



Diga-Talk D2-100U Digital Two-Way Radio User Manual

[Home](#) » [Diga-Talk](#) » Diga-Talk D2-100U Digital Two-Way Radio User Manual 

Diga-Talk² *DMR Radios* D2-100U Digital Two-Way Radio User Manual



Contents

1 FCC Statement
2 Preface
3 Safety Information
4 Product Inspection
5 Radio Overview
6 Radio Controls
7 Programmable Key
8 Preparing Your Radio for Use Charging the Battery
9 Charging Steps
10 Attaching the Accessories
11 Status Indicators
12 Basic Operations
13 Voice Calls
14 Transmitting a Group Call
15 Transmitting an All Call
16 Menu Navigation
17 Settings
18 Functions and Operations
19 Squelch Off
20 Emergency Alarm
21 Emergency Mode
22 Lone Worker
23 Troubleshooting
24 Care and Maintenance
25 Service and Support
26 Warranty
27 Cautions
28 Terms of Warranty
29 Optional Accessories
30 Documents / Resources
31 Related Posts

FCC Statement

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.

NOTE 1: 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, installed and used in accordance with the instructions, may cause arm 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/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

- This radio is designed for and classified as "Occupational/Controlled Use Only", meaning it must be used only during the course of employment by individuals aware of the hazards, and the ways to minimize such hazards; NOT intended for use in a General population /uncontrolled environment.
- DO NOT operate the radio without a proper antenna attached, as this may damage the radio and may also cause you to exceed RF exposure limits. A proper antenna is an antenna supplied with this radio by the manufacturer or an antenna specifically authorized by the manufacturer for use with this radio.
- DO NOT transmit for more than 50% of total radio use time, more than 50% of the time can cause RF exposure compliance requirements to be exceeded.
- This transmitter may operate with the antenna(s) documented in this filing in Push-to-Talk and body-worn configurations. exposure compliance is limited to the specific belt-clip and accessory configurations as documented in this filing and the separation distance between user and the device or its antenna shall be at least 2.5 cm.

Preface

Thank you for purchasing our digital portable radio (compatible with analog radio). We believe that the quality and function of this radio will meet your requirements and bring you stable, reliable, clear and high-efficient communication.

As a product compliant with the DMR standard, this digital portable radio supports TDMA (direct mode/repeater mode) and is compatible with high-end analog radio (CTCSS/CDCSS). Its ergonomic design and high-quality OLED display make it easy to operate even under strong sunlight. Besides, its digital functions (Digital Noise Reduction, Private Call, Group Call, All Call, Message, Radio Disable, Monitor, Radio Check, Call Alert, etc.) enable you to be responsive to critical situations.

Our digital portable radio of this series has 4 programmable keys which can be programmed based on your actual needs (such as VOX/ Scan/ Power Switch/ Zone). Besides, it supports Working Zone Management, Contact, Missed Call/ Incoming Call/ Outgoing Call Management as well as Chinese/ English and Working Status Indication, etc. It enables various functions to be easy to operate and ensures smooth and high-efficient communication.

Safety Information

Please read the following safety guidelines. Nonobservance of these guidelines may cause danger or violation of the law.



Don't transmit with an antenna detached from the radio or don't damage or change antenna type. Strong electronic waves are emitted from the radio and damages or changes to the antenna may affect the performance of the radio, and it may cause the radio to be defective and not covered under warranty.



Don't use other manufacturers' accessories. Unknown or unauthorized accessories may cause the radio to be defective and void the warranty.



Warning Don't disassemble the radio. Disassembly of the radio may cause a serious defect or malfunction and void the warranty.



Warning Avoid an excessive shock to the radio. Don't place the radio where direct sunlight or high temperature occurs. Avoid damage to the battery pack by a sharp object or an excessive shock.



Warning Turn off the radio before boarding on an airplane. Don't use the radio in the hospital without any pre-approval. Don't use the radio at the place of where computers or other electronic devices are being used.



- Please keep the radio at least 1 inch away from the human body.
- Don't give any damage to the antenna.
- When using earphones, please reduce the volume to a low level. If not, unexpected high sound may have a harmful effect to your ear.

- Don't touch the conductive metal of the battery radio with wet hands. It may cause damage on your hands. • Please be careful when putting the battery in a pocket or a bag.

• **FCC RF EXPOSURE COMPLIANCE REQUIREMENTS FOR OCCUPATIONAL USE ONLY**

The Federal Communications Commission (FCC), with its action in General Docket 93-62, November 7, 1997, has adopted a safety standard for human exposure to Radio Frequency (RF) electromagnetic energy emitted by FCC regulated equipment. Proper operation of this radio will result in user exposure far below the Occupational Safety and Health Act (OSHA) and Federal Communications Commission limits.

- DO NOT transmit for more than 50% of total radio use time (50% duty cycle). Transmitting more than 50% of the time can cause FCC RF exposure compliance requirements to be exceeded.
- This radio is NOT approved for use by the general population in an uncontrolled environment. This radio is restricted to occupational use, work-related operations only where radio operator must have the knowledge to control the user's exposure conditions for satisfying the higher exposure limit allowed for occupational use.
- When transmitting, hold the radio in a vertical position with its microphone 1 inch (2.5cm) away from your mouth.
- The radio is transmitting when the red LED on the front of the radio is illuminated. You can cause the radio to transmit by pressing the PTT bar on the radio.
- These are required operating configurations for meeting FCC RF exposure compliance. Failure to observe these restrictions means violation.

