



Motorola ST7000 Two-Way Radio User Guide

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MOTOROLA SOLUTIONS

ST7000 QUICK START GUIDE

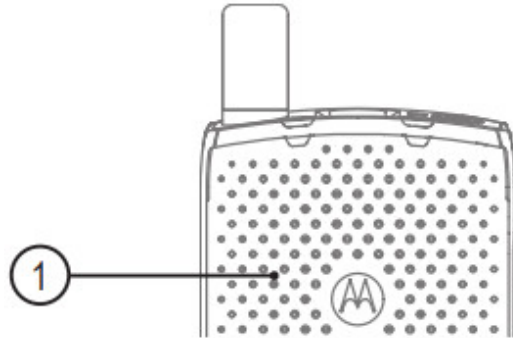


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Controls and Indicators

1. Battery Cover

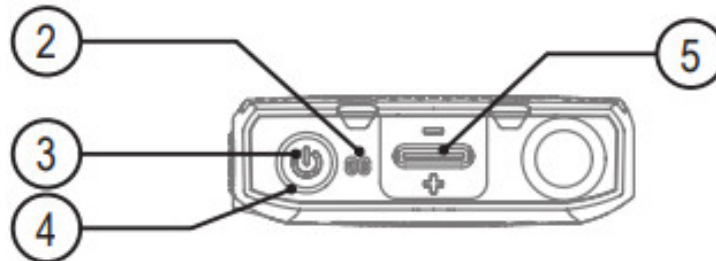


2. Top Microphone

3. Power Button

4. LED Power Indicator

5. Talkgroup Selector



6. P1 Programmable Button/ Emergency Button

7. Push-to-Talk Button (PTT)

8. Volume Button

9. P2 Programmable Button

10. Hybrid Antenna

11. LED Coverage Indicator

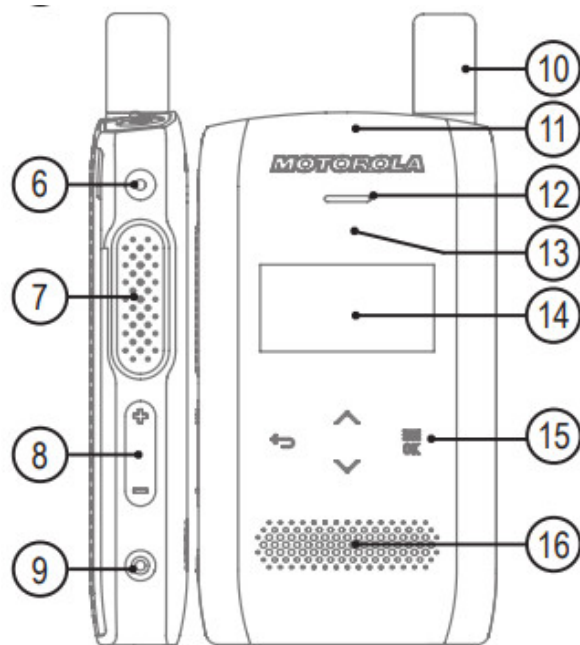
12. Earpiece

13. Proximity Sensor

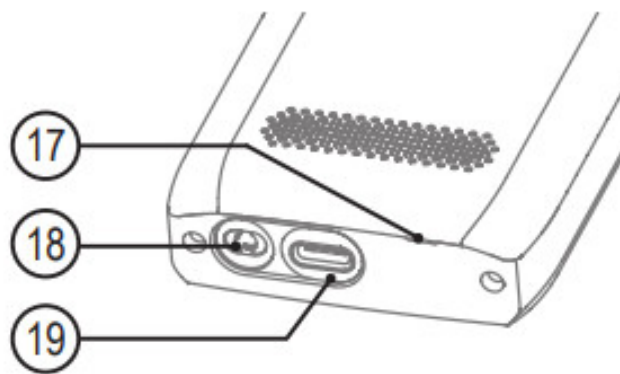
14. PMOLED Display

15. Touch User Interface

16. Speaker



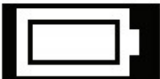




- 17. Bottom Microphone
- 18. 3.5mm Audio Connector
- 19. USB Type-C Connector



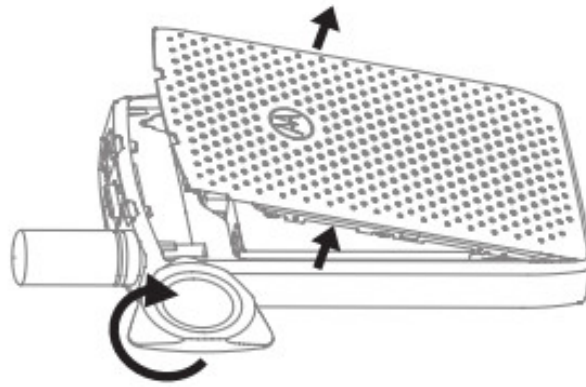
LED Power and Coverage Indicators

Indication	Coverage LED Status	Power LED Charging Status
Solid green	In use	Fully Charged
Blinking green	In service	90% Charged
Solid red	Out of service	Rapid Charge
Blinking red	Connecting to a network Entering DMO	Faulty or Invalid Battery; If the charger is not attached: Low Battery
Blinking orange	Radio is powering on	The battery is waiting to charge
