário inserir a senha.

Seu rádio suporta uma entrada de senha de quatro dígitos.

O rádio não consegue receber chamadas no estado bloqueado.

7.6.29.1

### Acessar o rádio usando senhas

Ligue o rádio.

- 1 Insira uma senha de quatro dígitos.

- a Para editar o valor numérico de cada dígito, pressione  ou . Para inserir e mover para o próximo dígito, pressione .

2

- Pressione  para confirmar a senha.

Se você inserir a senha corretamente, o rádio será ligado.

Se você inserir a senha errada após a primeira e a segunda tentativa, o rádio mostrará as seguintes indicações:

- Um tom contínuo é emitido.
- O visor mostra `Senha incorreta.`

Repita [etapa 1](#).

Se você inserir a senha errada após a terceira tentativa, o rádio mostrará as seguintes indicações:

- Um tom é emitido.
- O LED amarelo piscará duas vezes.
- O visor mostra `Senha incorreta e, em seguida, Rádio bloqueado.`

- O rádio entrará no estado bloqueado por 15 minutos.

**OBSERVAÇÃO:**

No estado bloqueado, o rádio responde apenas às entradas do **Botão de Controle de Volume/Ligado/Desligado** e do botão programado **Luz de Fundo**.

Aguarde o temporizador de estado bloqueado de 15 minutos para concluir e, em seguida, repita [etapa 1](#).

**OBSERVAÇÃO:**

Se você desligar e ligar o rádio novamente, o temporizador de 15 minutos será reiniciado.

## 7.6.29.2

**Ativar ou Desativar Bloqueio de Senha**

Siga o procedimento para ativar ou desativar o bloqueio de senha no rádio.

- 1 Pressione  para acessar o menu.
- 2 Pressione  ou  para Utilitários. Pressione  para selecionar.

- 3 Pressione  ou  para Configurações do rádio. Pressione  para selecionar.

- 4 Pressione  ou  para Bloq. Senha. Pressione  para selecionar.

- 5 Insira sua senha atual de quatro dígitos.

- Use o microfone do teclado.
- Pressione  ou  para editar o valor

numérico de cada dígito ou pressione  para digitar e mover para o próximo dígito. Um tom indicador positivo será emitido para cada dígito pressionado.

- 6 Pressione  para digitar a senha.  
Se a senha estiver incorreta, o visor exibirá *Senha Incorreta* e automaticamente retornará ao menu anterior.

- 7 Execute uma das seguintes opções:



- Pressione ▲ ou ▼ para Ativar. Pressione



para selecionar.

O monitor exibirá ✓ ao lado de Ativar.

- Pressione ▲ ou ▼ para Desativar. Pressione



para selecionar.

O monitor exibirá ✓ ao lado de Desativar.

### 7.6.29.3

## Desbloquear Rádios Bloqueados

O rádio não consegue receber chamadas no estado bloqueado. Siga o procedimento para desbloquear o rádio bloqueado.

Execute uma das seguintes opções:

- Se o rádio estiver ligado, aguarde 15 minutos e repita as etapas em [Acessar o rádio usando senhas na página 220](#) para acessar o rádio.
- Se o rádio estiver desligado, ligue o rádio. O rádio reinicia o contador de 15 minutos para o estado bloqueado.  
Um tom é emitido. O LED amarelo piscará duas vezes.  
O visor mostra Rádio Bloqueado.

Aguarde 15 minutos e repita as etapas em [Acessar o rádio usando senhas na página 220](#) para acessar o rádio.

### 7.6.29.4

## Alterar senhas

Siga o procedimento para alterar senhas no rádio.

1



Pressione para acessar o menu.

2

Pressione ▲ ou ▼ para Utilitários. Pressione



para selecionar.

3

Pressione ▲ ou ▼ para Configurações do

rádio. Pressione



para selecionar.

4

Pressione ▲ ou ▼ para Bloq. Senha. Pressione



para selecionar.

- 5 Insira a senha de quatro dígitos atual e pressione

 para continuar.

Se a senha estiver incorreta, o visor exibirá *Senha Incorreta* e automaticamente retornará ao menu anterior.

- 6 Pressione ▲ ou ▼ para *Alterar Senha*.

Pressione  para selecionar.

- 7 Insira a nova senha de quatro dígitos e pressione

 para continuar.

- 8 Insira novamente a nova senha de quatro dígitos e

pressione  para continuar.

Se a operação for bem-sucedida, o visor exibirá *Senha Alterada*.

Se malsucedida, o visor exibirá *Senhas Não Correspondem*.

A tela volta automaticamente para o menu anterior.

### 7.6.30

## Lista de Notificações

Seu rádio tem uma Lista de Notificações que coleta todos os seus eventos não lidos no canal, como mensagens de texto não lidas, mensagens de telemetria, chamadas perdidas e alertas de chamada.

O monitor exibirá o ícone **Notificação** quando a lista de Notificações tiver um ou mais eventos.

A lista oferece suporte a, no máximo, 40 (quarenta) eventos não lidos. Quando ela estiver cheia, o evento seguinte substituirá automaticamente o evento mais antigo. Depois de lidos, os eventos são removidos da lista de Notificações.

Para mensagens de texto, chamadas perdidas e eventos de alerta de chamada, o número máximo de notificações é 30 mensagens de textos e 10 chamadas perdidas ou alertas de chamada. Esse número máximo depende do recurso individual (tíquetes de trabalho, mensagens de texto ou chamadas perdidas/alertas de chamada).

### 7.6.30.1

## Acessar a Lista de Notificações

Siga o procedimento para acessar a lista de Notificações do rádio.

- 1 Execute uma das seguintes opções:
  - Pressione o botão programado **Notificações**. Ignorar as etapas abaixo.

- Pressione  para acessar o menu.

- 2 Pressione  para acessar o menu.

- 3 Pressione ▲ ou ▼ para Notificação. Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para o evento solicitado.  
Pressione  para selecionar.

Mantenha  pressionado para retornar à tela inicial.

### 7.6.31

## Sistema de transponder de intervalo

### automático



O Sistema de Transponder de Cobertura Automático (ARTS) é um recurso analógico projetado apenas para informá-lo quando o rádio está fora do alcance de outros rádios equipados com ARTS.

Os rádios equipados com ARTS transmitem ou recebem sinais periodicamente para confirmar que eles estão dentro do alcance um do outro.

O rádio fornece as seguintes indicações de estados:

#### Primeiro Alerta

Um tom é emitido.

O visor mostra o alias do canal e no alcance.

#### Alerta de ARTS dentro do alcance

É emitido um som, se programado.

O visor mostra o alias do canal e no alcance.

#### Alerta de ARTS fora de alcance

Um tom é emitido. O LED vermelho piscará rapidamente.

O monitor exibirá Na Faixa em intervalos alternados em relação à tela Início.



#### **OBSERVAÇÃO:**

Obtenha mais informações com seu revendedor ou administrador do sistema.

### 7.6.32

## Programação Over-the-Air

O revendedor pode atualizar remotamente o seu rádio via Programação Pelo Ar (OTAP) sem conexão física. Além disso, alguns ajustes podem também ser configurados via OTAP.

Quando o rádio passa por OTAP, o LED verde pisca.

Quando o rádio receber dados de volume alto:

- O monitor exibirá o ícone **Volume de Dados Alto**.
- O canal ficará ocupado.
- Um tom negativo será emitido se você pressionar o botão **PTT**.

Quando a OTAP for concluída, dependendo da configuração:

- Um tom é emitido. O monitor exibirá **Atualizando a Reinicialização**. O rádio será reiniciado ao desligar e ligar novamente.
- Você pode selecionar **Reiniciar** ou **Adiar**. Quando você seleciona **Adiar**, o rádio retorna à tela anterior. O monitor exibirá o ícone **Contador de Retardo de OTAP** até que a reinicialização automática ocorra.

Quando o rádio for ligado após a reinicialização automática:

- Se bem-sucedida, o monitor exibirá **Atualização do Software Concluída**.
- Se a atualização do programa não for bem-sucedida, um tom será emitido, o LED vermelho piscará uma vez e o visor exibirá **Falha na atualização do software**.



#### **OBSERVAÇÃO:**

Se a atualização de programação não for bem-sucedida, as indicações de falha na atualização do software aparecerão toda vez que você ligar o rádio. Entre em contato com o revendedor para reprogramar o rádio com o software mais recente para eliminar as indicações de falha na atualização do software.

Consulte [Verificar Informações de Atualização de Software na página 260](#) para obter a versão atualizada do software.

### 7.6.33

## Inibição de transmissão

O recurso de inibição de transmissão permite que os usuários bloqueiem todas as transmissões do rádio.



### **OBSERVAÇÃO:**

Os recursos de Wi-fi e Bluetooth estão disponíveis no modo de interrupção de transmissão.

### 7.6.33.1

## Ativar a Inibição de Transmissão

Siga o procedimento para ativar a Inibição da Transmissão.

Execute uma das seguintes ações:

- Pressionar ▲ ou ▼ para Inib Trans e pressione  para selecionar.

- Pressione o botão programável de Inibição de Transmissão.

- Um tom indicador positivo é emitido.
- O visor exibe Inib trans Ativada.



### **OBSERVAÇÃO:**

O status da Inibição de Transmissão não se altera após o rádio ser ligado.

### 7.6.33.2

## Desativar a Inibição de Transmissão

Siga o procedimento para desativar a Inibição da Transmissão.

Execute uma das seguintes ações:

- Pressionar ▲ ou ▼ para Inib Trans e pressione  para selecionar.
- Pressione o botão programável de Inibição de Transmissão.

- Um tom indicador negativo é emitido. A transmissão voltou à operação normal.
- O visor exibe Inib trans Desativada.

## 7.6.34

## Operação Wi-Fi

Esse recurso permite configurar e se conectar a uma rede Wi-Fi. O Wi-Fi suporta atualizações de firmware do rádio, codeplug e recursos, como pacotes de idiomas e anúncio de voz.



### OBSERVAÇÃO:

Esse recurso se aplica somente ao DGP 5550e/DGP 8550e.

Wi-Fi® é uma marca registrada da Wi-Fi Alliance®.

Seu rádio é compatível com redes Wi-Fi WEP/WPA/WPA2 Pessoal e WPA/WPA2 Comercial.

### Rede Wi-Fi WEP/WPA/WPA2 Pessoal

Usa autenticação com base em chave pré-compartilhada (pessoal).

A chave pré-compartilhada pode ser inserida usando-se o menu ou o CPS/RM.

### Rede Wi-Fi WPA/WPA2 Comercial

Usa autenticação com base em certificado.

Seu rádio deve ser pré-configurado com um certificado.



### OBSERVAÇÃO:

Consulte seu revendedor ou administrador do sistema para se informar sobre a conexão via rede Wi-Fi WPA/WPA2 Comercial.

O botão programado **Wi-Fi Ligado ou Desligado** é atribuído pelo revendedor ou administrador do sistema. Verifique com seu fornecedor ou administrador do sistema como seu rádio foi programado.

Anúncios de Voz para o botão programado **Wi-Fi Ligado ou Desligado** podem ser personalizados pelo CPS de acordo com os requisitos do usuário. Obtenha mais informações com seu revendedor ou administrador do sistema.



### OBSERVAÇÃO:

Você pode ativar ou desativar o Wi-Fi remotamente usando um rádio de supervisão (consulte [Ligar ou Desligar o Wi-Fi Remotamente Usando um Rádio Designado \(Controle Individual\) na página 229](#) e [Ligar ou Desligar o Wi-Fi Remotamente Usando um Rádio Designado \(Controle de Grupo\) na página 230](#) ). Obtenha mais informações com seu revendedor ou administrador do sistema.

## 7.6.34.1

**Ligar ou Desligar o Wi-Fi**

- 1 Pressione o botão programado **Wi-Fi ligado ou desligado**. A Notificação de Voz funciona ao Ativar ou Desativar o Wi-Fi.
- 

- 2 Acesse esse recurso usando o menu.

- a Pressione  para acessar o menu.
  - b Pressione ▲ ou ▼ para Wi-Fi e pressione  para selecionar.
  - c Pressione ▲ ou ▼ para Wi-Fi Ligado e pressione  para selecionar.
  - d Pressione  para ativar/desativar o Wi-Fi.  
Se ativado, o visor mostra ✓ ao lado de Habilitado.  
Se desativado, o ✓ desaparece do lado de Habilitado.
- 

## 7.6.34.2

**Ligar ou Desligar o Wi-Fi Remotamente Usando um Rádio Designado (Controle Individual)**

Você pode ligar ou desligar o Wi-Fi remotamente no Controle individual (um para um).

**OBSERVAÇÃO:**

Somente rádios com configuração específica de CPS aceitam essa função. Verifique com seu revendedor ou o administrador do sistema para obter mais informações.