FCC Notice

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.

Product Inspection

Before use, we recommend that you check the packing and identify the items listed below. If any item is missing or damaged during shipment, please contact your dealer.



Radio D2-100LUI
Qty: 1



Antenna
Qty: 1



Li-Ion Battery
Qty: 1



Charger
Qty: 1



Adapter
Qty: 1



Lanyard Strap
Qty: 1



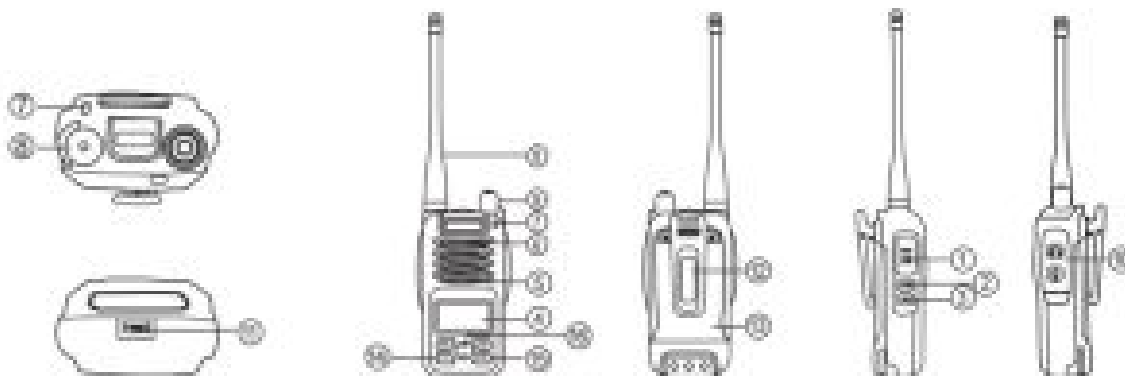
Belt Clip
Qty: 1



User Manual
Qty: 1

Note: The frequency range is marked on the color circle at the bottom of the antenna. If not, please refer to that on the radio's label.

Radio Overview














Radio Controls

No.	Part Name	No.	Part Name	No.	Part Name	No.	Part Name
1	PTT Button	5	Microphone	9	Radio Volume ContOn-Offfrol Knob	13	Battery
2	MID Key	6	Speaker	10	Accessory Jack	14	P1 Key
3	Left Key	7	LED Indicator	11	Battery Latch	15	P2 Key
4	Display	8	Antenna	12	Belt Clip	16	Up/ Down Key

Programmable Key

For enhanced convenience, you may request your dealer to program the 2 (or 1) programmable side keys (SK1, SK2) and the 2 programmable keys on the keypad as shortcuts to the radio functions listed below:

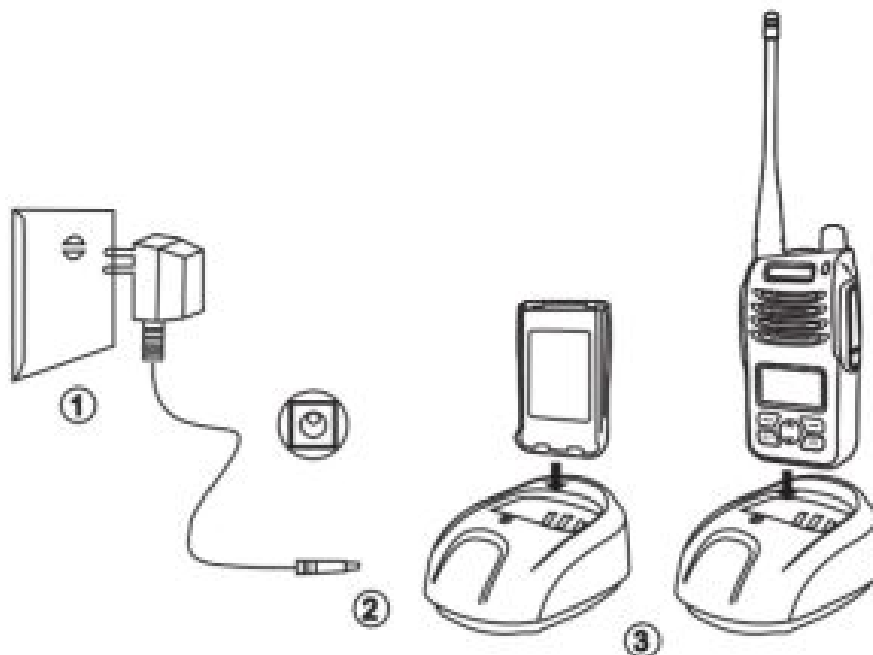
No.	Shortcut Keys	Description
1	Radio Disable 	To disable the radio quickly
2	Radio Enable 	To enable the radio quickly
3	Radio Check 	To enter Radio Check status quickly
4	Call Alert 	To initiate Call Alert quickly
5	Adjust Power Level 	To adjust RF power level quickly
6	Monitor 	To enter Monitor quickly
7	Emergency On 	To initiate an emergency call
8	Emergency Off 	To stop transmitting the emergency call
9	VOX	To enable or disable the VOX function
10	One-Touch Call 1	To transmit a call quickly
11	One-Touch Call 2	
12	One-Touch Call 3	
13	One-Touch Call 4	
14	One-Touch Call 5	
15	Message 	To access the menu 'Message" quickly
16	Contact List 	To access the menu 'Contact List" quickly
17	Zone Up	To select the desired zone quickly
18	Zone Down	
19	Zone Switch	
20	Keypad Lock	To lock or unlock the keypad quickly
21	Squelch Off 	To always open the speaker
22	Battery Power Indication	To indicate the current battery power quickly
23	Scan	To receive signals on other channels
24	Scan Backup	To keep scanning when restarting
25	Nuisance Temporary Delete	To temporarily ignore unwanted channel activity

