

## More Information on the Radio

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User documentation available at:  
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Available in Customer Programming Software Plus (CPS Plus) DVD



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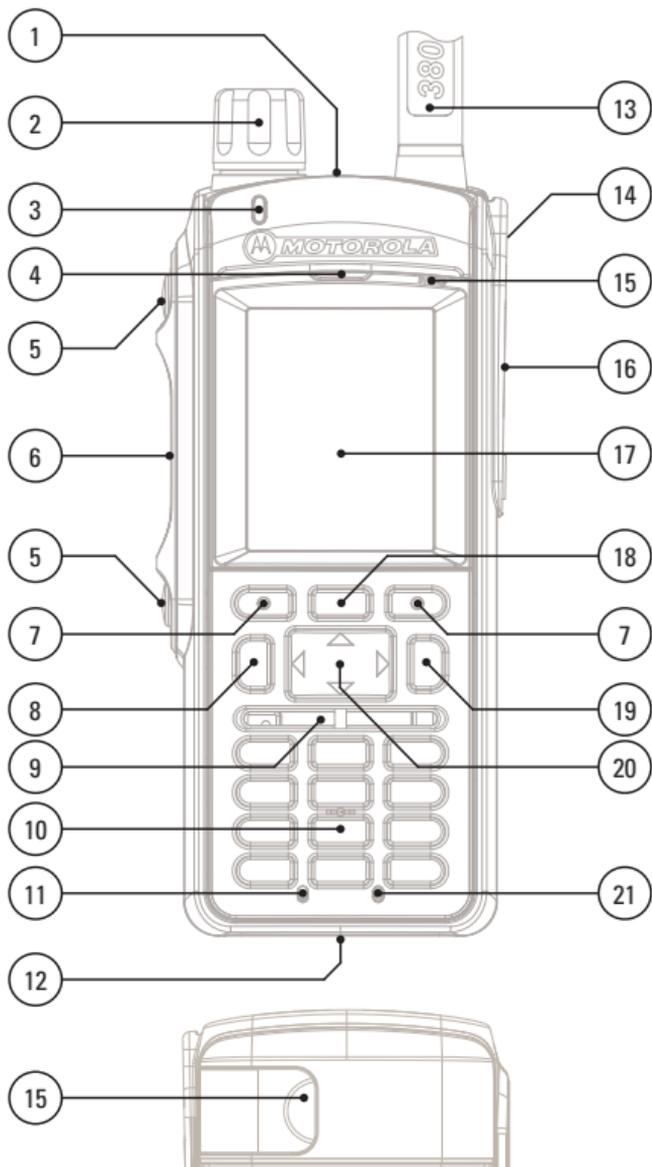


# MTP6550

## QUICK START GUIDE



## Your Radio



Number	Description
1	<p><b>Emergency</b> button</p> <p>When the radio is on, press and hold to start emergency operations. When the radio is off, press and hold to power on in the Emergency Mode.</p>
2	<p><b>Rotary Knob</b></p> <ul style="list-style-type: none"> <li>• Press and hold to lock/unlock it.</li> <li>• Rotate to set the volume.</li> <li>• Press and rotate to select a different talkgroup.</li> </ul>
3	<p><b>LED</b> Status Indicator</p>
4	<p><b>Earpiece</b></p>
5	<p>Programmable <b>Side</b> buttons</p> <p>The upper button activates Flip Display and the lower activates High/Low audio One-Touch Button. Your service provider may change the programmed functions of these buttons.</p>
6	<p><b>PTT</b> (Push-To-Talk)</p> <p>Press and hold to talk in simplex calls or initiate group calls. Release it to listen.</p>
7	<p><b>Soft</b> keys</p> <p>Press the left/right <b>Soft</b> key to select the option displayed above it.</p>
8	<p><b>CALL</b> key</p> <ul style="list-style-type: none"> <li>• Press to initiate or answer duplex calls.</li> <li>• Press to send messages.</li> <li>• Press in the home screen to enter the <b>Recent Calls</b> menu item.</li> </ul>
9	<p><b>Slimport Speaker</b></p>
10	<p><b>Keypad</b></p> <p>Press to enter alphanumeric characters, or press and hold to activate One-Touch Button features.</p>
11	<p><b>Bottom Microphone</b></p> <p>Activated during duplex low audio calls such as private calls.</p>
12	<p><b>Bottom Connector</b></p> <p>Used for charging and programming the radio, and connecting data transfer cables.</p>
13	<p><b>Antenna</b></p>