- 1 Execute uma das seguintes opções:
    - Mantenha o botão programável pressionado. Use o teclado para inserir a ID e pressione  para selecionar. Vá para [etapa 4](#).
    - Pressione  para acessar o menu.
  - 2 Pressione ▲ ou ▼ para Contatos e pressione  para selecionar.
-

3 Siga um dos procedimentos descritos a seguir para selecionar o nome ou ID de rádio necessário:

- Selecione o nome do rádio diretamente.
  - Pressione ▲ ou ▼ para o alias ou ID do rádio necessário.
- Use o menu Discagem Manual.
  - Pressione ▲ ou ▼ para Discagem Manual e pressione  para selecionar.
  - Selecione Número do Rádio e use o teclado para inserir a ID. Pressione  para selecionar.

4 Pressione ▲ ou ▼ para Controle de Wi-Fi e pressione  para selecionar.

5 Pressione ▲ ou ▼ para selecionar Ligado ou Desligado.

6 Pressione  para selecionar.

Se bem-sucedido, o visor mostra uma mininota positiva.

Se malsucedido, o visor mostra uma mininota negativa.

#### 7.6.34.3

### Ligar ou Desligar o Wi-Fi Remotamente Usando um Rádio Designado (Controle de Grupo)

Você pode ligar ou desligar o Wi-Fi remotamente no Controle de grupo (um para muitos).



#### OBSERVAÇÃO:

Somente rádios com configuração específica de CPS aceitam essa função. Verifique com seu revendedor ou o administrador do sistema para obter mais informações.

1 Pressione  para acessar o menu.



- 2 Pressione ▲ ou ▼ para Contatos e pressione



para selecionar.

- 3 Pressione ▲ ou ▼ para selecionar o alias ou ID do rádio.

- 4 Pressione ▲ ou ▼ para Controle de Wi-Fi e pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para selecionar Ligado ou Desligado.

- 6 Pressione  para selecionar.

Se bem-sucedido, o visor mostra Enviado com Sucesso.

Se malsucedido, o visor mostra uma mininota negativa.

#### 7.6.34.4

## Conectar-se a um ponto de acesso de rede

Quando você ativar o Wi-Fi, o rádio lê e conecta-se a um ponto de acesso de rede.



### OBSERVAÇÃO:

Você também pode se conectar a um ponto de acesso de rede através do menu.

Os pontos de acesso à rede Wi-Fi WPA Comercial são pré-configurados. Verifique com seu fornecedor ou administrador do sistema como seu rádio foi programado.

- 1 Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Wi-Fi e pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Redes e pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para um ponto de acesso de redes e pressione  para selecionar.



#### OBSERVAÇÃO:

Para Wi-Fi WPA Comercial, se um ponto de acesso à rede não estiver pré-configurado, a opção Conectar não estará disponível.

- 5 Pressione ▲ ou ▼ para Conectar e pressione  para selecionar.

- 6 Para Wi-Fi WPA Pessoal, insira a senha e pressione  .

- 7 Para Wi-Fi WPA Comercial, a senha é configurada com o uso de RM.

Se a senha pré-configurada estiver correta, seu rádio se conectará automaticamente ao ponto de acesso à rede selecionado.

Se a senha pré-configurada estiver incorreta, o visor exibirá Falha na Autenticação e voltará automaticamente para o menu anterior.

Quando a conexão for realizada com sucesso, o rádio exibirá um aviso, e o ponto de acesso à rede será salvo na lista de perfis.

Se a conexão não for realizada com sucesso, o visor do rádio exibirá temporariamente a tela de aviso de falha e voltará automaticamente para o menu anterior.

#### 7.6.34.5

### Verificar Status da Conexão Wi-Fi

Pressione o botão programado **Consulta do Status do Wi-Fi** para saber o status de conexão usando o Anúncio de Voz. A Notificação de Voz funciona com o Wi-Fi Desativado, com o Wi-Fi Ativado, mas sem conexão ou com o Wi-Fi Ativado com conexão.

- O visor mostra Wi-Fi Desligado quando o Wi-Fi está desligado.
- O visor mostra Wi-Fi Ligado, Conectado quando o rádio está conectado a uma rede.

- O visor mostra Wi-Fi Ligado, Desconectado quando o Wi-Fi está ativado, mas o rádio não está conectado a nenhuma rede.

Anúncios de Voz para os resultados da consulta de status do Wi-Fi podem ser personalizados pelo CPS de acordo com os requisitos do usuário. Obtenha mais informações com seu revendedor ou administrador do sistema.



#### **OBSERVAÇÃO:**

O botão programado **Consulta do Status do Wi-Fi** é atribuído pelo revendedor ou administrador do sistema. Verifique com seu fornecedor ou administrador do sistema como seu rádio foi programado.

#### 7.6.34.6

### Atualizar a Lista de Redes

- Realize as seguintes ações para atualizar a lista de redes pelo menu.

a. Pressione  para acessar o menu.

b. Pressione ▲ ou ▼ para Wi-Fi e pressione



para selecionar.

c. Pressione ▲ ou ▼ para Redes e pressione



para selecionar.

Quando você acessa o menu Redes, o rádio automaticamente atualiza a lista de redes.

- Se você já estiver no menu Redes, realize a ação a seguir para atualizar a lista de redes.

Pressione ▲ ou ▼ para Atualizar e pressione



para selecionar.

O rádio é atualizado e mostra a lista de redes mais recente.

#### 7.6.34.7

### Adicionar uma Rede



#### **OBSERVAÇÃO:**

Esta tarefa não se aplica a redes de Wi-Fi WPA Comercial.

Se nenhuma rede preferencial estiver disponível na lista, realize as seguintes ações para adicionar uma rede.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Wi-Fi e pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Redes e pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Adicionar Rede e pressione  para selecionar.

---

- 5 Digite o SSID (Service Set Identifier, Identificador de Conjunto de Serviço) e pressione .

---

- 6 Pressione ▲ ou ▼ para Abrir e pressione  para selecionar.

---

- 7 Digite a senha e pressione .

O rádio exibe uma mininota positiva para indicar que a rede foi salva.

#### 7.6.34.8

### Visualizar Detalhes de Pontos de Acesso de Rede

Você pode exibir os detalhes dos pontos de acesso à rede.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Wi-Fi e pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Redes e pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para um ponto de acesso de redes e pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para Exibir Detalhes e pressione  para selecionar.



#### **OBSERVAÇÃO:**

Wi-Fi WPA Pessoal e Wi-Fi WPA Comercial apresentam diferentes detalhes de Pontos de Acesso à Rede.

#### **Wifi WPA Pessoal**

Para um ponto de acesso à rede conectado, seu rádio exibe o SSID (Service Set Identifier, identificador de conjunto de serviço), o Modo de Segurança, o endereço MAC (Media Access Control, controle de acesso de mídia) e o endereço IP (Internet Protocol, protocolo de Internet).

Para um ponto de acesso à rede não conectado, seu rádio exibe o SSID e o Modo de Segurança.

#### **Wi-Fi WPA Comercial**

Para um ponto de acesso à rede conectado, seu rádio exibe o SSID, o Modo de Segurança, a Identidade, o Método EAP (Extended Authentication Protocol,

protocolo de autenticação estendido), a Autenticação Fase 2, o Nome do Certificado, o endereço MAC, o endereço IP, o Gateway, o DNS1 e o DNS2.

Para um ponto de acesso à rede não conectado, seu rádio exibe o SSID, o Modo de Segurança, a identidade, o Método EAP, a Autenticação fase 2 e o Nome do Certificado.

#### **7.6.34.9**

### **Remover Pontos de Acesso de Rede**



#### **OBSERVAÇÃO:**

Esta tarefa não se aplica a redes de Wi-Fi Comercial.

Realize as ações a seguir para remover da lista de perfil pontos de acesso à rede.

1

Pressione  para acessar o menu.

2

Pressione ▲ ou ▼ para Wi-Fi e pressione  para selecionar.

3 Pressione ▲ ou ▼ para **Redes** e pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para o ponto de acesso selecionado da rede e pressione  para selecionar.

---

5 Pressione ▲ ou ▼ para **Remover** e pressione  para selecionar.

---

6 Pressione ▲ ou ▼ para **Sim** e pressione  para selecionar.

O rádio mostra uma mininota positiva para indicar que o ponto selecionado de acesso à rede foi removido com sucesso.

---

## Programação do Painel Frontal

Você pode personalizar determinados parâmetros de recursos na FPP (Front Panel Programming, programação do painel frontal) para otimizar o uso do rádio.

Use os botões a seguir, conforme necessário, ao navegar pelos parâmetros de recursos.

### Botão de Navegação Cima/Baixo

Pressione para navegar horizontal ou verticalmente pelas opções ou aumentar ou diminuir os valores.

### Botão Menu/OK

Pressione para selecionar a opção ou inserir um submenu.

### Botão Retornar/Início

Pressione brevemente para retornar ao menu anterior ou para sair da tela de seleção.

Mantenha pressionado a qualquer momento para voltar à tela Inicial.

## 7.6.35.1

## Entrar no Modo de Programação do Painel Frontal

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Programar Rádio. Pressione  para selecionar.

---

## 7.6.35.2

## Editar os Parâmetros do Modo FPP

Use os botões a seguir, conforme necessário, ao navegar pelos parâmetros do recurso.

- ▲ , ▼ – Percorra as opções, aumente/diminua valores ou navegue verticalmente.
-  – Selecione a opção ou insira um submenu.

-  – Pressione brevemente para retornar ao menu anterior ou para sair da tela de seleção. Mantenha pressionado para retornar à Tela Inicial.

## 7.7

## Serviços Públicos

Este capítulo explica as operações dos utilitários disponíveis no rádio.

## 7.7.1

### Opções de Bloqueio do Teclado

Com esse recurso, você pode evitar que os botões sejam pressionados acidentalmente ou que os canais sejam alterados quando o rádio não está em uso. Você pode optar por bloquear o teclado, botão seletor de canal, ou ambos; dependendo dos seus requisitos.

O revendedor pode usar o CPS/RM para configurar uma das seguintes opções:

- Bloquear Teclado
- Botão Seletor de Canal
- Botão de Bloqueio de Teclado e botão Seletor de Canal

Entre em contato com seu revendedor para determinar como seu rádio foi programado.

#### 7.7.1.1

### Ativar o Opção de Bloqueio do Teclado

As etapas a seguir são aplicáveis para a opção Bloquear teclado, Bloquear Botão Seletor de Canal, ou Bloquear Teclado e Botão Seletor de Canal, dependendo de como o rádio foi configurado.

- 1 Execute uma das seguintes opções:
  - Pressione o botão programado **Bloq. do rádio**. Pule as etapas a seguir.

- Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Bloq. do Teclado.

Pressione  para selecionar.

O monitor exibe Bloqueado.

#### 7.7.1.2

### Desativar a opção Bloqueio do Teclado

As etapas a seguir são aplicáveis para a opção Bloquear teclado, Bloquear Botão Seletor de Canal, ou Bloquear Teclado e Botão Seletor de Canal, dependendo de como o rádio foi configurado.

Execute uma das seguintes opções:

- Pressione o botão programado **Bloq. do rádio**.
- Quando o monitor exibe Menu e \* para

desbloquear, pressione  seguido de .

O monitor exibe Desbloqueado.



## 7.7.2

## Ativar ou Desativar a Transferência de Chamadas

Você pode habilitar o rádio para encaminhar automaticamente chamadas de voz para outro rádio.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Encaminhamento de Chamadas. Pressione  para selecionar.

---

- 5 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para habilitar o Encaminhamento de Chamadas. Se ativado, ✓ será exibido ao lado de Ativado.
- Pressione ▲ ou ▼ para desabilitar o Encaminhamento de Chamadas. Se desativado, o ✓ desaparece do lado de Ativado.

## 7.7.3

## Identificar o Tipo de Cabo

Siga as etapas a seguir para selecionar o tipo de cabo usado pelo rádio.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Tipo de Cabo.

Pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para alterar a opção selecionada.

O tipo de cabo atual é indicado por um ✓.

---

#### 7.7.4

### Lista de Recebimento Flexível

A Lista de Recebimento Flexível é um recurso que permite criar e atribuir membros na lista de recebimento de chamada em grupo. O rádio pode suportar um máximo de 16 membros na lista. Essa função não é suportada no Capacity Plus.

#### 7.7.4.1

### Ativar ou Desativar a Lista de Recebimento Flexível

Siga o procedimento para ativar ou desativar a Lista de Recebimento Flexível.

- 1 Execute uma das seguintes opções:

- Pressione o botão programado **Lista de Recebimento Flexível**. Pule as etapas a seguir.

- Pressione  para acessar o menu.
- 

- 2 Pressione ▲ ou ▼ para Lista Rx Flex.

Pressione  para selecionar.

---

- 3 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Ativar. Pressione

 para selecionar.

Um tom indicador positivo é emitido.

O visor mostra uma mininota positiva.

- Pressione ▲ ou ▼ para Desativar. Pressione

 para selecionar.

Um tom indicador negativo é emitido.

O visor exibirá uma mininota negativa.

---

## 7.7.4.2

## Adicionar Novas Entradas à Lista de Recebimento Flexível

Siga o procedimento para adicionar novos membros ao grupo de conversação de destino.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Lista Rx Flex. Pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para Visualizar/Editar Lista. Pressione  para selecionar.