Note: Long and short press of the key can be assigned with different functions by your dealer.

Preparing Your Radio for Use Charging the Battery

Please charge the battery with the designated Diga-Talk charger, and the LED indicator on the charger indicates the charging status.

The steps of charging are illustrated as follows:



LED Indicator of Charging

LED Indicator	Charging Status
LED indicator glows red	During charging
The LED indicator glows green	Fully charged
The LED indicator flashes red	Fault

Charging Steps

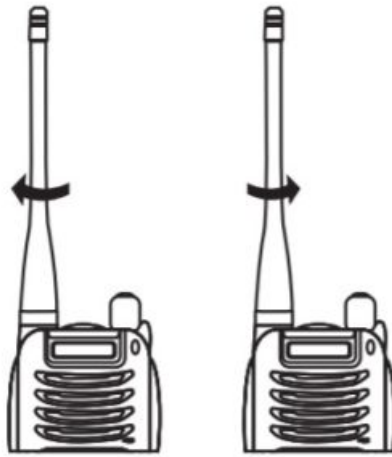
1. Plug the adapter's connector into an outlet as figure ① shows;
2. Plug the other end of the adapter into the jack on the rear of the charger as figure ② shows;
3. Insert the battery or radio equipped with battery into the charger correctly as figure ③ shows;
4. The LED indicator glows red during charging and turns green when the battery is fully charged.

Note: Please charge the battery for 5 hours for the initial charging to reach its optimum capacity.

Attaching the Accessories

Attaching the Antenna

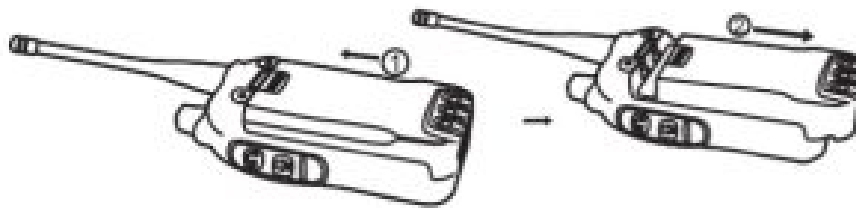
With the radio turned off, set the antenna in its receptacle and turn clockwise to fasten it.



To remove the antenna, turn it counterclockwise.

Attaching the Battery

1. Insert the battery into the radio as figure ① shows;
2. Press the battery at its bottom slightly until the battery latch locks as figure ② shows.



To remove the battery, please make sure the radio is turned off first, and then push the battery latch upwards and slide the battery away from the radio.

Note: Your dealer can program a shortcut key to Battery Power Indication for the radio, so you can check current battery power via the shortcut key.

Attaching the Belt Clip

Align the screw holes on the belt clip with those on the radio, and fasten the belt clip with the screws.

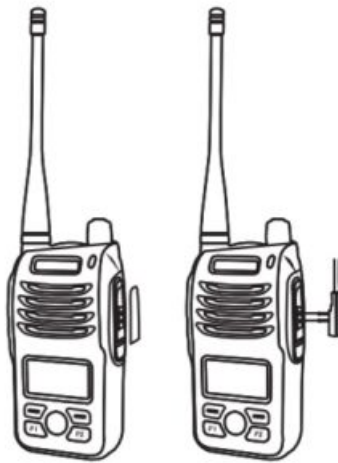


To remove the belt clip, screw off the screws.

Attaching the Audio Accessories

Programming Cable












1. Open the accessory jack cover;
2. Plug the accessory into the accessory jack.



Note: The accessory jack cover is used for avoiding dust to ensure the normal connection between accessories and radio. It should be replaced when the accessory jack is not in use.

Status Indicators

LCD Icons

Icon Name	Icon	Radio Status
RSSI		No signal
		More bars indicate better signal strength
Message Icon		New message/ unread message
Scan Icons		Scanning is in progress
		Scanning pauses on a non-priority channel
		Scanning pauses on Priority Channel 1
		Scanning pauses on Priority Channel 2
TX Power Icons	L	Low TX power for the current channel
	H	High TX power for the current channel
Battery Power Icon		More bars indicate more battery power
Prompt Tone Icons		The speaker is mute
		The speaker is unmuted
Emergency Icon		The Emergency mode (other than secret emergency)

LED Indicator

The LED indicator on the top of the radio will help you easily identify the current radio status.