Number	Description
14	<p><b>External Antenna Connector</b> Used with the digital car kit to connect the RF signal to the external antenna.</p>
15	<p><b>Top Microphone</b> Activated during simplex high audio calls such as group calls.</p>
16	<p><b>Side Connector</b> Provides connection for accessories.</p>
17	<p><b>Display</b> Provides alphanumeric text and images within 65,536 colors and 240 x 320 pixels with scalable fonts and contrast.</p>
18	<p><b>Menu key</b> Press to enter the main menu (from the home screen) or the context-sensitive menu.</p>
19	<p><b>EXIT key</b></p> <ul style="list-style-type: none"> <li>• Press and hold to turn on/off the radio.</li> <li>• Press to end calls.</li> <li>• Press to return to the home screen.</li> </ul>
20	<p><b>Navigation key</b> Press the <b>Navigation</b> key to scroll the list while moving around the menu, or to navigate the text.</p> <p>From the home screen, press:</p> <ul style="list-style-type: none"> <li>• Down <b>Navigation</b> key – to enter the <b>Recent Calls</b> menu item.</li> <li>• Up <b>Navigation</b> key – to change the <b>My Groups</b> talkgroup folder.</li> <li>• Left and right <b>Navigation</b> key – to browse through the talkgroups.</li> </ul>
22	<p><b>Backlight Sensor</b> By measuring the ambient light intensity, the keypad backlight sensor determines if there is a need to light up the keypad backlight.</p>

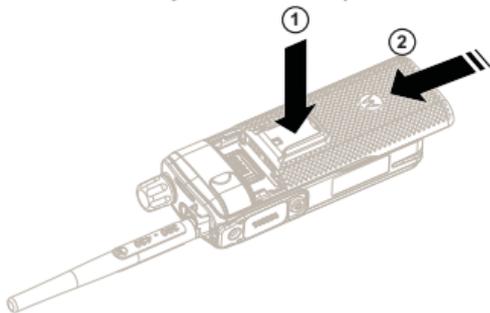
## Attaching the Antenna

- 1 Align the bottom of the antenna and the screw-in base on the top of the radio.
- 2 Turn clockwise until snug. Do not force.



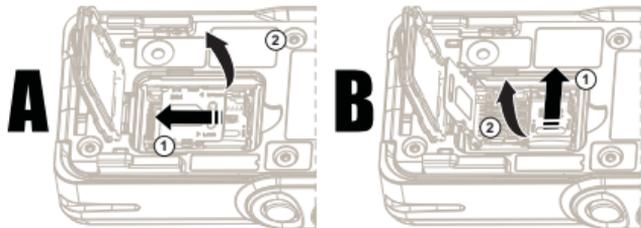
## Installing the Battery

- 1 Insert the battery into the compartment.
- 2 Slide the battery towards the top of the radio until it clicks.

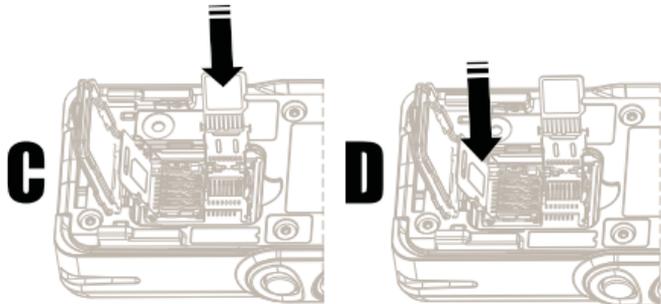


## Installing the MicroSD and SIM Cards

- 1 Remove the battery.
- 2 Open the plastic compartment cover.
- 3 Slide the SIM card holder and lift it up **(A)**.
- 4 Slide the microSD card holder and lift it up **(B)**.