---

- 6 Pressione ▲ ou ▼ para Adicionar Membro.

Pressione  para selecionar.

---

- 7 Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar. O monitor exibirá uma mininota positiva e, em seguida, Adicionar Outro?.
- 

- 8 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Sim para adicionar outra entrada. Pressione  para selecionar. Repita [etapa 7](#).
  - Pressione ▲ ou ▼ para Não para salvar a lista atual. Pressione  para selecionar.
-

## 7.7.4.3

## Excluir Entradas da Lista de Recebimento Flexível

Siga o procedimento para excluir os membros da lista do grupo de conversação de destino do rádio.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Lista Rx Flex. Pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para Visualizar/Editar Lista. Pressione  para selecionar.

---

- 6 Pressione ▲ ou ▼ para o alias ou ID do rádio, conforme solicitado. Pressione  para selecionar.

---

- 7 Pressione ▲ ou ▼ para Excluir. Pressione  para selecionar.

---

- 8 Execute uma das seguintes opções:
  - Pressione ▲ ou ▼ para Sim para excluir a entrada. Pressione  para selecionar. O visor mostra uma mininota positiva.
  - Pressione ▲ ou ▼ para Não. Pressione  para selecionar. O rádio retorna à tela anterior.

---

- 9 Repita da [etapa 6](#) à [etapa 8](#) para excluir outras entradas.

---

- 10 Pressione  para retornar à tela Inicial após a exclusão de todos os aliases ou IDs que você deseja excluir.

---

## 7.7.4.4

## Excluir Entradas da Lista de Recebimento Flexível Usando a Pesquisa de Alias

Siga o procedimento para excluir os membros da lista do grupo de conversação de destino usando a pesquisa por alias.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Lista Rx Flex. Pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para Visualizar/Editar

Lista. Pressione  para selecionar.

---

- 6 Digite o primeiro caractere do alias solicitado.

O visor mostrará um cursor intermitente.

---

- 7 Insira o restante dos caracteres do alias desejado.

A pesquisa de alias não diferencia maiúsculas e minúsculas. Se houver duas ou mais entradas com o mesmo nome, o visor exibirá a primeira entrada da lista.

A primeira linha de texto exibirá os caracteres digitados. O texto seguinte exibirá os resultados da pesquisa.

---

- 8 Pressione  para selecionar.
- 

- 9 Pressione ▲ ou ▼ para Excluir. Pressione  para selecionar.
- 

- 10 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Sim para excluir a entrada. Pressione  para selecionar. O visor mostra uma mininota positiva.

- Pressione ▲ ou ▼ para Não. Pressione  para selecionar. O rádio retorna à tela anterior.

- 11 Pressione  para retornar à tela Inicial após a exclusão de todos os aliases ou IDs que você deseja excluir.

### 7.7.5

## Definir o Temporizador do Menu

Você pode definir o período em que o rádio ficará no menu antes de alternar automaticamente para a tela Inicial. Siga o procedimento para configurar o timer do menu.

- 1 Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Monitor. Pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para Timer do Menu. Pressione  para selecionar.

- 6 Pressione ▲ ou ▼ para a configuração pretendida. Pressione  para selecionar.

### 7.7.6

## Texto para fala

A função de Texto para fala pode ser ativada apenas pelo revendedor. Se o Texto para Fala estiver ativado, o

recurso de Notificação de Voz será desativado automaticamente. Se a Notificação de Voz ativado, a função de Texto para Fala é desativada automaticamente.

Esse recurso permite que o rádio indique de forma audível os seguintes recursos:

- Canal Atual
- Zona Atual
- Recurso de botão programado ativado ou desativado
- Conteúdo das mensagens de texto recebidas
- Conteúdo dos Tíquetes de Trabalho recebidos

Esse indicador sonoro pode ser personalizado de acordo com os requisitos do cliente. Essa função é útil em situações nas quais é difícil ler o conteúdo exibido no visor.

#### 7.7.6.1

### Configurar Texto para Fala

Siga o procedimento para configurar a função Texto para Fala.

- 1 Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Notificação de Voz. Pressione  para selecionar.

- 5 Pressione ▲ ou ▼ para qualquer uma das funções a seguir. Pressione  para selecionar. As funções disponíveis são as seguintes.

- Todos
- Mensagens
- Tíquetes de trabalho
- Canal
- Controlador de

- Programar botão
- ✓ aparece ao lado da configuração selecionada.

## 7.7.7

## Ativar ou Desativar o Supressor de Feedback Acústico

O recurso permite que o usuário minimize o feedback acústico em chamadas recebidas. Siga o procedimento para ativar ou desativar o Supressor de Feedback Acústico no rádio.

- 1 Execute uma das seguintes opções:
  - Pressione o botão programado **Supressor AF**. Pule as etapas a seguir.
  - Pressione  para acessar o menu.
- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Supressor AF. Pressione  para selecionar.

- 5 Execute uma das seguintes opções:

- Pressione  para ativar o Supressor de Feedback Acústico.
- Pressione  para desativar o Supressor de Feedback Acústico.

Se ativado, ✓ será exibido ao lado de Ativado. Se desativado, o ✓ desaparece do lado de Ativado.



## 7.7.8

## Ativar ou Desativar o Sistema Global de Navegação por Satélite

O GNSS (Global Navigation Satellite System, sistema global de navegação por satélite) é um sistema de navegação via satélite que determina a localização precisa do rádio. GNSS inclui o Sistema de Posicionamento Global (GPS), o Sistema de Satélites de Navegação Global (GLONASS) e o Sistema de Satélites de Navegação BeiDou (BDS).



### OBSERVAÇÃO:

Modelos de rádio selecionados podem oferecer GPS, GLONASS e BDS. A constelação GNSS é configurada via CPS. Verifique com seu fornecedor ou administrador do sistema como seu rádio foi programado.

1

2 Execute uma das seguintes etapas para alternar entre GNSS ativado ou desativado no seu rádio.

- Pressione o botão programado **GNSS**.

- Pressione  para acessar o menu. Vá para a próxima etapa.

3 Pressione  ou  para Utilitários. Pressione  para selecionar.

4 Pressione  ou  para Configurações do rádio. Pressione  para selecionar.

5 Pressione  ou  para GNSS. Pressione  para selecionar.

6 Pressione  para ativar ou desativar o GNSS.  
Se ativado,  será exibido ao lado de Ativado.  
Se desativado, o  desaparece do lado de Ativado.

## 7.7.9

## Ativar ou Desativar a Tela de Abertura

É possível habilitar e desabilitar a Tela de Abertura com o procedimento a seguir.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Monitor. Pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para Tela Abertura. Pressione  para selecionar.

---

6

Pressione  para habilitar ou desabilitar a Tela de Abertura.

O visor exibe um dos seguintes resultados:

- Se ativado, ✓ será exibido ao lado de Ativado.
- Se desativado, o ✓ desaparece do lado de Ativado.

## 7.7.10

## Ativar ou Desativar os Tons/Alertas do Rádio

Se necessário, você pode habilitar e desabilitar todos os tons e alertas de rádio, exceto o tom de alerta de Emergência de entrada. Siga o procedimento para ativar ou desativar tons e alertas no rádio.

- 1 Execute uma das seguintes opções:
  - Pressione o botão **Tons/Alertas** programado. Pule as etapas a seguir.
  - Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

4 Pressione ▲ ou ▼ para Tons/Alertas. Pressione  para selecionar.

5 Pressione ▲ ou ▼ para Todos os Tons. Pressione  para selecionar.

6 Pressione  para ativar ou desativar todos os tons e alertas. O visor exibe um dos seguintes resultados:

- Se ativado, ✓ será exibido ao lado de Ativado.
- Se desativado, o ✓ desaparece do lado de Ativado.

## 7.7.11

# Configurar Níveis de Diferença de Volume de Tons/Alertas

Esse recurso ajusta o volume dos tons/alertas, permitindo que ele seja mais alto ou mais baixo do que o volume de voz. Siga o procedimento para configurar os níveis de ajuste de volume para tons e alertas no rádio.

1 Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

4 Pressione ▲ ou ▼ para Tons/Alertas. Pressione  para selecionar.

5 Pressione ▲ ou ▼ para Dif. Volume Pressione  para selecionar.

---

6 Pressione ▲ ou ▼ para o nível de diferença de volume desejado.

Um tom de retorno é emitido para cada nível de diferença de volume correspondente.

---

7 Execute uma das seguintes opções:

- Pressione  para selecionar. O nível de diferença de volume necessário é salvo.
  - Pressione  para sair. As alterações são descartadas.
- 

1 Pressione  para acessar o menu.

---

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Tons/Alertas. Pressione  para selecionar.

---

5 Pressione ▲ ou ▼ para Permitir Falar. Pressione  para selecionar.

---

6 Pressione  para ativar/desativar o Tom de Permissão de Conversa.

O visor exibe um dos seguintes resultados:

- Se ativado, ✓ será exibido ao lado de Ativado.

### 7.7.12

## Ativar ou Desativar Tom Permitir Falar

Siga o procedimento para ativar ou desativar o Tom Permitir Falar no rádio.

- Se desativado, o  desaparece do lado de Ativado.

### 7.7.13

## Ativar ou Desativar o Tom Ligar

Siga o procedimento para ativar ou desativar o Tom Ligar no rádio.

- 1 Pressione  para acessar o menu.
- 2 Pressione  ou  para Utilitários. Pressione  para selecionar.
- 3 Pressione  ou  para Configurações do rádio. Pressione  para selecionar.
- 4 Pressione  ou  para Tons/Alertas. Pressione  para selecionar.

### 5

Pressione  ou  para Ligar. Pressione  para selecionar.

### 6

Pressione  para habilitar ou desabilitar o Tom de Inicialização. O visor exibe um dos seguintes resultados:

- Se ativado,  será exibido ao lado de Ativado.
- Se desativado, o  desaparece do lado de Ativado.

### 7.7.14

## Configurar Tons de Alerta de Mensagem de Texto

Você pode personalizar o tom de alerta de mensagem de texto para cada entrada da Lista de Contatos. Siga o procedimento para configurar os tons de alerta de mensagem de texto no rádio.

### 1

Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Contatos. Pressione



para selecionar.

- 3 Pressione ▲ ou ▼ para o alias ou ID do rádio,  
conforme solicitado. Pressione



para selecionar.

- 4 Pressione ▲ ou ▼ para Alerta de Mensagem.

Pressione



para selecionar.

- 5 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Momentâneo.

Pressione



para selecionar.

O visor exibirá ✓ ao lado de Momentâneo.

- Pressione ▲ ou ▼ para Repetitivo.

Pressione



para selecionar.

O visor exibirá ✓ ao lado de Repetitivo.

## Níveis de Energia

Você pode personalizar a configuração de energia do rádio para alta ou baixa em cada canal.

### Alto

Alta permite a comunicação com rádios localizados a uma distância considerável de você.

### Low

Baixa permite a comunicação com rádios mais próximos.



### OBSERVAÇÃO:

Esse recurso não se aplica a canais de Banda Civil que estão na mesma frequência.

#### 7.7.15.1

## Configuração de Níveis de Energia

Siga o procedimento para configurar os níveis de energia no rádio.

- 1 Execute uma das seguintes opções:

- Pressione o botão **Nível de Potência** programado. Ignorar as etapas abaixo.

- Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

4 Pressione ▲ ou ▼ para Energia. Pressione  para selecionar.

5 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Alta. Pressione  para selecionar.  
O monitor exibirá ✓ ao lado de Alto.
- Pressione ▲ ou ▼ para Baixa. Pressione  para selecionar.  
O monitor exibirá ✓ ao lado de Baixo.

6 Mantenha  pressionado para retornar à Tela Inicial.

## 7.7.16

### Alterar Modos do Monitor

Você pode alterar o modo do visor do rádio entre Dia ou Noite, conforme necessário. Esse recurso afeta a paleta de cores do visor. Siga o procedimento para alterar o modo de exibição do rádio.

1 Execute uma das seguintes opções:

- Pressione o botão **Modo de Exibição** programado. Pule as etapas a seguir.

- Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

4 Pressione ▲ ou ▼ para Monitor. Pressione  para selecionar.  
O monitor mostra Modo dia e Modo noite.

5 Pressione ▲ ou ▼ para a configuração pretendida. Pressione  para selecionar.  
O monitor exibirá ✓ ao lado da configuração selecionada.

#### 7.7.17

### Ajustar o Brilho do Visor

Siga o procedimento para ajustar o brilho do visor do rádio.

- 1 Execute uma das seguintes opções:
  - Pressione o botão programado de **Brilho**. Pule as etapas a seguir.

- Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

4 Pressione ▲ ou ▼ para Brilho. Pressione  para selecionar.  
O visor exibirá uma barra de progresso.

5 Pressione ▲ ou ▼ para aumentar ou diminuir o brilho do visor. Pressione  para selecionar.



## 7.7.18

## Definir Tempo da Luz de Fundo do Visor

Você pode o timer da luz de fundo do visor do rádio conforme necessário. A configuração também afeta os botões de Navegação no Menu e a luz de fundo do teclado de forma adequada. Siga o procedimento para configurar o timer da luz de fundo no rádio.