LED Indicator	LED flashes green	LED glows red	LED glows green	LED f
Radio Status	Powering on	Transmitting	Receiving	Scanr

Basic Operations

Turning On/Off the Radio

To turn on the radio, please rotate the Radio On-Off/Volume Control knob clockwise until a click is heard and boot animation is displayed.

To turn off the radio, please rotate this knob counterclockwise until a click is heard and powering off is indicated.

Adjusting the Volume

After turning on the radio, rotate the Radio On-Off/Volume Control knob clockwise to increase the volume, or turn this knob counterclockwise to decrease the volume.

Selecting a Zone

A zone is a group of channels exhibiting the same property, which is convenient for you to manage the existing channels. The radio supports up to 16 zones, each with a maximum of 16 channels. You can select your desired zone through the 2 ways as follows:

1. Through the menu

Access the menu “Zone”, and use the Up/ Down keys to select your desired zone, and press the OK key to toggle to the selected zone.

2. Through the programmable keys

You can quickly toggle to your desired zone by pressing the programmed Zone Up/ Zone Down/ Zone Switch key.

Selecting a Channel

Rotate the Channel Selector knob to select your desired channel, and you can set TX Admit for every digital channel via the CPS, the TX Admit limits the transmissions on the current channel when there are activities on it.

1. Always Allow: The radio can transmit when the PTT button is pressed no matter whether there are activities on the channel or not.
2. Channel Free: The radio can transmit when the channel is free.
3. Color Code Free: The radio can transmit when the channel is free or the color code doesn't match.

Note: TX Admit is used for digital channels only.

Digital/Analog Switch

Each channel of the radio can be programmed as either an analog channel or a digital channel by the dealer. If the current zone includes both analog and digital channels, you can quickly switch between digital and analog channels by pressing the Up/ Down keys.

Keypad Lock/Unlock

When the keypad is not in use, you can lock it to prevent misoperation. The following method is available for you to lock or unlock the keypad:

- Through the programmable key

Press the programmed Keypad Lock key to lock or unlock the keypad.

Voice Calls

Transmitting a Private Call

You can transmit a Private Call through any of the following methods. When transmitting a Private Call, the icon



will appear.

- **Transmitting a call to the preset contact**

On the home screen, hold down the PTT button to transmit a Private Call to the Private Call contact preset for the current channel.

Note: Your dealer can preset a contact for each digital channel. The preset contact can be a Private Call contact, a

Group Call contact or an All Call contact.

- **Transmitting a call through Contact List or Call Logs**

1. Go to “Contact -> Contact List”, or go to “Call Logs” and access the Outgoing/Incoming/Missed list;
2. Use the Up/Down keys to select the Private Call contact you want to call;
3. Hold down the PTT button to transmit the Private Call.

Transmitting a Group Call

You can transmit a Group Call through any of the following methods. When transmitting a Group Call, the icon will appear.

- Transmitting a call to the preset contact

In the home screen, hold down the PTT button to transmit a Group Call to the Group Call contact preset for the current channel.

- Transmitting a call through Contact List

1. Go to "Contact -> Contact List";
2. Use the Up/Down keys to select the Group Call contact you want to call;
3. Hold down the PTT button to transmit the Group Call.

Transmitting an All Call

The way to make an All Call is the same with that of making a Group Call. When transmitting an All Call, the icon





will appear.

Note: You can transmit an All Call only when it is enabled by your dealer.

Receiving and Responding to Voice Calls

Receiving a Voice Call

When receiving a voice call, the icon   will appear.

Responding to a Private Call/Group Call

When receiving a Private Call/Group Call, you can press the PTT button within the preset time to respond to it. If you do not respond to a received Private Call, your radio will display the missed call indication.

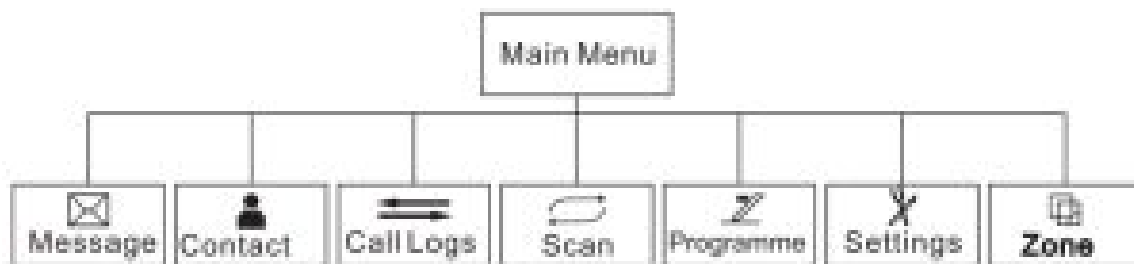
Note: You can not respond to an All Call.

Making a Call on Analog Channels

To make a call on analog channels, hold down the PTT button and speak into the microphone. Release the PTT button to receive calls.

