ST7500
QUICK START GUIDE

Controls and Indicators

1 Battery Cover Finger Scoop
2 Battery Cover Latch
3 LED Power Indicator
4 Emergency Button
5 Talkgroup Rocker
6 Top Microphone
7 P1 Programmable Button
8 Push-to-Talk Button (PTT)
9 Back Button
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17 Up and Down Navigation Buttons
18 Menu/OK Button
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20 Seal Label
21 Bottom Microphone
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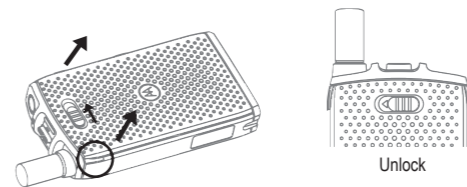## LED Status and Power Indicators

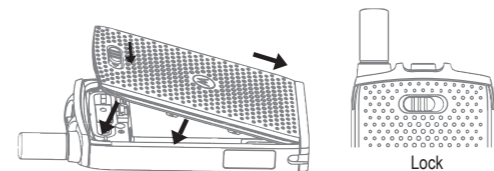| Indication	Status LED	Power LED
Solid green	In use	Fully charged
Blinking green	In service	90% charged
Solid red	Out of service	Rapid charge
Blinking red	Connecting to a network or entering DMO	Low battery (when not charging) or faulty or invalid battery
Solid orange	Radio is powering on	Not applicable
Blinking orange	Incoming private or phone call	Battery is waiting to charge
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

Getting Started
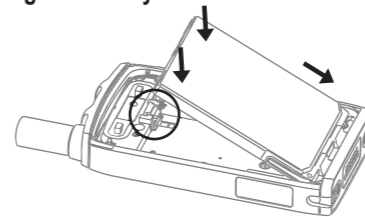
Removing and Attaching the Battery Cover

Unlock

To Remove: Slide the latch to the right to unlock the battery cover. Lift up the battery cover.

Lock

To Attach: Insert the bottom tabs of the battery cover into the slot. Press down the top part followed by the middle part of the battery cover. Slide the latch to the left to lock the battery cover.

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 onto the internal battery latch.

Holding the Radio

The radio has two microphones:
• A top microphone for simplex group, dispatcher, or private calls.
• A bottom microphone for duplex, telephone-like calls.

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

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

Looking After the Radio

Never leave the radio or battery in extreme temperatures (over +85 °C). The radio is submersible (compliant with the IP67 standard, only when the battery cover and antenna are attached). To clean the radio, use a moistened or antistatic cloth. If the radio is accidentally immersed in solutions other than water, carefully rinse with clean water and tap the radio.

IMPORTANT: Do not remove the seal label at the side of the radio (see *Controls and Indicators*, item 20) to avoid compromising the IP67 ingress protection.

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.

More Information on the Radio

Visit the Motorola Solutions Web site at:
http://www.motorolasolutions.com/

Learning Experience Portal

Feature User Guide and related documentation available at:
https://learning.motorolasolutions.com/

Open Source Software Legal Notices

Available at: https://emeaonline.motorolasolutions.com/
and on Customer Programming Software Plus (CPS Plus) DVD

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Notes

Icons

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

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Icons

Using the Terminal

Turning the Radio On or Off

To Turn On: Press and hold the **Power** button until the LED Status Indicator lights up.
To Turn Off: Press and hold the **Power** button until the screen displays `Powering Off.`

Navigating the Radio Menu

To enter the menu, press the **Menu/OK** button.
To scroll through the menu, press the **Up** or **Down Navigation** button.
To scroll quickly through the menu, press and hold the **Up** or **Down Navigation** button.
To select a menu item, press the **Menu/OK** button.
To return to the previous level, press the **Back** button.

Selecting TMO or DMO

Enable Trunked Mode Operation (TMO) or Direct Mode Operation (DMO) through the Customer Programming Software (CPS). From the home screen, enter the menu. Select **Networks → Trunked Mode** or **Direct Mode**.

Making TMO or DMO Group Calls

Enter TMO or DMO. From the home screen, toggle the **Talkgroup Rocker**, or enter the menu and select **Favorite TGs** or **TG Folders** (if configured). Select the talkgroup (if configured). Press and hold **PTT**. Wait for the talk permit tone (if configured) and talk. Release **PTT** to listen.

Making TMO or 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.
If using the Hot Mic feature, talk without pressing **PTT**.
To exit the emergency mode, press and hold the **Back** button.

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** button 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** button to terminate the call.

Making Duplex Private, Phone, or 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** button to make the call. Wait for the called party to pick up and talk. Press the **Back** button to terminate the call.

Pairing the Radio with Bluetooth Devices

From the home screen, enter the menu. Select **BT Settings → Add Device**.
Scroll to and select the targeted device from the list of scanned Bluetooth® devices.

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