- 1 Execute uma das seguintes opções:
  - Pressione o botão **Luz de Fundo** programado. Pule as etapas a seguir.
  - Pressione  para acessar o menu.
- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.
- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

4

Pressione ▲ ou ▼ para Monitor. Pressione  para selecionar.

5

Pressione ▲ ou ▼ para Timer da Luz de Fundo. Pressione  para selecionar.

A luz de fundo do visor e a luz de fundo do teclado serão automaticamente desligadas se o indicador de LED for desabilitado. Consulte [Ativar ou Desativar os Indicadores de LED na página 249](#) para obter mais informações.

## 7.7.19

## Ativar ou Desativar Luz de Fundo

Você pode ativar ou desativar a opção de da luz de fundo do rádio automática conforme necessário. Se habilitada, a luz de fundo é ligada quando o rádio receber uma chamada, evento da Lista de Notificações ou Alarme de Emergência.

1

Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione



para selecionar.

- 3 Pressione ▲ ou ▼ para Configurações do

rádio. Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Luz de Fundo Automática.

- 5 Pressione  para ativar ou desativar a Luz de Fundo Automática.

O visor exibe um dos seguintes resultados:

- Se ativado, ✓ será exibido ao lado de Ativado.
- Se desativado, o ✓ desaparece do lado de Ativado.

## Níveis de Silenciador

É possível ajustar o nível do silenciador para filtrar chamadas indesejadas com baixo sinal ou canais com ruído de fundo mais alto do que o normal.

### Normal

Essa é a configuração padrão.

### Rígido

Rígido filtra chamadas indesejadas e/ou ruído de fundo. No entanto, chamadas de locais remotos também podem ser filtradas.



### OBSERVAÇÃO:

Esse recurso não se aplica a canais de Banda Civil que estão na mesma frequência.

### 7.7.20.1

## Configurar Níveis de Silenciador

Siga o procedimento para configurar os níveis de silenciador no rádio.

- 1 Execute uma das seguintes opções:

- Pressione o botão **Rígido**. Pule as etapas a seguir.

- Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

4 Pressione ▲ ou ▼ para Silenciador. Pressione  para selecionar.

5 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Normal. Pressione  para selecionar.  
O monitor exibirá ✓ ao lado de Normal.
- Pressione ▲ ou ▼ para Rígido. Pressione  para selecionar.

O monitor exibirá ✓ ao lado de Rígido.

A tela volta automaticamente para o menu anterior.

### 7.7.21

## Ativar ou Desativar os Indicadores de LED

Siga o procedimento para ativar ou desativar os indicadores de LED no rádio.

1 Pressione  para acessar o menu.

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

4 Pressione ▲ ou ▼ para Indicador de LED. Pressione  para selecionar.

- 5 Pressione  para ativar ou desativar o indicador de LED.

O visor exibe um dos seguintes resultados:

- Se ativado,  será exibido ao lado de Ativado.
- Se desativado, o  desaparece do lado de Ativado.

- 4 Pressione  ou  para Idiomas. Pressione  para selecionar.

- 5 Pressione  ou  para o idioma pretendido.

Pressione  para selecionar.

O monitor exibirá  ao lado do idioma selecionado.

#### 7.7.22

### Configurar Idiomas

Siga o procedimento para configurar os idiomas no rádio.

- 1 Pressione  para acessar o menu.
- 2 Pressione  ou  para Utilitários. Pressione  para selecionar.
- 3 Pressione  ou  para Configurações do rádio. Pressione  para selecionar.

#### 7.7.23

### Transmissão Operada por Voz

A função de Transmissão Operada por Voz (VOX) permite que você inicie uma chamada habilitada por voz sem o uso das mãos em um canal programado. O rádio transmite automaticamente, por um período programado, sempre que o microfone do acessório habilitado para VOX detecta voz.



#### OBSERVAÇÃO:

Esse recurso não se aplica a canais de Banda Civil que estão na mesma frequência.

É possível ativar ou desativar a função VOX através de um dos seguintes procedimentos:

- Desligue o rádio e ligue-o novamente para ativar a função VOX.
- Altere o canal pelo botão **Seletor de Canal** para ativar o VOX.
- Ative ou desative o VOX por meio do botão programado **VOX** ou o menu para ativar ou desativar o VOX.
- Pressione o botão **PTT** durante a operação do rádio para desativar o VOX.



### OBSERVAÇÃO:

Ativar ou desativar essa função limita-se a rádios com essa função habilitada. Obtenha mais informações com seu revendedor ou administrador do sistema.

#### 7.7.23.1

## Ativar ou Desativar Transmissão Operada por Voz

Siga o procedimento para ligar ou desligar o VOX no rádio.

- 1 Execute uma das seguintes opções:
  - Pressione o botão programado **VOX**. Ignorar as etapas abaixo.

- Pressione  para acessar o menu.

- 
- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

- 
- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

- 
- 4 Pressione ▲ ou ▼ para VOX. Pressione  para selecionar.

- 
- 5 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Ligar. Pressione  para selecionar. O visor exibe ✓ ao lado de Ligado.

- Pressione ▲ ou ▼ para Desligar. Pressione



para selecionar. O visor exibe ✓ ao lado de Desligado.



#### OBSERVAÇÃO:

Se o Tom Permitir Falar estiver habilitado, use uma palavra para iniciar a chamada. Espere que o Tom Permitir Falar termine antes de falar claramente ao microfone. Consulte [Ativar ou Desativar Tom Permitir Falar na página 243](#) para obter mais informações.

#### 7.7.24

### Ativar ou Desativar Placa Opcional

Os recursos da placa opcional em cada canal podem ser atribuídos a botões programáveis. Siga o procedimento para ativar ou desativar a placa opcional no rádio.

Pressione o botão programado **Placa Opcional**.

#### 7.7.25

### Ativar ou Desativar a Notificação de VOZ

Essa função permite que o rádio indique sonoramente a zona ou o canal atual que o usuário acabou de atribuir ou o botão programável que o usuário acabou de pressionar.

Isto costuma ser útil em situações em que o usuário tem dificuldade em ler o conteúdo exibido no visor.

Esse indicador de áudio pode ser personalizado de acordo com as necessidades do cliente. Siga o procedimento para ativar ou desativar a Notificação de Voz no rádio.

- 1 Execute uma das seguintes opções:

- Pressione o botão programado **Anúncio de Voz**. Pule as etapas a seguir.
- Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione



para selecionar.

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  OK para selecionar.

---

4 Pressione ▲ ou ▼ para Notificação de Voz. Pressione  OK para selecionar.

---

5 Pressione  OK para ativar/desativar a Anúncio de Voz.

- Se ativado, ✓ será exibido ao lado de Ativado.
- Se desativado, o ✓ desaparece do lado de Ativado.

---

#### 7.7.26

## Ativar ou Desativar o Microfone Digital AGC

O Microfone Digital AGC (Controle de Ganho Automático) controla o ganho do microfone do rádio automaticamente durante a transmissão em um sistema digital.

Ele suprime o áudio alto ou amplia o áudio baixo para um valor predefinido para oferecer um nível consistente de áudio. Siga o procedimento para ativar ou desativar o Microfone Digital AGC do rádio.

1 Pressione  OK para acessar o menu.

---

2 Pressione ▲ ou ▼ para Utilitários. Pressione  OK para selecionar.

---

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  OK para selecionar.

---

4 Pressione ▲ ou ▼ para Mic AGC-D. Pressione  OK para selecionar.

---

5 Pressione  OK para ativar ou desativar AGC de Microfone Digital.

O visor exibe um dos seguintes resultados:

- Se ativado, ✓ será exibido ao lado de Ativado.

- Se desativado, o  desaparece do lado de Ativado.

## 7.7.27

## Ativar ou Desativar o Microfone Analógico AGC

O Microfone Analógico AGC (Controle de Ganho Automático) controla o ganho do microfone do rádio automaticamente durante a transmissão em um sistema analógico.

Ele suprime o áudio alto ou amplia o áudio baixo para um valor predefinido para oferecer um nível consistente de áudio. Siga o procedimento para ativar ou desativar o Microfone Analógico AGC do rádio.

- 1 Pressione  para acessar o menu.
- 2 Pressione  ou  para Utilitários. Pressione  para selecionar.

- 3 Pressione  ou  para Configurações do rádio. Pressione  para selecionar.

- 4 Pressione  ou  para Mic AGC-A. Pressione  para selecionar.

- 5 Pressione  para ativar ou desativar AGC de Microfone Analógico.

O visor exibe um dos seguintes resultados:

- Se ativado,  será exibido ao lado de Ativado.
- Se desativado, o  desaparece do lado de Ativado.



## 7.7.28

## Alternar a Rota de Áudio entre o Alto-Falante Interno do Rádio e o Acessório com Fio

Siga o procedimento para alternar a rota de áudio entre o alto-falante interno do rádio e o acessório com fio.

Você pode alternar entre o a rota de áudio entre o alto-falante interno do rádio e o alto-falante de um acessório com fio contanto que:

- O acessório com fios com alto-falante esteja conectado.
- O áudio não está roteado para um acessório externo para Bluetooth.

Pressione o botão **Alternância de Áudio** programado.

Será emitido um som quando a rota de áudio for alternada.

Desligar o rádio ou desconectar o acessório redefine o roteamento de áudio para alto-falante interno do rádio.

## 7.7.29

## Ativar ou Desativar o Áudio Inteligente

Seu rádio ajusta automaticamente o volume de áudio para superar o ruído de fundo atual no ambiente, inclusive de todas as fontes de ruído estacionárias ou não estacionárias. Essa função é somente para recepção e não afeta o áudio da transmissão. Siga o procedimento para ativar ou desativar o áudio inteligente do rádio.



### OBSERVAÇÃO:

Essa função não é aplicável durante uma sessão de Bluetooth.

#### 1 Execute uma das seguintes opções:

- Pressione o botão programado **Áudio Inteligente**. Ignorar as etapas abaixo.

- Pressione  para acessar o menu.

#### 2 Pressione ou para Utilitários. Pressione

-  para selecionar.

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Áudio Inteligente. Pressione  para selecionar.

---

5 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Ligar. Pressione  para selecionar. O visor exibe ✓ ao lado de Ligado.
  - Pressione ▲ ou ▼ para Desligar. Pressione  para selecionar. O visor exibe ✓ ao lado de Desligado.
- 

### 7.7.30

## Ativar e Desativar Aprimoramento de Trinado

Você pode habilitar este recurso quando estiver falando em um idioma que contenha pronúncias com muitas

vibrações alveolares. Siga o procedimento para ativar ou desativar a Melhoria Sonora no rádio.

1 Execute uma das seguintes opções:

- Pressione o botão programado **Melhoria Sonora**. Ignorar as etapas abaixo.

- Pressione  para acessar o menu.
- 

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Melhoria Sonora. Pressione  para selecionar.

---

5 Execute uma das seguintes opções:

- Pressione ▲ ou ▼ para Ligar. Pressione  para selecionar. O visor exibe ✓ ao lado de Ligado.
- Pressione ▲ ou ▼ para Desligar. Pressione  para selecionar. O visor exibe ✓ ao lado de Desligado.

### 7.7.31

## Ativar ou Desativar o Recurso Controle de Distorção Dinâmica do Microfone

Com este recurso, o usuário pode ativar o rádio para monitorar automaticamente a entrada do microfone e ajustar o valor de ganho do microfone para evitar perdas de áudio.

- 1 Pressione  para acessar o menu.

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

- 4 Pressione ▲ ou ▼ para Distorção Mic. Pressione  para selecionar.

- 5 Execute uma das seguintes opções:

- Pressione  para habilitar o Controle de Distorção Dinâmica do Microfone. Se ativado, ✓ será exibido ao lado de Ativado.
- Pressione  para desabilitar o Controle de Distorção Dinâmica do Microfone. Se desativado, o ✓ desaparece do lado de Ativado.

## 7.7.32

## Configurar Áudio Ambiente

Siga o procedimento para configurar o áudio ambiente no rádio de acordo com o ambiente.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

- 3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Áudio Ambiente. Pressione  para selecionar.

---

- 5 Pressione ▲ ou ▼ para a configuração pretendida. Pressione  para selecionar.  
As configurações são as seguintes:

- Escolha Padrão para as configurações de fábrica padrão.
- Escolha Alto para aumentar a sonoridade do alto-falante durante o uso em ambientes ruidosos.
- Escolha Grupo de Trabalho para reduzir o retorno acústico quando estiver usando com um grupo de rádios que estão próximos um do outro.

O monitor exibirá ✓ ao lado da configuração selecionada.

## 7.7.33

## Como Configurar Perfis de Áudio

Siga o procedimento para configurar os perfis de áudio no rádio.

- 1 Pressione  para acessar o menu.

---

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Configurações do rádio. Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Perfis de Áudio. Pressione  para selecionar.