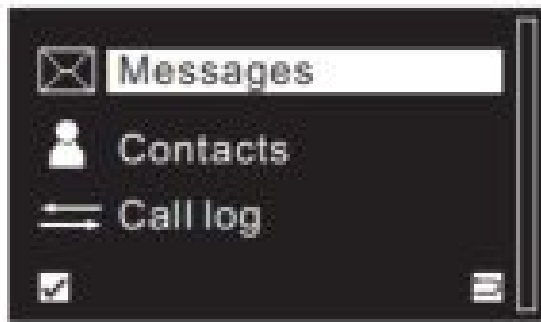
Note: Please keep the microphone 2.5 to 5cm away from your mouth when transmitting to ensure the optimum volume for the receiver.

Menu Navigation



Message

To access this item, press the Menu key in the home screen to access the main menu and select "Message", or press the shortcut key for Message directly.



InBox

The inbox can save up to 100 received messages. When the inbox is full, the earliest message will be overwritten by the latest one automatically. For each message, you can choose to perform any of these operations: Forward/ Delete. To delete all messages in the inbox, select "Message -> InBox -> Delete All".

OutBox

The outbox can save up to 100 sent messages. When the outbox is full, the earliest message will be overwritten by the latest one automatically.

For each message, you can choose to perform any of these operations: Forward/ Delete.

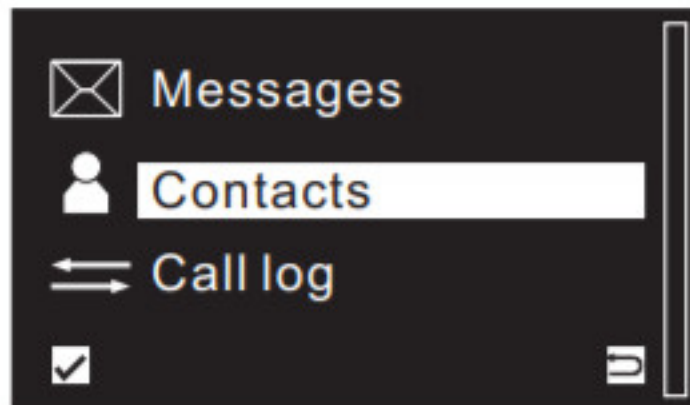
To delete all messages in the outbox, select "Message > OutBox-> Delete All".

Quick Text

Under this option, there are some text messages (15 entries at most) preset by your dealer. You can choose any text to send directly or send after editing.

Contact

To access this item, press the Menu key in the home screen to access the main menu and select "Contact".



You can save up to 64 entries in the contact list. To access "Contact List", select "Contact -> Contact List" or press the shortcut key for Contact List.

Viewing a Contact

You can view the details of each contact.

Sending a Message

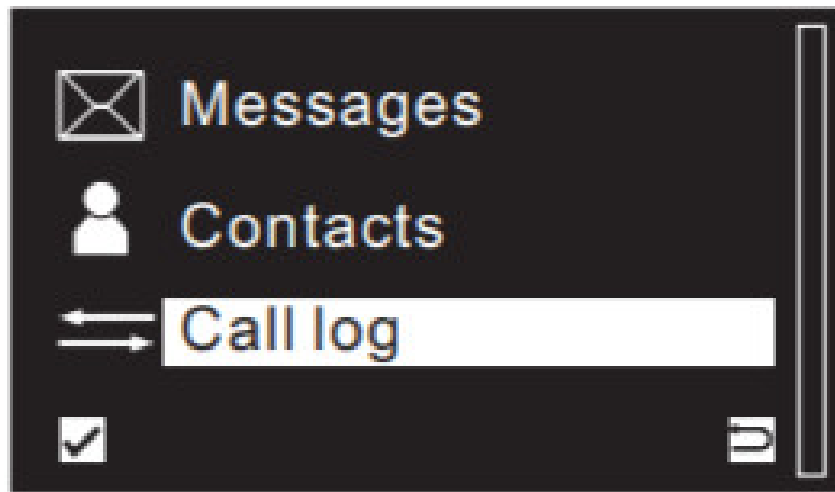
You can send quick texts to the contacts in the contact list.

Functions

You can do the following operations (such as Radio Check/ Call Alert/ Remote Monitor/ Radio Disable/ Radio Enable) to the Private Call contact in the contact list.

Call Logs

To access this item, press the Menu key in the home screen to access the main menu and select "Call Logs".

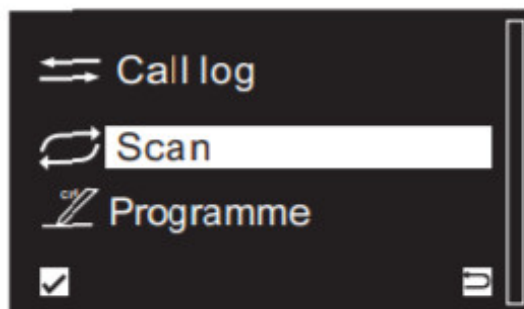


This radio can save up to 20 private call entries in the Outgoing/ Incoming/ Missed list respectively. When the Outgoing/ Incoming/ Missed list is full, the earliest entry will be overwritten by the latest one automatically. After accessing a list and selecting an entry, you can perform any of these operations: hold down the PTT button to initiate a call, press the OK key to View/ Send Message/ Delete.