Solid orange	Incoming private or phone call	Not applicable
No indication	Radio powered off	Not applicable

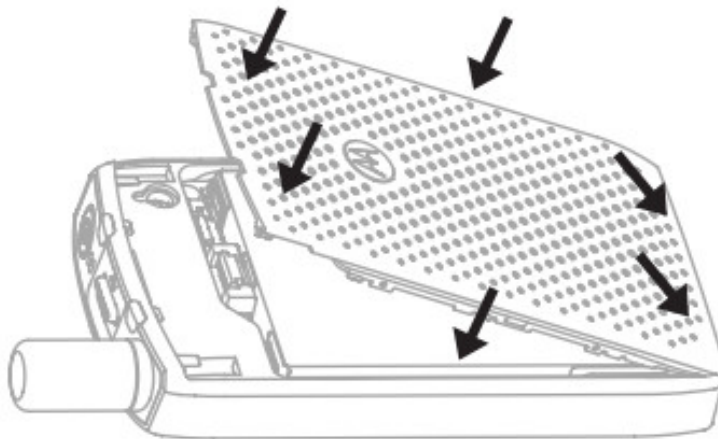
Battery Capacity Information

Information	Description
	Full (80% – 100% capacity)
	Middle (60% – 80% capacity)
	Low (25% – 60% capacity)
	Very low (5% – 25% capacity)
	Less than 5% capacity

Removing and Attaching the Battery Cover

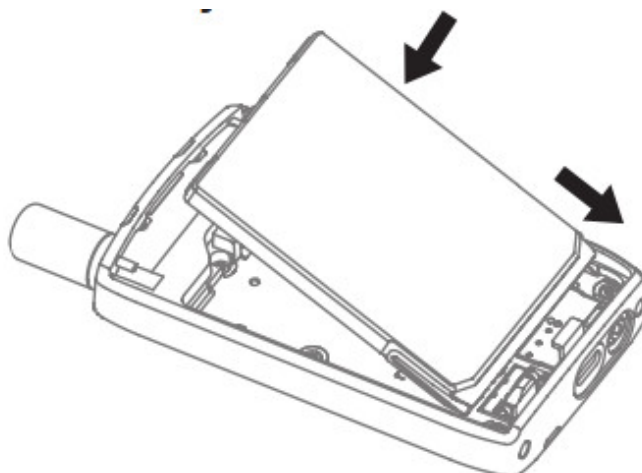


To Remove: Place and twist the battery cover opener at both top corner slots, one after the other. Lift up the battery cover along the side surface.



To Attach: Insert the bottom part of the battery cover into the slot. Press down the middle part followed by the top part of the battery cover until it clicks.

Installing the Battery



Insert the bottom part of the battery into the compartment.
Press down the top part of the battery into the compartment until it clicks.

Holding Your Radio

The radio has two microphones:

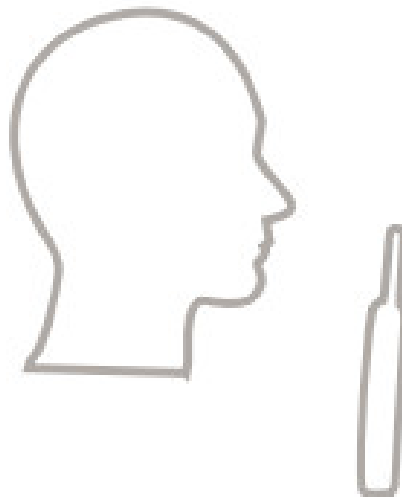
- A top microphone for the simplex group, dispatcher, or private calls

- A bottom microphone for duplex, telephone-like calls

When making duplex calls (low audio), hold your radio as you would a telephone. Speak into the bottom microphone. Listen via the earpiece. Keep the antenna at least 2.5 centimeters from your head and body.