---

5 Pressione ▲ ou ▼ para a configuração pretendida. Pressione  para selecionar.

As configurações são as seguintes:

- Escolha Padrão para desativar o perfil de áudio selecionado anteriormente e restaurar as configurações de fábrica padrão.
- Escolha Nível 1, Nível 2 ou Nível 3 para perfis de áudio destinados a compensar as perdas auditivas típicas de adultos com mais de 40 anos de idade.
- Escolha Reforço de Agudos, Reforço de Médio, ou Reforço de Grave para perfis de

áudio adequados às suas preferências por tons mais agudos, nasais ou graves.

O monitor exibirá ✓ ao lado da configuração selecionada.

---

#### 7.7.34

### Informações Gerais do Rádio

O rádio contém informações sobre vários parâmetros gerais.

As informações gerais do seu rádio são as seguintes:

- Informações da bateria.
- Nome e ID do rádio.
- Versões de Firmware e Codeplug.
- Atualização de software.
- Informações do GNSS.
- Informações do site.

- Indicador de Intensidade do Sinal Recebido.



#### OBSERVAÇÃO:

Pressione  para retornar à tela anterior.

Mantenha  pressionado para retornar à Tela Inicial. O rádio sai da tela atual assim que o temporizador de inatividade expira.

#### 7.7.34.1

### Acessar Informações da Bateria

Exibe informações sobre a bateria do rádio.

1

Pressione  para acessar o menu.

2

Pressione  ou  para Utilitários. Pressione  para selecionar.

3

Pressione  ou  para Info do Rádio. Pressione  para selecionar.

- 4 Pressione  ou  para Info da

Bateria. Pressione  para selecionar.



#### OBSERVAÇÃO:

Somente para baterias **IMPRES**: O monitor exibe Recondicionar Bateria quando a bateria exigir recondicionamento em um carregador IMPRES. Após o processo de recondicionamento, o monitor exibirá as informações da bateria.

O monitor exibe as informações da bateria.



#### OBSERVAÇÃO:

Para uma bateria não compatível, o visor mostra Bateria Desconhecida.

#### 7.7.34.2

### Verificar Alias e ID do Rádio

- 1 Execute uma das seguintes opções:

- Pressione o botão programado **Alias e ID do Rádio**. Pule as etapas a seguir. Um tom indicador positivo é emitido.

Você também pode pressionar o botão programado **Alias e ID do Rádio** para retornar à tela anterior.

- Pressione  para acessar o menu.

---

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Info do Rádio.  
Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Meu ID. Pressione  para selecionar.  
A primeira linha de texto exibirá o alias do rádio. A segunda linha do texto exibirá o ID do rádio.

### 7.7.34.3

## Verificar versões de firmware e codeplug

1 Pressione  para acessar o menu.

---

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Info do Rádio.  
Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Versões. Pressione  para selecionar.  
O visor exibe as versões atuais de firmware e codeplug.

### 7.7.34.4

## Verificar Informações do GNSS

Exibe as informações de GNSS no rádio, como valores de:

- Latitude
- Longitude
- Altitude
- Direção
- Velocidade
- HDOP (Horizontal Dilution of Precision, diluição da precisão horizontal)
- Satélites
- Versão

1 Pressione  para acessar o menu.

---

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---

3 Pressione ▲ ou ▼ para Info do Rádio.  
Pressione  para selecionar.

---

4 Pressione ▲ ou ▼ para Info do GNSS. Pressione  para selecionar.

---

5 Pressione ▲ ou ▼ para o item necessário.

Pressione  para selecionar. O monitor exibe as informações de GNSS solicitadas.

---

#### 7.7.34.5

### Verificar Informações de Atualização de Software

Esse recurso exibe a data e a hora de atualização mais recente do software realizada por OTAP ou Wi-Fi. Siga o procedimento para verificar as informações de atualização do software no rádio.

1 Pressione  para acessar o menu.

---

2 Pressione ▲ ou ▼ para Utilitários. Pressione  para selecionar.

---



- 3 Pressione ▲ ou ▼ para Info do Rádio.

Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Atualização de

Software. Pressione  para selecionar.

O monitor de LCD exibe a data e hora da última atualização do software.

---

O menu Atualização de Software fica disponível apenas depois de pelo menos uma sessão OTAP ou Wi-Fi realizada com sucesso. Consulte [Programação Over-the-Air na página 579](#) para obter mais informações.

#### 7.7.34.6

### Exibir Informações do Site

Siga o procedimento para exibir o nome do site atual do seu rádio.

- 1 Pressione  para acessar o menu.
- 

- 2 Pressione ▲ ou ▼ para Utilitários. Pressione

 para selecionar.

---

- 3 Pressione ▲ ou ▼ para Informações do Rádio.

Pressione  para selecionar.

---

- 4 Pressione ▲ ou ▼ para Informações do Site.

Pressione  para selecionar.

---

O visor mostra o nome do site atual.

#### 7.7.34.7

### Indicador de Intensidade do Sinal Recebido

Esse recurso permite visualizar os valores do Indicador de Intensidade do Sinal Recebido (RSSI).

O visor exibirá o ícone **RSSI** no canto superior direito. Consulte [Ícones do Visor](#) para obter mais informações sobre o ícone **RSSI**.

## 7.7.34.7.1

**Exibição de Valores RSSI**

Na tela inicial, pressione  três vezes e pressione imediatamente , dentro de cinco segundos.

O visor exibe os valores atuais de RSSI.

Para retornar à tela inicial, pressione e segure .

## 7.7.35

**Visualizar Detalhes do Certificado Wi-Fi Comercial**

Você pode exibir os detalhes do Certificado Wi-Fi Comercial selecionado.

1 Pressione  para acessar o menu.

2 Pressione  ou  para Utilitários. Pressione  para selecionar.

3 Pressione  ou  para Menu de Certificado.

Pressione  para selecionar.

✓ aparece do lado dos certificados prontos.

4 Pressione  ou  para o certificado necessário.

Pressione  para selecionar.

Seu rádio exibe os detalhes completos do certificado.

**OBSERVAÇÃO:**

Para os certificados que não estão prontos, o visor mostra somente o status.

## Lista de Acessórios Autorizados

A Motorola Solutions fornece os seguintes acessórios aprovados a fim de aprimorar a produtividade do seu rádio móvel digital bidirecional.

**Tabela 17 :Antena**

| Número da peça | Descrição                            |
|----------------|--------------------------------------|
| PMAD4116_      | Antena Helicoidal VHF, 144 – 165 MHz |
| PMAD4117_      | Antena Helicoidal VHF, 136 – 155 MHz |
| PMAD4118_      | Antena Helicoidal VHF, 152 – 174 MHz |
| PMAD4119_      | Antena grossa VHF, 136 – 148 MHz     |
| PMAD4120_      | Antena grossa VHF, 146 – 160 MHz     |

| Número da peça          | Descrição                                |
|-------------------------|------------------------------------------|
| PMAD4121_               | Antena grossa VHF, 160 – 174 MHz         |
| PMAD4147_               | Antena Whip VHF, 136 – 174 MHz, 20 cm    |
| PMAD4133_ <sup>12</sup> | Antena grossa VHF, 360 – 400 MHz         |
| PMAD4136_ <sup>12</sup> | Antena grossa VHF, 350 – 380 MHz         |
| PMAD4139_ <sup>12</sup> | Antena Whip VHF, 350 – 400 MHz           |
| PMAE4069_               | Antena grossa UHF, 403 – 450 MHz         |
| PMAE4070_               | Antena grossa UHF, 440 – 490 MHz         |
| PMAE4071_               | Antena grossa UHF, 470 – 527 MHz         |
| PMAE4079_               | Antena Whip fina UHF, 403–527 MHz        |
| PMAF4009_               | Antena Whip curta 800/900, 806 – 870 MHz |

<sup>12</sup> Aplica-se somente a teclado completo e sem teclado.

| Número da peça          | Descrição                                |
|-------------------------|------------------------------------------|
| PMAF4010_               | Antena Whip curta 800/900, 896 – 941 MHz |
| PMAF4011_ <sup>13</sup> | Antena Whip 800/900, 806 – 870 MHz       |
| PMAF4012_ <sup>13</sup> | Antena Whip 800/900, 896 – 941 MHz       |

**Tabela 18 :Baterias**

| Número da peça          | Descrição                                                         |
|-------------------------|-------------------------------------------------------------------|
| NNTN8129_ <sup>14</sup> | Bateria IMPRES de Íons de Lítio de Alta Capacidade, 2300 mAh (FM) |

| Número da peça           | Descrição                                                                      |
|--------------------------|--------------------------------------------------------------------------------|
| NNTN8560_                | Bateria Impres IP57 de Íon de Lítio de Alta Capacidade, 2.500 mAh, 2300M 2500T |
| PMNN4406_R <sup>15</sup> | Bateria IP56 Core Slim de íons de lítio, 1600 mAH                              |
| PMNN4407_R <sup>15</sup> | Bateria IMPRES IP56 Core Slim de íons de lítio, 1600 mAH                       |
| PMNN4409_R <sup>15</sup> | Bateria IMPRES Íons de Lítio sem FM, 2250 mAh IP56                             |
| PMNN4435_R <sup>16</sup> | Bateria Li-Mn, 1400 mAh, Submergível, para temperatura baixa de -30 °C (IP67)  |

<sup>13</sup> Aplica-se somente a teclado completo e sem teclado.

<sup>14</sup> Não se aplica a DGP 5550e/DGP 8550e/DGP 5050e/DGP 8050e

<sup>15</sup> Versão B ou posterior.

<sup>16</sup> Seu rádio é compatível com os acessórios listados aqui. Entre em contato com o seu revendedor para obter detalhes.

| Número da peça          | Descrição                                                                       |
|-------------------------|---------------------------------------------------------------------------------|
| PMNN4463_ <sup>17</sup> | Bateria de Íons de Lítio, IP57 2050 mAh                                         |
| PMNN4488_               | Bateria IMPRES de Íons de Lítio, 3000 mAh IP68 para Clipe Vibratório para Cinto |
| PMNN4489_ <sup>18</sup> | Bateria IP68 IMPRES de Íons de Lítio, 2900 mAh TIA 4950 HAZLOC                  |
| PMNN4491_               | Bateria IMPRES de Íons de Lítio Slim, 2100 mAh IP68                             |
| PMNN4493_               | Bateria IP68 IMPRES de Íons de Lítio, 3000 mAh, baixa tensão                    |
| PMNN4543_ <sup>19</sup> | Bateria IP68 Core de íons de lítio, 2450 mAh                                    |

| Número da peça          | Descrição                                      |
|-------------------------|------------------------------------------------|
| PMNN4544_ <sup>19</sup> | Bateria IP68 IMPRES de Íons de Lítio, 2450 mAh |

Tabela 19 :Dispositivos de Transporte

| Número da peça | Descrição                                                             |
|----------------|-----------------------------------------------------------------------|
| PMLN4651_      | Clipe para cinto de 5 cm (2 pol.) de largura                          |
| PMLN5610_      | Alça giratória de cinto de couro para substituição de 6 cm (2,5 pol.) |
| PMLN5611_      | Alça giratória de cinto de couro para substituição de 7,5 cm (3 pol.) |

<sup>17</sup> Seu rádio é compatível com os acessórios listados aqui. Entre em contato com o seu revendedor para obter detalhes.

<sup>18</sup> Aplica-se somente a DGP 5550e/DGP 8550e/DGP 5050e/DGP 8050e.

<sup>19</sup> Aplica-se somente a teclado completo e teclado limitado.

| Número da peça          | Descrição                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------|
| PMLN5839_ <sup>20</sup> | Estojo de couro rígido com alça de cinto fixa de 7,5 cm (3 polegadas) para rádio sem visor                       |
| PMLN5840_ <sup>21</sup> | Estojo de couro rígido com alça de cinto giratória de 7,5 cm (3 pol.) para rádio com teclado completo            |
| PMLN5842_ <sup>21</sup> | Estojo de couro rígido com alça de cinto giratória de 6 cm (2,5 pol.) para rádio com teclado completo e limitado |
| PMLN5843_ <sup>21</sup> | Estojo de couro rígido com alça de cinto giratória de 6 cm (2,5 pol.) para rádio sem visor                       |
| PMLN5844_ <sup>21</sup> | Estojo de náilon com alça de cinto fixa de 7,5 cm (3 pol.) para rádio com teclado completo e limitado            |

| Número da peça          | Descrição                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------|
| PMLN5845_ <sup>20</sup> | Estojo de náilon com alça de cinto fixa de 7,5 cm (3 polegadas) para rádio sem visor       |
| PMLN5846_ <sup>20</sup> | Estojo de couro rígido com alça de cinto giratória de 7,5 cm (3 pol.) para rádio sem visor |
| PMLN7008_               | Clipe para cinto de 6 cm (2,5 pol.) de largura                                             |
| PMLN7296_               | Clipe vibratório para cinto de 6 cm (2,5 pol.) de largura                                  |
| RLN6486_ <sup>22</sup>  | Alça do Rádio em Couro                                                                     |
| RLN6487_ <sup>22</sup>  | Alça do Rádio em Couro, Tamanho XL                                                         |

<sup>20</sup> Aplica-se somente a sem teclado.