To delete all entries in the Outgoing/ Incoming/ Missed list at a time, select “Call Logs -> Outgoing/ Incoming/ Missed -> Delete All”.

Scan

To access this item, press the Menu key in the home screen to access the main menu and select “Scan”.



Scan On/Off

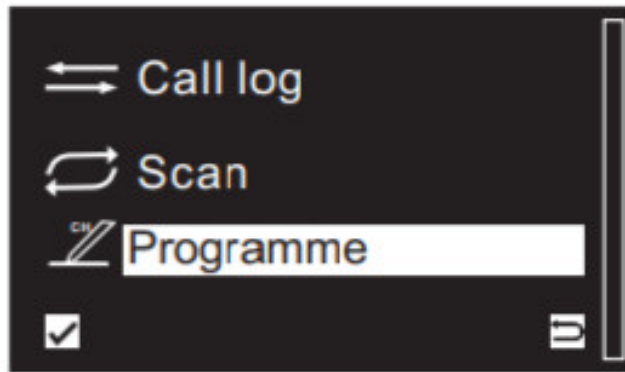
The feature “Scan” allows you to receive communication activities on other channels so that you can keep close track of your group members. This option is used to turn on or off the function.

Scan List

You can request your dealer to create a scan list for each channel. Each list may contain 16 channels at most (both digital channels and analog channels are OK).

Program

To access this item, press the Menu key on the home screen to access the main menu and select “Programme”.




Channel


You can optimize your radio performance by customizing related parameters according to actual needs and your preferences.

Frequency: To view the RX/ TX frequency of the selected channel.

Slot  : To set RX/ TX slot for the radio.

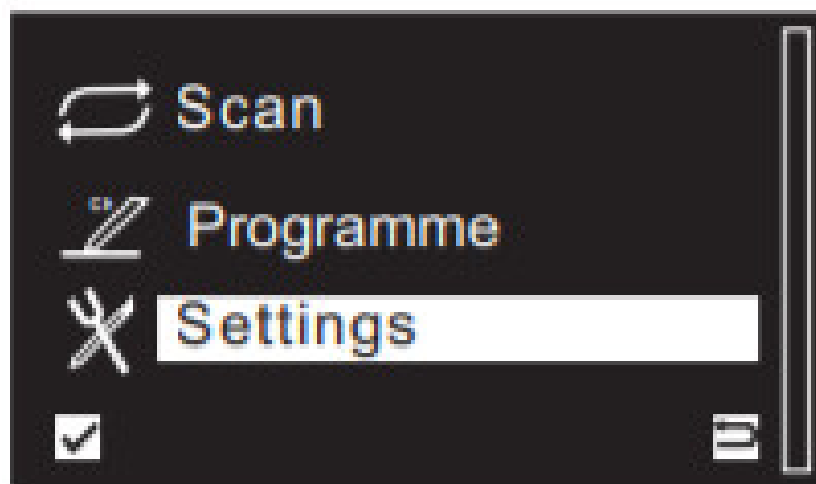
Color Code  : You can modify the color code value (range: 0-15) of the selected digital channel through this option.

Radio

Radio ID  : To view or modify the radio ID (this feature and input range “1-16776415” are limited by the CPS).

Settings

To access this item, press the Menu key in the home screen to access the main menu and select “Settings”. You can optimize your radio performance by customizing related parameters according to actual needs and your preferences.



Radio Info

With this option, you can view basic information of your radio, including Serial Number, Program Version, Firmware Version and Model Code, etc.

Parameter Settings



Time-out Timer (TOT)

You can set the time of continuous transmission through this option to prevent others from occupying a channel too long. If the preset time expires, the radio will automatically terminate transmission and keep beeping. To stop the beeping, please release the PTT button. You must wait for a certain time period (preset by your dealer) to initiate another transmission.

Note: This feature is null in Emergency mode.

Tx Power

This option allows you to set the TX power level to high or low. Alternatively, you can quickly switch the power

level between high power and low power by pressing the shortcut key for Adjust Power Level in the home screen. There are two levels available: High Power (indicated by the icon ) and Low Power (indicated by the icon ) . A high power level enables you to communicate with further group members.

Note: Power level should be set for each channel individually.

VOX

To set whether to turn on VOX or not. When VOX is turned on, it allows you to make calls every time you speak into the radio directly without pressing the PTT key.

Tone

To set tones for your radio. You can set the following tones:

Radio Silent: to set whether the radio will give tone indication. If Silent On is selected, all tone indications will be canceled.

Keypad Tone: to set whether the radio will give tone indication and the volume of the tone when you are making keypad operations.

Low Battery Tone: to set whether the radio will give tone indication and the volume of the tone when the battery is low.

Text Message Tone: to set whether the radio will give a tone indicates when it receives a message.

Private Call Tone: to set whether the radio will give tone indication when it receives a private call.

Group Call Tone: to set whether the radio will give tone indication when the radio receives a group call.

Channel Annunciation Tone: to set whether the radio will give tone indication when rotating the channel selector knob.

TX Tone: to set whether the radio will give tone indication when a voice call is transmitted.