When making simplex calls (high audio), hold the radio in a vertical position with the top microphone 5 to 10 centimeters away from your mouth. Speak into the top microphone. Listen via the radio internal speaker. Keep the antenna at least 2.5 centimeters from your head and body.



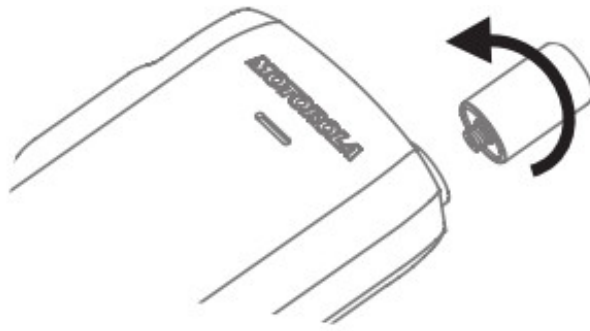
Looking After Your Radio

Never leave your radio or battery in extreme temperatures (over +85 °C), for example, behind a windscreen in direct sunlight.

The radio is not submersible (compliant with the IP54 standard, only when the battery cover and antenna are attached).







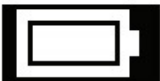






To clean your radio, use a moistened or antistatic cloth.

Attaching the Antenna



Turn the radio off before attaching the antenna.
Align the bottom part of the antenna to the threaded base on top of the radio.
Turn clockwise until snug. Do not force.

Icons

Icon	Description
	In-Service (TMO)
	No Service (TMO)
	Signal Strength
	Direct Mode (DMO)
	Emergency Call
	Scan (TMO)
	Battery Level
	Battery Charging
	Bluetooth No/Active Connection
	Migration
	High Audio
	Low Audio
	Earpiece Connected

Using the Terminal

Turning the Radio On/Off

To Turn On: Press and hold the Power button until the LED Coverage Indicator lights up.

To Turn Off: Press and hold the Power button until the screen displays Powering Off.

Turning the Display On/Off

Turn the display on/off when the radio is turned on only.

To turn the display on/off, press the Power button.

Using the Radio Menu

To enter the menu, press the Menu/OK key.

To scroll through the menu, press the Up or Down Navigation key.

To scroll quickly through the menu, press and hold the Up or Down Navigation key. To select a menu item, press the Menu/OK key.

To return to the previous level, press the Back key.

Selecting Trunked/Direct Mode Operation

Enable Trunked Mode or Direct Mode through the Customer Programming Software (CPS). From the Home Screen, enter the Menu. Scroll to and select Networks → Trunked Mode or Direct Mode.

Making TMO/DMO Group Calls

Enter TMO or DMO. From the Home Screen, toggle the Talkgroup Selector button, or enter the Menu and select Favorite TGs or TG Folders (if configured).

Select the talk group (if configured). Press and hold PTT. Wait for the talk permit tone (if configured) and talk. Release PTT to listen.

Making TMO/DMO Emergency Group Calls

Enter TMO or DMO. Press and hold the Emergency button. The emergency alarm is sent automatically (if configured). Press and hold PTT. Wait for the talk permit tone (if configured) and talk. Release PTT to listen. To exit the emergency mode, press and hold the Back key.

Making Simplex Private Calls

IN DMO: From the Home Screen, enter the Menu. Select My Contacts or Contacts (if configured). Select the targeted contact and contact number (if configured). Press and hold PTT to make the call. Wait for the talk permit tone (if configured) and talk. Release PTT to listen. Press the Back key to terminate the call.

IN TMO: From the Home Screen, enter the Menu. Select My Contacts or Contacts (if configured). Select the targeted contact and contact number (if configured). Press and release PTT to make the call. Once the call is connected, press and hold PTT. Wait for the talk permit tone (if configured) and talk. Release PTT to listen. Press the Back key to terminate the call.

Making Duplex Private/Phone/PABX Calls

From the Home Screen, enter the Menu. Select My Contacts or Contacts (if configured). Select the targeted contact and contact number (if configured). Press and release the Menu/OK key to make the call. Wait for the called party to pick up and talk.

Press the Back key to terminate the call.

Pairing Your Radio with Bluetooth Devices

From the home screen, enter the Menu. Scroll to and select BT Settings → Add Device → List of BT devices. Scroll to the required device and select.

More Information on the Radio

Visit the Motorola Solutions Web site at:

<http://www.motorolasolutions.com/>

Learning Experience Portal

User documentation available at:

<https://learning.motorolasolutions.com/>

Open Source Software Legal Notices

Available in Customer Programming Software Plus (CPS Plus) DVD



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Documents / Resources

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References

-  [Solving for Safer - Motorola Solutions](#)