<sup>21</sup> Aplica-se somente a teclado completo e teclado limitado.

<sup>22</sup> Seu rádio é compatível com os acessórios listados aqui. Entre em contato com o seu revendedor para obter detalhes.

| Número da peça         | Descrição                            |
|------------------------|--------------------------------------|
| RLN6488_ <sup>22</sup> | Alça do Rádio em Couro Antioscilação |

**Tabela 20 :Carregadores**

| Número da peça         | Descrição                                                          |
|------------------------|--------------------------------------------------------------------|
| EPNN9288_              | Carregador para Viagem Micro USB, Carregamento Rápido              |
| HKVN4036_              | Chave de Licença para Gerenciamento de Frota de Bateria IMPRES     |
| NLN7967_ <sup>23</sup> | Suporte de Montagem em Parede para Carregador para Várias Unidades |
| NNTN7392_              | Leitor de Bateria IMPRES                                           |
| NNTN7616_              | Carregador Veicular IMPRES                                         |

| Número da peça          | Descrição                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------|
| NNTN7677_ <sup>23</sup> | Unidade de Interface de Carregador de Várias Unidade para Gerenciamento de Frota de Bateria IMPRES |
| NNTN8045_ <sup>23</sup> | Unidade de Interface de Carregador de Unidade Única para Gerenciamento de Frota de Bateria IMPRES  |
| NNTN8117_               | Base do carregador para uma unidade, somente base                                                  |
| NNTN8224_               | Carregador Padrão para Única Unidade com Fonte de Alimentação, Linear PRC                          |
| NNTN8225_               | Carregador de Unidade Única, Conector para Argentina                                               |
| NNTN8226_               | Carregador padrão para uma unidade com fonte de alimentação,                                       |

<sup>23</sup> Seu rádio é compatível com os acessórios listados aqui. Entre em contato com o seu revendedor para obter detalhes.

| Número da peça          | Descrição                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | linear, tomada para os Estados Unidos 110 V CA                                                                                                                         |
| NNTN8273_               | Carregador para uma unidade, tomada para a Europa                                                                                                                      |
| NNTN8275_               | Carregador Padrão para Única Unidade com Fonte de Alimentação, Switchmode - 21 W, América do Norte/América Latina                                                      |
| NNTN8280_               | Base do carregador para uma unidade, com fonte de alimentação, tomada para o Brasil                                                                                    |
| NNTN8525_ <sup>24</sup> | Carregador para viagens, carga rápida com adaptador para carregador veicular com tensão regulada, base de carregador personalizada, suporte de montagem e cabo espiral |

| Número da peça | Descrição                                                               |
|----------------|-------------------------------------------------------------------------|
| WPLN4243_      | Carregador de Única Unidade IMPRES para EUA 110 VCA 50/60 HZ            |
| WPLN4211_      | Carregador para várias unidades IMPRES, somente a base                  |
| WPLN4277_      | Carregador para Várias Unidades IMPRES sem Visor - Conector para Brasil |
| WPLN4278_      | Carregador para várias unidades IMPRES com monitor - Tomada do Brasil   |
| WPLN4212_      | Carregador para várias unidades IMPRES, tomada para os Estados Unidos   |
| WPLN4213_      | Carregador para várias unidades IMPRES, 110–230 V, tomada para a Europa |

<sup>24</sup> Seu rádio é compatível com os acessórios listados aqui. Entre em contato com o seu revendedor para obter detalhes.



| Número da peça | Descrição                                                                 |
|----------------|---------------------------------------------------------------------------|
| WPLN4216_      | Carregador para várias unidades IMPRES, plugue argentino                  |
| WPLN4218_      | Carregador para Várias Unidades IMPRES com Visor                          |
| WPLN4219_      | Carregador para várias unidades IMPRES com visor, plugue norte-americano  |
| WLPN4223_      | Carregador para várias unidades IMPRES com visor, tomada para a Argentina |
| WPLN4220_      | Carregador para várias unidades IMPRES com visor, tomada para a Europa    |
| WPLN4225_      | Base do carregador para uma unidade, somente base                         |
| WPLN4226_      | Carregador de Única Unidade IMPRES, Somente a Base                        |
| WPLN4227_      | Base do carregador para uma unidade para os EUA 110 VCA 50/60 Hz          |

| Número da peça | Descrição                                                                                          |
|----------------|----------------------------------------------------------------------------------------------------|
| WPLN4231_      | Base do carregador para uma unidade para a Argentina 220–240 VCA, 50 Hz                            |
| WPLN4232_      | Carregador de única unidade IMPRES, plugue norte-americano                                         |
| WPLN4233_      | Carregador para Única Unidade IMPRES com Visor, Conector para Reino Unido, Conector para Argentina |
| WPLN4234_      | Carregador de única unidade IMPRES, plugue europeu                                                 |
| WPLN4236_      | Carregador para uma unidade IMPRES para a Argentina 220–240 VCA, 50 Hz                             |
| WPLN4239_      | Visor Único para Carregador para Várias Unidades IMPRES EUA                                        |
| WPLN4253_      | Carregador de Única Unidade IMPRES SMPS (América do Norte/ América Latina)                         |

| Número da peça | Descrição                                              |
|----------------|--------------------------------------------------------|
| WPLN4281_      | Carregador de Única Unidade IMPRES, Plugue para Brasil |

**Tabela 21 :Fone Intra-auricular e Fones de Ouvido**

| Número da peça | Descrição                                                     |
|----------------|---------------------------------------------------------------|
| AARLN4885_     | Fone de ouvido inserível no canal auditivo somente receptor   |
| BDN6666_       | Fone Auricular com Controle de Volume                         |
| BDN6728_       | Fone de Ouvido Somente Receptor com Controle de Volume, Preto |
| PMLN4620_      | Fone apenas de recepção D-Shell                               |
| PMLN5096_      | Fone D-Shell                                                  |
| PMLN5101_      | Transdutor para Uso nas Têmporas IMPRES com PTT em Linha      |

| Número da peça          | Descrição                                                                    |
|-------------------------|------------------------------------------------------------------------------|
| PMLN5973_               | Receptor Auricular com Microfone Integrado/PTT, MagOne                       |
| PMLN5975_               | Fone de Ouvido Giratório com MIC/PTT, MagOne                                 |
| PMLN5976_               | Fones de ouvido com Microfone com Haste Integrado e PTT, MagOne              |
| PMLN6069_               | Fone de Ouvido com Microfone Integrado/PTT, MagOne                           |
| PMLN7181_ <sup>25</sup> | Fone de Ouvido Giratório Flexível com Microfone com Haste                    |
| PMLN7203_ <sup>25</sup> | Fone de Ouvido Giratório Flexível com Microfone com Haste, Pacotes Múltiplos |
| PMLN7696_ <sup>25</sup> | Kit de Fone de Ouvido Completamente Discreto                                 |

<sup>25</sup> Seu rádio é compatível com os acessórios listados aqui. Entre em contato com o seu revendedor para obter detalhes.

| Número da peça | Descrição                                                                         |
|----------------|-----------------------------------------------------------------------------------|
| PMLN7851_      | Fone de ouvido PTT sem fio para operações críticas                                |
| RLN4941_       | Fone de ouvido somente receptor                                                   |
| RLN5037_       | Tubos Auriculares para Substituição para Fone de Ouvido CommPort, Conjunto com 10 |
| RLN5313_       | Kit de Vigilância Somente Receptor Contra Ruído, Preto                            |
| RLN5314_       | Kit de Vigilância Somente Receptor Contra Ruído, Bege                             |
| RLN6279_       | Fone de Ouvido Padrão, Preto                                                      |
| RLN6280_       | Fone de Ouvido Padrão, Bege                                                       |
| RLN6283_       | Espuma de Reposição para Fones de Ouvido e Quebra-vento                           |
| RLN6284_       | Fone com Conjunto de Tubo Acústico, Bege                                          |
| RLN6285_       | Fone com Conjunto de Tubo Acústico, Preto                                         |

| Número da peça         | Descrição                                                                                                    |
|------------------------|--------------------------------------------------------------------------------------------------------------|
| RLN6288_               | Fone de Ouvido com Kit de Alto Ruído, Bege                                                                   |
| RLN6289_               | Fone de Ouvido com Kit de Alto Ruído, Preto                                                                  |
| RLN6511_ <sup>25</sup> | Protetores auditivos transparentes EP7 pequenos [Sonic Defenders], ultraprotetores, Redução de ruído = 28 dB |
| RLN6512_ <sup>25</sup> | Protetores auditivos transparentes EP7 médios [Sonic Defenders], ultraprotetores, redução de ruído = 28 dB   |
| RLN6513_ <sup>25</sup> | Protetores auditivos transparentes EP7 grandes [Sonic Defenders], ultraprotetores, redução de ruído = 28 dB  |
| RLN6550_ <sup>25</sup> | Fone de Ouvido Giratório com Microfone Integrado para Kit de Acessórios Pod Bluetooth, Pacote com 3          |

| Número da peça          | Descrição                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NNTN8294_               | Fone de Ouvido com Um fio, Cabo de 29 cm, Preto                                                                                                                                                                                |
| NNTN8295_               | Fone de Ouvido com Um fio, Cabo de 116 cm, Preto                                                                                                                                                                               |
| NNTN8296_               | Kit de Fone de Ouvido Discreto Sem Fio, inclui dois conjuntos de fones de ouvido com 2 fios (1 preto e 1 branco), fone de ouvido com 1 fio (preto) e um adaptador de 3,5 mm para conectar a qualquer headphone pronto para uso |
| NNTN8299_ <sup>26</sup> | Proteções auriculares para fones de ouvido sem fio para operações críticas                                                                                                                                                     |
| NNTN8316_               | Kit para Substituição de Proteções Auriculares para Fone de Ouvido Sem Fio                                                                                                                                                     |

<sup>26</sup> Substituição para NNTN8294\_ e NNTN8295\_

<sup>27</sup> Substituição para NNTN8125\_

| Número da peça          | Descrição                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------|
| WADN4190_               | Receptor Sobre o Ouvido para Microfone/Alto-falante Remoto                                     |
| NTN8821_                | Kit de Manutenção de Fone de Ouvido Sem Fio                                                    |
| NTN8988_                | Alças Auriculares para Fone de Ouvido CommPort (para Fixação Segura à Orelha), Conjunto com 10 |
| NNTN8385_ <sup>25</sup> | Adaptador sem fio em Y com cordão e gancho de retenção para kit completamente discreto         |

**Tabela 22 :Headsets e acessórios**

| Número da peça         | Descrição                                 |
|------------------------|-------------------------------------------|
| NTN2572_ <sup>27</sup> | Cabo de fone de ouvido de 30 cm (12 pol.) |

| Número da peça | Descrição                                                                                         |
|----------------|---------------------------------------------------------------------------------------------------|
| NNTN8125_      | Headset sem fio, não preso, e dispositivo PTT com áudio PTT, cabo de 30 cm (12 pol.)              |
| NNTN8126_      | Headset sem fio, não preso, e dispositivo PTT com áudio PTT, cabo de 24 cm (9,5 pol.)             |
| NNTN8281_      | Headset sem fio e dispositivo PTT com áudio PTT, cabo de 30 cm (12 pol.), tomada para a Argentina |
| NNTN8282_      | Headset sem fio e dispositivo PTT com áudio PTT, cabo de 30 cm (12 pol.), tomada para o Brasil    |
| NNTN8283_      | Headset sem fio e dispositivo PTT com áudio PTT, 24 cm (9,5 pol.), tomada para a Argentina        |
| NNTN8284_      | Headset sem fio e dispositivo PTT com áudio PTT, 24 cm (9,5 pol.), tomada para o Brasil           |
| NNTN8285_      | Dispositivo PTT sem fio, tomada para a Argentina                                                  |

| Número da peça | Descrição                                                                               |
|----------------|-----------------------------------------------------------------------------------------|
| NNTN8286_      | Dispositivo PTT sem fio, tomada para o Brasil                                           |
| NNTN8363_      | Dispositivo PTT sem fio, tomada para a Europa                                           |
| NNTN8364_      | Headset sem fio e dispositivo PTT com áudio PTT, 30 cm (12 pol.), tomada para a Europa  |
| NNTN8365_      | Headset sem fio e dispositivo PTT com áudio PTT, 24 cm (9,5 pol.), tomada para a Europa |
| PMLN5102_      | Headset Ultra-Lite                                                                      |
| PMLN5974_      | Headset leve com microfone com haste e PTT, MagOne                                      |
| PMLN5979_      | Headset Breeze com microfone com haste e PTT, MagOne                                    |
| PMLN6463_      | Kit de Acessórios Sem Fio para Negócio                                                  |
| PMLN6852_      | Headset para serviços pesados de última geração usado atrás da cabeça, GCAI             |

| Número da peça | Descrição                                                                            |
|----------------|--------------------------------------------------------------------------------------|
| PMLN6853_      | Headset para serviços pesados de última geração usado atrás da cabeça, GCAI TIA 4950 |
| PMLN7466_      | Headset para serviços pesados usado sobre a cabeça com GCAI                          |
| PMLN7467_      | Headset para serviços pesados usado sobre a cabeça/TIA com GCAI                      |
| RLN6490_       | Headset XBT sem fio para serviço pesado, usado atrás do pescoço, não preso           |
| RLN6491_       | Headset XBT sem fio para serviço pesado, usado sobre a cabeça, não preso             |
| RLN6492_       | Alça para headset XBT                                                                |
| RLN6493_       | Alça usada atrás do pescoço para headset XBT                                         |
| RLN6495_       | Microfone com haste para headset XBT                                                 |

| Número da peça | Descrição                                             |
|----------------|-------------------------------------------------------|
| RLN6496_       | Adesivos de resfriamento para headset XBT             |
| RLN6497_       | Kit de limpeza para headset XBT                       |
| RLN6498_       | PSU universal 5 V para headset XBT                    |
| RLN6502_       | Kit de acessórios Bluetooth MOTOTRBO para a Argentina |
| RLN6504_       | Kit de acessórios Bluetooth MOTOTRBO para o Brasil    |
| RMN5058_       | Headset leve                                          |