Common Settings

Language

To set the language of the menu. Currently, this radio only supports two languages: Chinese and English.

Set Brightness

To adjust the display brightness. You can increase or decrease it by using the Up or Down key.

Backlight

To set whether to turn on the radio backlight or not. When the backlight is turned on, it will be off after 5 seconds if there is no operation on the keypad.

Zone

To access this item, press the Menu key in the home screen to access the main menu and select “Zone”. This radio supports up to 16 zones. You can use this menu to select your desired zone. Alternatively, you can quickly toggle to your desired zone by pressing the shortcut key for Zone Up/ Zone Down/ Zone Switch.

Functions and Operations



Scan



This function allows you to receive communication activities on other channels so that you can keep close track of your group members.

• Operation

1. You can access the menu “Scan” and select “On”; if “Auto Scan” is enabled for one channel, the radio will scan automatically when toggling to this channel.
2. After “Scan” is turned on, the radio will scan the scan list of the channel.

• Scanning Process

1. The icon  will be displayed on the screen and the LED flashes orange while scanning.
2. When activities are detected on a channel while scanning, the radio will stop on the channel and receive the detected activities. The icon  will be displayed on the screen if the scanning stops on a non-priority

channel, while  or  will be displayed if it stops on priority channel 1 or 2.

To exit scanning, you can access the menu “Scan” and select “Off”.

Squelch Off

If the feature “Squelch Off” is enabled, your radio’s speaker will keep unmuted no matter whether there is a carrier or not.

Emergency Alarm

Digital Emergency Alarm

You can ask your partner or the control center for help through this function when an emergency occurs. Emergency Alarm has the highest priority so that it can be enabled no matter whether the radio is transmitting or receiving.

If you want to enable the Emergency Alarm on a channel, you must associate an emergency system for the channel via the CPS. Emergency Type and Emergency Mode can also be set in the CPS.

Emergency Type

The radio supports 5 emergency types as below, and you can request your dealer to enable any one of them for you.

Emergency Type	Description
Siren Only	The radio emits a siren, and the control center will not receive the emergency signal.
Regular	The radio displays audio and visual indicators during the Emergency mode .
Silent	The radio does not display any audio or visual indicators during the Emergency mode.
Silent w/ Voice	Except for the voice from the received calls, the radio does not display any other audio or visual indicators during the Emergency mode.
Emergency Alarm	The radio emits a siren after sending an emergency signal to the control center. And it displays audio and visual indicators during the Emergency mode.

Emergency Mode

The radio supports 3 emergency modes as below, and you can request your dealer to enable any one of them for you.

Emergency Mode	Description
Alarm	The radio only transmits the emergency alarm code when an Emergency is initiated.
Alarm w/ Call	The radio transmits both the emergency alarm code and emergency call when an Emergency is initiated.
Call Only	The radio immediately transmits an emergency call when an Emergency is initiated.

Lone Worker

With this feature, the radio can be programmed whether to automatically enter Emergency mode or not via the CPS if there is no operation for a predefined time. This function is helpful especially for people who work alone. The radio will automatically send the emergency signal to your partners or the control center for help if you can not operate the radio within the predefined time during working alone when an emergency occurs.

Troubleshooting

Problem	Analysis	Solution
The radio can not be powered on.	The battery may be improperly installed.	Remove the battery and attach it again.
	The battery power may run out.	Recharge or replace the battery.
	The battery may have a poor contact caused by dirtied or damaged battery contacts.	Clean the battery contacts. If the problem can not be solved, contact your dealer or Diga-Talk-authorized service center for inspection and repair.
The voice is weak, intermittent or can not be heard during receiving signals.	The battery voltage may be too low.	Recharge or replace the battery.
	The volume may be set to a low level.	Increase the volume.
	The antenna may get loose or may be improperly installed.	Power off the radio and reinstall the antenna.
	The speaker may be blocked or damaged.	Clean the surface of the speaker. If the problem can not be solved, contact your dealer or Diga-Talk-authorized service center for inspection and repair.
You can not communicate with other group members.	The frequency or signaling may be different from that of other radios in the group.	Set the TX/RX frequency and signaling to the same as those of other radios in the group.
	The channel type (digital/analog) may be set inconsistently.	Make sure all group members are on the same digital/analog channel.
	You may be too far away from the group members.	Move towards other group members.
Irrelevant communications or noises are heard on the channel.	Your radio may be interfered by radios using the same frequency.	Change the frequency or adjust the squelch level.
	The radio may not be set with any signaling.	Set signaling for all member radios to avoid interference at the same frequency.
Too much noise	The communication distance from other group members may be too long.	Move towards other group members.
	The location may be bad for communications, such as a place that is blocked by tall buildings or a basement.	Move to open and flat ground, turn on the radio and try again.
	The radio may be interfered by the environment or electromagnetic.	Keep the radio away from the equipment that may cause interferences.

Note: If the solutions above can not solve your problems or you have some other problems, please contact your dealer or Diga-Talk to get more technical support.