- 5 Insert the microSD card (C) and close the microSD card holder.
- 6 Insert the SIM card (D) and close the SIM card holder.



- 7 Close the compartment cover.
- 8 Replace the battery.

## Turning the Radio On/Off

To power the radio on/off, press and hold .

 If the Covert Mode is activated, the radio powers on without visible and audible notifications.

## Holding Your Radio

The radio has two microphones:

- A top microphone for simplex group, dispatcher, or private calls
- A bottom microphone for duplex, telephone-like calls

### Simplex Calls

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.



### Duplex 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.



### Lapel/Shoulder Use

For group and private calls turn your head towards your shoulder/lapel, and speak directly into the top microphone. Listen through the internal speaker.

### Speakerphone Use

Place your radio 30–60 centimeters away from you. In a noisy environment, move the radio closer for better transmission.

## Battery Capacity Information

Icon	Description
	80%–100% capacity
	60%–80% capacity
	40%–60% capacity
	25%–40% capacity
	15%–25% capacity

Icon	Description
	5%–15% capacity
	0%–5% capacity

## Status Icons

Icon	Description
	In Service (TMO) – standard/extended icon
	No Service (TMO) – standard/extended icon
	Signal Strength – standard/extended icon
	High RF Power – standard/extended icon
	Direct Mode
	Using Gateway
	Repeater Mode
	Emergency
	Scan
	Priority Scan

Icon	Description
	Battery Level
	Battery Charging
	All Rings Muted
	Simplex Ring Muted
	Duplex Ring Muted
	Migration
	Low Audio
	High Audio
	Earpiece Connected
	New Message Has Arrived
	New Message(s)
	Packet Data
	
	Radio Keys Locked

Icon	Description
	GPS
	Invalid MicroSD Card
	USB Connected
 	No Active Bluetooth Connection/Bluetooth Active

## LED Status Indicator

Indication	Status	Charging Status
	In use	Battery fully charged
	In service	Battery charged at 90%
	Out of service	Rapid charge
	Connecting to a network Entering DMO	Faulty or invalid battery
	Transmit inhibit in service Channel busy in DMO	
	Incoming private or phone call	Battery waiting to charge
	Switched off	

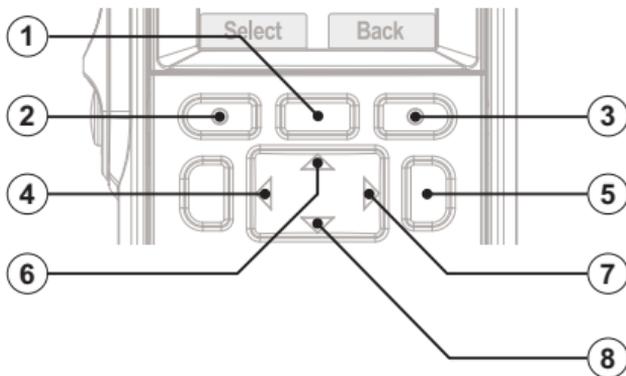
## Unlocking Your Radio

Your radio may be locked at power on. To unlock it, enter the PIN code at the prompt. By default the code is set to **0000**. Your service provider may change this number before you receive your radio.

## Locking/Unlocking the Keypad

To unlock/lock the keypad, press  and then .

## Using the Radio Menu



Press:

- 1 – to enter the menu.
- 2 – to select a menu item.
- 3 – to return to the previous level.
- 4 – to return to the previous level.
- 5 – to exit the menu.
- 6 – to scroll up.
- 7 – to select a menu item.
- 8 – to scroll down.

## Personalizing Your Radio

From the home screen, press . Go to **More . . .** → **Setup**. Go to a menu item you would like to modify (for example, **Vibrate**, **Tones**, or **Display**) and select the preferred settings.

## Activating Covert Mode

- 1 From the home screen, press .
- 2 Select **Security** → **Covert Mode**.
- 3 Select **On** to enable or **Off** to disable the Covert Mode.

## Selecting TMO/DMO

- 1 From the home screen, select **Optns.**
- 2 Select the required mode.