**Tabela 23 :Microfones com Alto-falante Remoto**

| Número da peça | Descrição                                                                 |
|----------------|---------------------------------------------------------------------------|
| NNTN8382_      | Microfone com alto-falante remoto IMPRES, IP57                            |
| NNTN8383_      | Microfone com alto-falante remoto IMPRES, com entrada para fone de ouvido |

| Número da peça          | Descrição                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------|
| PMMN4024_               | Microfone com Alto-falante Remoto                                                              |
| PMMN4025_               | Microfones/alto-falante remoto IMPRES                                                          |
| PMMN4040_               | Microfone com alto-falante remoto, submersível, IP57                                           |
| PMMN4046_               | Microfone/alto-falante remoto IMPRES, com Volume, IP57                                         |
| PMMN4050_               | Microfone com alto-falante remoto IMPRES, com entrada para fone de ouvido, cancelador de ruído |
| PMMN4083_ <sup>28</sup> | Microfone com alto-falante remoto IMPRES grande, APX IP68 Delta T (GCAI)                       |
| PMMN4096_               | Microfone com alto-falante remoto sem fio para operações críticas                              |
| PMMN4099_               | Microfone com alto-falante remoto resistente IMPRES IP68                                       |

| Número da peça | Descrição                                                                                                                                             |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| PMMN4102_      | Microfone com alto-falante remoto IMPRES, cancelamento de ruído, conector de 3,5 mm, cabo espiralado grande, com conector Nexus                       |
| PMMN4102B_G RN | Microfone com alto-falante remoto IMPRES, cancelamento de ruído, conector de 3,5 mm, cabo espiralado grande, com conector Nexus (compartimento verde) |
| PMMN4113_      | Microfone com alto-falante remoto IMPRES OMNI, conector de 3,5 mm, cabo espiralado grande, com conector Nexus                                         |
| RLN6074_       | Kit de Cabo Espiral de Reposição do Microfone do Alto-Falante Remoto (Para Uso com PMMN4024_ e PMMN4040_)                                             |

<sup>28</sup> Seu rádio é compatível com os acessórios listados aqui. Entre em contato com o seu revendedor para obter detalhes.

| Número da peça        | Descrição                                                                                                                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------|
| RLN6075_              | Kit de cabo espiralado de substituição do microfone do alto-falante remoto (para uso com PMMN4025_, PMMN4046_, PMMN4050_) |
| RLN6561_ / MDRLN6561_ | RSM sem fio para operações críticas                                                                                       |

**Tabela 24 :Acessórios de Vigilância**

| Número da peça | Descrição                                                                      |
|----------------|--------------------------------------------------------------------------------|
| NNTN8459_      | Kit de vigilância de 1 fio com tubo translúcido, preto                         |
| PMLN6123_      | Kit de vigilância de 3 fios IMPRES com tubo acústico claro, confortável, preto |

| Número da peça | Descrição                                                                      |
|----------------|--------------------------------------------------------------------------------|
| PMLN6124_      | Kit de vigilância de 3 fios IMPRES com tubo acústico claro, confortável, bege  |
| PMLN6125_      | Kit de vigilância somente receptor, preto (único fio)                          |
| PMLN6126_      | Kit de vigilância somente receptor, bege (único fio)                           |
| PMLN6127_      | Kit de vigilância de 2 fios IMPRES, preto                                      |
| PMLN6128_      | Kit de vigilância de 2 fios IMPRES, bege                                       |
| PMLN6129_      | Kit de vigilância de 2 fios IMPRES com tubo acústico claro, confortável, preto |
| PMLN6130_      | Kit de vigilância de 2 fios IMPRES com tubo acústico claro, confortável, bege  |



| Número da peça          | Descrição                                                                       |
|-------------------------|---------------------------------------------------------------------------------|
| PMLN7052_ <sup>29</sup> | Kit de vigilância de 1 fio para operações críticas sem fio com tubo translúcido |
| RLN4760_                | Fone de Ouvido Pequeno, Personalizado para Kits de Vigilância, Ouvido Direito   |
| RLN4761_                | Fone de Ouvido Médio, Personalizado para Kits de Vigilância, Ouvido Direito     |
| RLN4762_                | Fone de Ouvido Grande, Personalizado para Kits de Vigilância, Ouvido Direito    |
| RLN4763_                | Fone de Ouvido Pequeno, Personalizado para Kits de Vigilância, Ouvido Esquerdo  |
| RLN4764_                | Fone de Ouvido Médio, Personalizado para Kits de Vigilância, Ouvido Esquerdo    |

| Número da peça | Descrição                                                                                      |
|----------------|------------------------------------------------------------------------------------------------|
| RLN4765_       | Fone de Ouvido Grande, Personalizado para Kits de Vigilância, Ouvido Esquerdo                  |
| RLN6281_       | Plugues de espuma de substituição, embalagem com 50 (para uso com RLN5886_)                    |
| RLN6282_       | Proteções auriculares de substituição, transparentes, embalagem com 50 (para uso com RLN5887_) |

**Tabela 25 :Acessórios Diversos**

| Número da peça | Descrição                       |
|----------------|---------------------------------|
| 15012157001    | Montagem da Tampa Contra Poeira |

<sup>29</sup> Seu rádio é compatível com os acessórios listados aqui. Entre em contato com o seu revendedor para obter detalhes.

| Número da peça | Descrição                                                            |
|----------------|----------------------------------------------------------------------|
| 1505596Z02     | Cinto de substituição para coletes de transporte RLN4570_ e HLN6602_ |
| 32012144001    | Identificação de banda de antena – Cinza                             |
| 32012144002    | Identificação de banda de antena – Amarela                           |
| 32012144003    | Identificação de banda de antena – Verde                             |
| 32012144004    | Identificação de banda de antena – Azul                              |
| 32012144005    | Identificação de banda de antena – Roxa                              |
| 4200865599     | Cinto                                                                |
| 4280384F89     | Cinto de Extensão para RadioPAK Universal                            |

| Número da peça | Descrição                                                                |
|----------------|--------------------------------------------------------------------------|
| 5880348B33     | Adaptador SMA para BNC, retrabalhado                                     |
| AY000267A01_30 | Protetor de tela, transparente (conjunto único contém uma única unidade) |
| HLN6602_       | Colete para Transporte Universal                                         |
| HLN9985_       | Bolsa à prova d'água, inclui cinto para transporte grande                |
| NTN5243_       | Cinto para Ombro (é Conectado a Anéis em D no Estojo de Transporte)      |
| PMKN4012_      | Cabo de Programação Portátil DMR                                         |
| PMKN4013_      | Cabo de Teste e Alinhamento para Programação                             |
| PMKN4040_      | Cabo de Telemetria Portátil DMR                                          |
| PMKN4071_      | Adaptador Portátil Não Compatível com PC IMPRES                          |

<sup>30</sup> Seu rádio é compatível com os acessórios listados aqui. Entre em contato com o seu revendedor para obter detalhes.

| <b>Número da peça</b> | <b>Descrição</b>                                                             |
|-----------------------|------------------------------------------------------------------------------|
| PMKN4126_             | TTR e cabo de programação para teste e alinhamento                           |
| PMLN6765_             | Módulo de interface tático GCAI PTT/VOX                                      |
| PMLN6767_             | PTT Físico Tático Remoto Corporal                                            |
| PMLN6827_             | Módulo de Interface PTT                                                      |
| PMLN6830_             | PTT Anelar Tático Remoto                                                     |
| PMLN6833_             | Transdutor de Têmpora Tático com Microfone com Haste e Cancelamento de Ruído |
| RLN4295_              | Clipe pequeno, cinto de ombreira                                             |
| RLN4570_              | Colete de Transporte de Abaixamento                                          |
| RLN4815_              | Mochila para rádio universal e caixa de utilidades (Fanny Pack)              |

# Uso de Rádio Marítimo na Faixa de Frequência VHF

## Atribuições de Canal Especial

### Canal de Emergência

Se você estiver em uma situação de iminente e sério perigo no mar e necessitar de assistência de emergência, use o Canal VHF 16 para enviar um apelo de socorro às embarcações próximas e à Guarda Costeira Americana. Transmita a seguinte mensagem, nesta sequência:

- 1 "MAYDAY, MAYDAY, MAYDAY."
- 2 "THIS IS \_\_\_\_\_, CALL SIGN \_\_\_\_\_." ("AQUI É \_\_\_\_\_, SINAL DE CHAMADA \_\_\_\_\_".) Informe o nome da embarcação em apuros 3 vezes, seguido do sinal de chamada ou de outra identificação da embarcação, repetida 3 vezes.
- 3 Repita "MAYDAY" e o nome da embarcação.
- 4 "WE ARE LOCATED AT \_\_\_\_\_." ("NOSSA LOCALIZAÇÃO É \_\_\_\_\_".) Informe a posição da embarcação em apuros, utilizando todas as

informações que possam ajudar os recipientes da mensagem a localizar você, por exemplo:

- latitude e longitude
- orientação segundo a bússola (informe se você está utilizando o norte verdadeiro ou o norte magnético)
- distância em relação a um ponto de referência conhecido
- curso, velocidade ou destino da embarcação

- 5 Informe a natureza do perigo.
- 6 Especifique que tipo de assistência é necessário.
- 7 Informe o número de pessoas a bordo e o número de pessoas que necessitam de cuidados médicos, se houver.
- 8 Mencione qualquer outra informação que possa ser útil aos receptores da mensagem, como, por exemplo, o tipo da embarcação, o comprimento e/ou o peso em toneladas da embarcação, a cor do casco etc.
- 9 "OVER."
- 10 Aguarde uma resposta.
- 11 Se você não receber uma resposta imediata, permaneça próximo ao rádio e repita a transmissão em intervalos de tempo até receber uma resposta. Esteja

preparado para seguir todas as instruções fornecidas a você.

## Canal de Chamadas Não Comerciais

Para transmissões não-comerciais, como, por exemplo, relatórios de pesca, arranjos de encontros, agendamento de reparos ou informações de acostagem, use o **Canal VHF 9**.

## Requisitos de Frequência Operacional

Um rádio destinado ao uso a bordo deve atender à Parte 80 das Normas da FCC (Federal Communications Commission, comissão de comunicação federal), como a seguir:

- em barcos sujeitos à Parte II do Título III do Ato de Comunicações, o rádio deve ser capaz de operar na frequência de 156,800 MHz.
- em barcos sujeitos à Convenção de Segurança, o rádio deve ser capaz de operar:
  - no modo simplex, na estação do barco transmitindo frequências especificadas na banda de frequência de 156,025 - 157,425 MHz e

- no modo semiduplex nos dois canais de frequência especificados na tabela abaixo.



### OBSERVAÇÃO:

Os canais simplex 3, 21, 23, 61, 64, 81, 82 e 83 não podem ser legalmente usados pelo público em geral em águas americanas.

Informações adicionais sobre os requisitos operacionais dos Serviços Marítimos podem ser obtidas no texto completo da Parte 80 das Normas da FCC e junto à Guarda Costeira Americana.