Care and Maintenance

To ensure the radio its best performance and prolong its service life, please ensure better daily care and maintenance to it by following the tips listed below:

- Do not puncture or scratch the radio with sharp objects;
- Do not store the radio in places where there are substances that corrode electronics and electric circuits;
- Do not carry or hold the radio by the antenna or earphone wire;
- Please replace the accessory jack cover when the accessory jack is not in use;
- Please regularly wipe the dust or stains on the radio and charging pole pieces with a clean and dry lint-free cloth or brush;
- Please use neutral detergent and non-woven fabrics to clean the radio when its keypad, knobs or case gets dirty. Do not use chemical agents such as decontaminant, alcohol, spraying agent, or petroleum preparation in case the surface and case of the radio get damaged. And do not use the radio unless it is thoroughly dry after cleaning.

Note: Please turn off the radio and remove the battery before cleaning.

Service and Support

Service Commitment

1. Diga-Talk two-way radio body has a 12-month warranty; accessories (battery, adapter, charger, and antenna): 6 months; earphones: 3 months.
2. Free repair is available and subject to the fully-filled warranty card and the valid original invoice of purchase in the case that the radio or accessories can not work normally due to non-human factors during the warranty period.
3. Replacement or repair is available and subject to the fully-filled warranty card and the valid original invoice of purchase in the case that the radio or accessories can not work normally because of non-human factors within 30 days from the date of purchase.
4. Repaired parts are warranted for the balance of the original applicable warranty period or 90 days from the date of repair. The longer one is valid.

Warranty

1. The warranty is only valid for products under normal use, defects or damages that result from human factors are excluded from the warranty coverage. Such as: disassembling or modifications, damages caused by an outside force, water penetration, burns, use of Diga-Talk unapproved accessories, using against the user manual, and so on.
2. The warranty period starts from the date of purchase on the invoice.
3. Free repair is unavailable if the Diga-Talk mark or serial number label is torn off.
4. Only the fully-filled warranty card and the valid original invoice of purchase with Diga-Talk's seal or authorized dealer's seal affixed are valid for receiving the warranty service.

Cautions

1. Read the user manual before use.
2. Do not use the radio with a damaged antenna, only Diga-Talk approved antenna is applicable.
3. Turn off the radio in potentially explosive or flammable environments.

4. Avoid the contact between the battery and metal, oily or corrosive objects.
5. Do not immerse the radio or battery into liquids or discard them in fire.
6. Use the radio only with a standard battery, adapter, charger and earphone.

Terms of Warranty

1. Diga-Talk two-way radio body has an 12-month warranty; accessories (battery, adapter, charger and antenna): 6 months; earphone: 3 months.
2. Only the fully-filled warranty card and valid original invoice of purchase with Diga-Talk's seal or authorized dealer's seal affixed are valid as proofs for identifying the warranty period. (The invoice should give clear indication of radio, accessories, serial number, date of purchase, purchase price and so on.)
3. If the radio body goes wrong during the warranty period, it should be ensured working normally over 30 days after the repair.
4. Replacement or repair is available and subject to the fully-filled warranty card and valid original invoice of purchase in the case that the radio can not work normally as the instructions list within 30 days from the date of purchase. (Note that there must not be abrasions on radio body and accessories.)
5. Replacement of the same model is available and subject to the 3 repair receipts in the case that the radio body still works abnormally after 3-time-or-above repairs during the warranty period.
6. Repair of the radio and accessories (battery, adapter, charger, and antenna) is available and subject to the valid original invoice of purchase.
7. The costs of materials and repair are covered during the warranty period.
8. No warranty service is provided if the Diga-Talk mark and/or serial number label on the product are/is torn off.
9. Exclusions from warranty coverage:
 1. Beyond the valid warranty period;
 2. Defects or damages that result from the use of the product in other than its normal and customary manner;
 3. Defects or damages resulting from misuse, accident, water penetration or neglect;
 4. Defects or damages caused by improper testing, operation, repair, installation, reconfiguration or adjustment;
 5. Defects or damages to antenna unless caused by material or processing problems;
 6. A product that has the serial number removed or illegible;
 7. Product with an unclear date of purchase;
 8. Defects or damages because of unauthorized repair or disassembling;
 9. Rechargeable battery if ① there is any damage or any sign of unsealing to it;
② the defect or damage is caused by charging the battery with improper equipment or using it beyond specified maintenance condition;
 10. Abrasions under normal use.

Note: This warranty will be adjusted or modified properly according to the market, and it is subject to change without notice. If adjusted or modified, the warranty is subject to the latest version issued by the Diga-Talk service center in Diga-Talk official channels.

Optional Accessories

The main optional accessories of the radio are listed below; for more information, please contact your dealer or Diga-Talk.



Antenna(VHF)



Antenna(UHF)



Earset



Coax Cable



Remote Speaker

Note: Please use Diga-Talk-approved accessories, or users must bear all the consequences caused by using unauthorized accessories.



Tel: 888-404-2337

Add: 710 W. Jefferson St. Joliet, IL 60435



Documents / Resources

	Diga-Talk D2-100U Digital Two-Way Radio [pdf] User Manual D2100, 2APPUD2100, D2-100U Digital Two-Way Radio, Digital Two-Way Radio, Two-Way Radio, Radio
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[Manuals+](#).