



MOTOROLA SOLUTIONS R7 Two Way Portable Radios User Guide

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Motorola MOTOTRBO R7 Portable Two-Way Radios



Your Quick Reference Guide

This Quick Reference Guide covers the basic operation of the radio. Your radio will need to be provisioned before use. This is typically done by your dealer or system administrator and customized for your specific needs. For more operational details and provisioning information, refer to the following manuals at https://www.motorolasolutions.com/en_xa/products.html.

- R7 Series User Guide/MN007848A01
- R7 Provisioning Guide/MN007868A01

Important Safety Information

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

Product Safety and RF Exposure Compliance

Caution: Before using this product, read the operating instructions for safe usage contained in the Product Safety and RF Exposure booklet enclosed with your radio.

ATTENTION!

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.

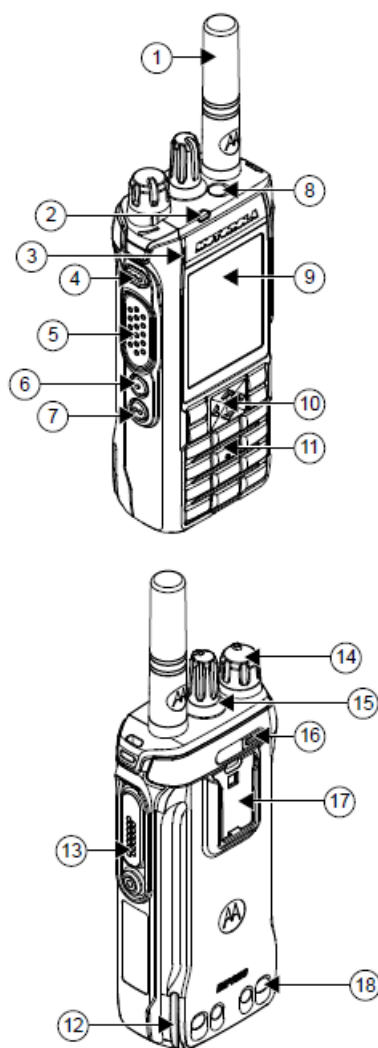
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Radio Controls



1. Antenna
2. LED Indicator
3. Front Microphone
4. 3-Dot Programmable Feature button
5. Push-to-Talk (PTT) button
6. 1-Dot Programmable Feature button
7. 2-Dot Programmable Feature button
8. Emergency button
9. Display 1
10. Menu Navigation buttons
11. Speaker
12. Charging Rail
13. Accessory Connector
14. On/Off/Volume knob
15. Channel Selector knob
16. Rear Microphone

17. Belt Clip Slot
18. Charging Contacts

Attaching the Battery

Note:

For optimal performance, charge a new battery 14 to 16 hours before initial use.

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.

Attaching the Antenna

1. Turn off the radio.
2. Set the antenna in the receptacle and turn clockwise.

Turning the Radio On and Off

Rotate the On/Off/Volume knob clockwise or counterclockwise until a click sounds.

Adjusting the Volume

Rotate the On/Off/Volume knob clockwise or counterclockwise.

Blinking Red

Radio has failed the self-test upon powering up, has moved out of range if Auto-Range Transponder System is configured, has Mute mode enabled, is receiving an emergency transmission, is transmitting in low battery state, or is indicating a battery mismatch.

Solid Green

Radio is powering up, transmitting, or sending a Call Alert or an emergency transmission.

Blinking Green

Radio is receiving a call or data, detecting activity over the air, or retrieving Over-the-Air Programming transmissions.

Double Blinking Green

Radio is receiving a privacy-enabled call or data.

Solid Yellow

Radio is monitoring a conventional channel or in Bluetooth Discoverable Mode.

Blinking Yellow

Radio is scanning for activity, has Flexible Receive List enabled, has yet to respond to a Call Alert, or all Capacity Plus-Multi-Site channels are busy.

Double Blinking Yellow

Radio has Auto Roaming enabled, has yet to respond to a Group Call Alert, is actively searching for a new site, is not connected to the repeater while in Capacity Plus, is locked, or all Capacity Plus channels are busy.
















Lightbar Color Indicators

The following color indicators appear on the home screen at the left side of the radio display.

- Light Blue Radio is available for a call.
- Yellow Radio is receiving calls.
- Red Radio is transmitting calls.
- Grey Radio is unprogrammed or not connected.

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

	Emergency		
	Scan		
	Notification		Tx Inhibit
	Tone Disabled		Mute
	Battery		
	Secure		
	Unsecure		
	Bluetooth Connected		
	Auto Roaming		
	RSSI		
	Talkaround		
	Wi-Fi		
	Power Level		

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Documents / Resources



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