## Making TMO/DMO Group Calls

- 1 Enter TMO or DMO.
- 2 From the home screen, use     or the rotary knob to highlight the target talkgroup.
- 3 Select **Select** (if configured).
- 4 Press and hold **PTT**.
- 5 Wait for the talk permit tone (if configured) and talk.
- 6 Release **PTT** to listen.

## Making TMO/DMO Emergency Calls

- 1 Enter TMO or DMO.
- 2 Press and hold the **Emergency** button. The emergency alarm is sent automatically (if configured).
- 3 Press and hold **PTT**.
- 4 Wait for the talk permit tone (if configured) and talk.
- 5 Release **PTT** to listen. If using the Hot Mic feature, wait for the **Emergency Mic On** message to appear on the display, then talk without pressing **PTT**.
- 6 To exit the Emergency Mode, press and hold the **Exit** soft key.

## Making Simplex Private Calls

### In DMO

- 1 From the home screen, dial a number.
- 2 To make the call and talk, press and hold **PTT** to talk (wait for the talk permit tone if configured).
- 3 Release **PTT** to listen.
- 4 Press  to terminate the call.

### In TMO

- 1 From the home screen, dial a number.
- 2 Press and release **PTT** to make the call.
- 3 Wait for the called party to pick up.

- 4 Once the call is connected, press and hold **PTT** to talk (wait for the talk permit tone if configured).
- 5 Release **PTT** to listen.
- 6 Press  to terminate the call.

## Making Duplex Private Calls/Phone/PABX Calls

- 1 From the home screen, dial a number.
- 2 Press and release . The ringing sounds. The called party answers.
- 3 Press  to terminate the call.

To answer an incoming call, press .

## Activating Transmit Inhibit Mode

In the Transmit Inhibit Mode (TXI) the radio sends no radio transmissions and only emergency calls are allowed.

- 1 From the home screen, press .
- 2 Select **Networks** → **TXI Mode** → **Activate**.

## Sending Text Messages

- 1 From the home screen, press .
- 2 Select **Messages** → **New Message**.
- 3 Enter your message and select **Send**.



If you want to change the default text input, for example, use symbols or numbers, press  and select **Entry Mode**. The available options are:

- **Primary** – basic alphanumeric characters
- **Numeric** – numbers only
- **Symbol** – symbols only
- **Secondary** – alphanumeric characters including diacritics



If you want to change the input method, press  and select **Entry Setup**. The two available methods are:

- **TAP** – enter letters, numbers, and symbols by pressing an alphanumeric key one or more times
- **ITAP** – let the radio predict each word as you press an alphanumeric key

- 4 Select **Private** or **Group**.

## Sending Status Messages

- 1 From the home screen, press .
- 2 Select **Messages** → **Send Status**.
- 3 Perform one of the following actions:
  - Highlight the required status message and select **Select**, or press  or the **PTT** button.
  - If the status list is empty, enter a 5-digit status message number and select **Send**.

## Pairing Your Radio with Bluetooth Devices

Pairing is a process that creates a link between two Bluetooth-enabled devices. Once paired, devices remember each other and every subsequent connection between them is authenticated automatically.

- 1 From the home screen, press .
- 2 Select **Bluetooth** → **Scan for Accessories**.
- 3 Highlight the required device and select **Pair**.
- 4 If needed, enter a PIN code or a passkey.

## Sending Files by Using Bluetooth

- 1 From the home screen, press .
- 2 Perform one of the following actions:
  - To send any file you received, select **Bluetooth** → **My Received Files**.
  - To send an image you captured, select **Pictures** → **View**.
- 3 Highlight the required file and press .
- 4 Select **Forward** (received files) or **Send** (captured images).
- 5 Perform one of the following actions:

If...	Then...
If the paired devices list is empty,	wait until the radio displays the list. Highlight the device and select <b>Select</b> .
If the required recipient device is present on the paired devices list,	highlight the device and select <b>Select</b> .
If the required recipient device is not present on the paired devices list,	refresh the list by selecting <b>Search</b> . Highlight the device and select <b>Select</b> .

## 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 submersible (compliant with the IP67 standard) – but only with the battery and the antenna attached.
- To clean your radio, use a moistened or antistatic cloth.