**Tabela 26 :Lista de Canais Marítimos VHF**

| Número do Canal | Frequência (MHz) |          |
|-----------------|------------------|----------|
|                 | Transmissão      | Recepção |
| 1               | 156.050          | 160.650  |
| 2               | 156.100          | 160.700  |
| *               | 156.150          | 160.750  |
| 4               | 156.200          | 160.800  |
| 5               | 156.250          | 160.850  |
| 6               | 156.300          | —        |
| 7               | 156.350          | 160.950  |

|      |         |         |
|------|---------|---------|
| 8    | 156.400 | —       |
| 9    | 156.450 | 156.450 |
| 10   | 156.500 | 156.500 |
| 11   | 156.550 | 156.550 |
| 12   | 156.600 | 156.600 |
| 13** | 156.650 | 156.650 |
| 14   | 156.700 | 156.700 |
| 15** | 156.750 | 156.750 |
| 16   | 156.800 | 156.800 |
| 17** | 156.850 | 156.850 |
| 18   | 156.900 | 161.500 |
| 19   | 156.950 | 161.550 |
| 20   | 157.000 | 161.600 |
| *    | 157.050 | 161.650 |
| 22   | 157.100 | 161.700 |
| *    | 157.150 | 161.750 |
| 24   | 157.200 | 161.800 |
| 25   | 157.250 | 161.850 |

|      |         |         |
|------|---------|---------|
| 26   | 157.300 | 161.900 |
| 27   | 157.350 | 161.950 |
| 28   | 157.400 | 162.000 |
| 60   | 156.025 | 160.625 |
| *    | 156.075 | 160.675 |
| 62   | 156.125 | 160.725 |
| 63   | 156.175 | 160.775 |
| *    | 156.225 | 160.825 |
| 65   | 156.275 | 160.875 |
| 66   | 156.325 | 160.925 |
| 67** | 156.375 | 156.375 |
| 68   | 156.425 | 156.425 |
| 69   | 156.475 | 156.475 |
| 71   | 156.575 | 156.575 |
| 72   | 156.625 | —       |
| 73   | 156.675 | 156.675 |
| 74   | 156.725 | 156.725 |
| 75   | ***     | ***     |

| 76   | ***     | ***     |
|------|---------|---------|
| 77** | 156.875 | —       |
| 78   | 156.925 | 161.525 |
| 79   | 156.975 | 161.575 |
| 80   | 157.025 | 161.625 |
| *    | 157.075 | 161.675 |
| *    | 157.125 | 161.725 |
| *    | 157.175 | 161.775 |
| 84   | 157.225 | 161.825 |
| 85   | 157.275 | 161.875 |
| 86   | 157.325 | 161.925 |
| 87   | 157.375 | 161.975 |
| 88   | 157.425 | 162.025 |

**OBSERVAÇÃO:**

\* Os canais simplex 3, 21, 23, 61, 64, 81, 82 e 83 não podem ser **legalmente usados** pelo público em geral em águas americanas.

\*\* Somente baixa potência (1 W).

\*\*\*Banda de guarda.

**OBSERVAÇÃO:**

A - na coluna Receber indica que o canal é somente de transmissão.

## Declaração de Conformidade para o Usuário de Frequências de Socorro e Segurança

O equipamento de rádio não emprega uma modulação diferente da modulação adotada internacionalmente para uso marítimo quando opera nas frequências de socorro e segurança especificadas na seção 7.3 RSS-182

## Parâmetros Técnicos para Interface de Fontes de Dados Externas

Tabela 27 :Parâmetros Técnicos para Interface de Fontes de Dados Externas

|                           | RS232 | USB   | SB9600 |
|---------------------------|-------|-------|--------|
| Tensão de entrada (Volts) | 18 V  | 3,6 V | 5 V    |

|                    | RS232    | USB     | SB9600   |
|--------------------|----------|---------|----------|
| pico-a-pico)       |          |         |          |
| Taxa máx. de dados | 28 kb/s  | 12 Mb/s | 9,6 kb/s |
| Impedância         | 5000 ohm | 90 ohm  | 120 ohm  |



## Garantia de baterias e carregadores

### Garantia de fabricação

Essa garantia cobre defeitos de fabricação em casos de utilização e manutenção normais.

|                                                                |          |
|----------------------------------------------------------------|----------|
| Todas as baterias MOTOTRBO                                     | 24 Meses |
| Carregadores IMPRES (uma unidade e várias unidades, sem visor) | 24 Meses |
| Carregadores IMPRES (várias unidades com visor)                | 12 meses |

### Garantia de capacidade

A garantia de capacidade garante 80% da capacidade nominal da duração da garantia.

|                                                                       |          |
|-----------------------------------------------------------------------|----------|
| Baterias de NiMH ou Li-Ion                                            | 12 meses |
| Baterias IMPRES, quando usadas exclusivamente com carregadores IMPRES | 18 meses |

## Garantia limitada

### PRODUTOS DE COMUNICAÇÃO MOTOROLA SOLUTIONS

#### I. O QUE ESTA GARANTIA ABRANGE E QUAL É A SUA DURAÇÃO:

A Motorola Solutions, Inc. ("Motorola Solutions") garante que os Produtos de comunicação fabricados pela Motorola Solutions descritos abaixo ("Produto") estão livres de defeitos de material e fabricação em condições de uso e manutenção normais a partir da data da compra, conforme cronograma a seguir:

|                                                           |               |
|-----------------------------------------------------------|---------------|
| Rádios portáteis                                          | Três (3) anos |
| Acessórios do produto<br>(Exceto baterias e carregadores) | Um (1) ano    |

A Motorola Solutions, a seu critério, consertará o Produto (com peças novas ou reconcondicionadas), substituirá o Produto (com peças novas ou reconcondicionadas) ou reembolsará o valor da compra do Produto durante o período de garantia, sem nenhum custo adicional, desde que seja retornado de acordo com os termos desta garantia. As peças ou placas substituídas são garantidas pelo remanescente do período da garantia original aplicável. Todas as peças substituídas do Produto se tornarão propriedade da Motorola Solutions.

Esta garantia limitada expressa é estendida pela Motorola Solutions somente ao comprador usuário final original e não pode ser cedida ou transferida para terceiros. Esta é a garantia completa do Produto fabricado pela Motorola Solutions. A Motorola Solutions não assume obrigações ou responsabilidade por adições ou modificações desta garantia, a menos que sejam feitas por escrito e assinadas por um funcionário da Motorola Solutions.

A menos que seja feito um acordo separado entre a Motorola Solutions e o comprador usuário final original, a Motorola Solutions não garante a instalação, a manutenção ou a assistência técnica do Produto.

A Motorola Solutions não pode ser responsabilizada, de nenhum modo, por qualquer equipamento auxiliar não fornecido pela Motorola Solutions que seja relacionado ou

utilizado com o Produto ou pela operação do Produto com qualquer equipamento auxiliar, e todos esses equipamentos estão expressamente excluídos desta garantia. Como cada sistema que pode utilizar o Produto é único, a Motorola Solutions não se responsabiliza pelo alcance, cobertura ou operação do sistema como um todo nesta garantia.

## II. DISPOSIÇÕES GERAIS

Esta garantia estabelece toda a extensão das responsabilidades da Motorola Solutions com relação ao Produto. O reparo, a substituição ou o reembolso do preço de compra, a critério da Motorola Solutions, é a única reparação. ESTA GARANTIA É CONCEDIDA NO LUGAR DE OUTRAS GARANTIAS EXPRESSAS. GARANTIAS IMPLÍCITAS, INCLUINDO, SEM LIMITAÇÃO, AS GARANTIAS IMPLÍCITAS DE COMERCIALIZAÇÃO E DE ADEQUAÇÃO A UM PROPÓSITO ESPECÍFICO, SÃO LIMITADAS À DURAÇÃO DESTA GARANTIA LIMITADA. EM HIPÓTESE ALGUMA A MOTOROLA SOLUTIONS SERÁ RESPONSABILIZADA POR DANOS EM EXCESSO AO PREÇO DA COMPRA DO PRODUTO, POR QUALQUER PERDA DE USO, PERDA DE TEMPO, INCONVENIÊNCIA, PERDA COMERCIAL, LUCROS CESSANTES OU PERDA DE ECONOMIAS OU OUTROS

DANOS INCIDENTAIS, ESPECIAIS OU CONSEQUENCIAIS RESULTANTES DO USO OU DA INCAPACIDADE DE UTILIZAR ESTE PRODUTO, ATÉ O LIMITE QUE ESSES DANOS POSSAM SER ISENTOS POR LEI.

## III. DIREITOS LEGAIS NOS ESTADOS:

ALGUNS ESTADOS NÃO PERMITEM A EXCLUSÃO OU LIMITAÇÃO DE DANOS INCIDENTAIS OU CONSEQUENCIAIS, OU A LIMITAÇÃO DA DURAÇÃO DE UMA GARANTIA IMPLÍCITA, PORTANTO A LIMITAÇÃO OU EXCLUSÃO ACIMA PODE NÃO SER APLICÁVEL.

Esta garantia concede direitos legais específicos. Podem existir outros direitos que podem variar de estado para estado.

## IV. COMO OBTER O SERVIÇO DE GARANTIA

Você deve fornecer o comprovante da compra (exibindo a data de compra e o número serial do item do Produto) para obter o serviço de garantia e, também, entregar ou enviar o item do Produto, com transporte e seguro pré-pagos, a

uma assistência técnica autorizada. O serviço de garantia será prestado pela Motorola Solutions por meio de um de seus centros de manutenção de garantia autorizados. Entrar em contato inicialmente com a empresa que vendeu o Produto (por exemplo, revendedor ou provedor de serviços de comunicação) pode facilitar a obtenção do serviço de garantia. Você pode também ligar para a Motorola Solutions pelo telefone 1-800-927-2744.

## V. O QUE ESTA GARANTIA NÃO ABRANGE

- 1 Defeitos ou danos resultantes do uso do Produto de modo diferente do modo normal e costumeiro.
- 2 Defeitos ou danos resultantes de má utilização, acidentes, água ou negligência.
- 3 Defeitos ou danos resultantes de teste, funcionamento, manutenção, instalação, alteração, modificação ou ajuste inadequado.
- 4 Quebra ou danos a antenas, exceto se provocados diretamente por defeitos de material ou de mão de obra quando de sua fabricação.
- 5 Produto sujeito a modificações, desmontagens ou reparos não autorizados (incluindo, sem limitação, a
  - 6 Produto cujo número de série tenha sido removido ou esteja ilegível.
  - 7 Baterias recarregáveis se:
    - algum dos lacres do compartimento das células estiver quebrado ou com sinais de adulteração.
    - o defeito ou dano for provocado pelo carregamento ou uso da bateria em equipamentos ou serviços diferentes daqueles para os quais o Produto é especificado.
  - 8 Custos de frete para o depósito da assistência técnica.
  - 9 Produto que, em função de alterações ilegais ou não autorizadas do software/firmware no Produto, não funcione de acordo com as especificações publicadas pela Motorola Solutions ou pela etiqueta de certificação da FCC para o Produto no momento em que o Produto foi inicialmente distribuído pela Motorola Solutions.
  - 10 Arranhões ou outros danos estéticos às superfícies do Produto que não afetem sua operação.

**11** Uso e desgaste normais e costumeiros.

## **VI. DISPOSIÇÕES SOBRE PATENTES E SOFTWARE**

A Motorola Solutions defenderá, às suas próprias custas, qualquer ação legal impetrada contra o comprador usuário final, no caso de estar baseada em uma alegação de que o produto ou determinadas peças violem uma patente nos Estados Unidos, e a Motorola Solutions pagará os custos e danos finalmente conferidos ao comprador usuário final em qualquer dessas ações que sejam atribuíveis a qualquer alegação, mas cujo pagamento e defesa estejam condicionados ao seguinte:

- 1** A Motorola Solutions será notificada imediatamente, por escrito, pelo comprador sobre qualquer aviso de tais alegações,
- 2** A Motorola Solutions terá o controle absoluto da defesa dessa ação e de todas as negociações para a decisão ou acordo, e
- 3** Se o produto ou as peças se tornarem, ou na opinião da Motorola Solutions tenha(m) a probabilidade de se tornar, objeto(s) de uma alegação de violação de patente dos Estados Unidos, se esse comprador permitir que a Motorola Solutions, a seu critério e às

suas custas, obtenha desse comprador o direito de continuar a usar o produto ou as peças ou de substituir ou modificar o mesmo para que ele não viole mais a patente ou de conceder ao comprador um crédito para o produto ou as peças, de acordo com a depreciação e aceite de sua devolução. A depreciação terá um valor igual por ano em relação à vida útil do produto ou das peças, conforme estabelecido pela Motorola Solutions.

A Motorola Solutions não se responsabiliza por qualquer alegação de violação de patente que se baseie na combinação do produto ou peças fornecidas por este instrumento com software, instrumentos ou dispositivos não fornecidos pela Motorola Solutions e também não se responsabiliza pelo uso de equipamento ou software auxiliar não fornecido pela Motorola Solutions que seja conectado ou usado em conexão com o produto. O texto acima declara a responsabilidade total da Motorola Solutions com respeito à violação de patentes pelo produto ou por qualquer peça dele.

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nesse produto, não pode ser substituído, copiado, distribuído, modificado de maneira alguma ou utilizado para produzir nenhum item derivado. Nenhum outro uso, incluindo, sem limitação, alteração, modificação, reprodução, distribuição ou engenharia reversa desse software Motorola Solutions ou o exercício de direitos nesse software Motorola Solutions, é permitido. Nenhuma licença é concedida por implicação, preclusão ou, de outra forma, sob direitos de patente ou direitos autorais da Motorola Solutions.

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Esta Garantia é regida pelas leis do Estado de Illinois, EUA.

[www.motorolasolutions.com/mototrbo](http://www.motorolasolutions.com/mototrbo)

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