

- 1 Battery Cover
- 2 LED Status Indicator
- 3 On/Off/Info Button
- 4 Talkgroup/Contact List Scroll Rocker
- 5 Push-to-Talk (PTT) Button
- 6 Volume Button
- 7 Menu/Programmable Button
- 8 Charging Contacts
- 9 LTE Antenna
- 10 GPS/Wi-Fi
- 11 High-Output Speaker
- 12 Microphone
- 13 LED Display
- 14 Audio Accessory Port
- 15 USB Port

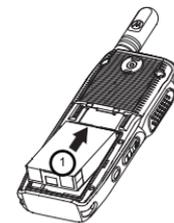
### LED Indicators for Operational and Charging Status

LED Indication	Operational Status	Charging Status
Solid green	Is transmitting; Radio is powering on	Fully charged
Blinking green	Incoming call; During call hang-time	Not applicable
Blinking green slowly	In Area Talkgroup	Not applicable
Solid red	Not applicable	Rapid charge
Blinking red	Out of Service, Charging failure, Faulty battery	Charging failure Faulty battery
Blinking red slowly	Radio out of range	Not applicable
Blinking green and amber	In Do Not Disturb Mode	Not applicable
Solid amber	Emergency mode	Not applicable
Blinking amber	Incoming IPA Incoming Emergency Alert	Not applicable

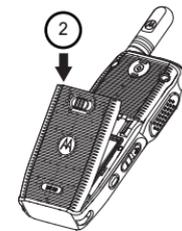
### Battery Capacity Information

Icon	LED Indication	Voice Announcement	Description
	● Solid green	Battery high	80%–100% capacity
	● Solid amber	Battery medium	60%–80% capacity
	● Solid amber	Battery medium	25%–60% capacity
	● Blinking red	Battery low	5%–25% capacity
	● Blinking red	Battery very low	Less than 5% capacity

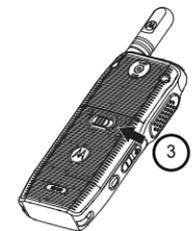
### Attaching the Battery



1. Align the battery contacts with the contacts inside the battery compartment. Insert the contact side of the battery. Push the battery in gently.



2. 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.

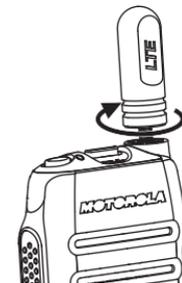


3. Slide the latch into lock position.

### Looking After The Radio

Never leave the radio or battery in extreme temperatures (over +60 °C/140 °F), for example, behind a windscreen in direct sunlight. The radio is **not** submersible. To clean the radio, use a moistened or antistatic cloth.

### Attaching and Removing the Antenna



1. Turn the radio off.
2. Align the bottom part of the antenna to the threaded base on top of the radio.
3. a. To attach the antenna, turn clockwise until snug. Do not force.  
b. To remove the antenna, turn counterclockwise.

## More Information on the Radio

Visit the following Web site at:  
<http://www.motorolasolutions.com/>  
<https://waveoncloud.com/>

User Guide and related documents available at:  
<https://learning.motorolasolutions.com/>

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.



This document is copyright protected. Duplications for the purpose of the use of Motorola products are permitted to an appropriate extent. Duplications for other purposes, changes, additions or other processing of this document are not permitted. Only this electronically-saved document is considered to be the original. Duplications are considered merely copies. Motorola Solutions, Inc., and its subsidiaries and affiliates do not vouch for the correctness of such kinds of copies.

MOTOROLA, MOTO, MOTOROLA SOLUTIONS and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. All other trademarks are the property of their respective owners.  
 © 2019 Motorola Solutions, Inc. All rights reserved.



MN005174A01-AB



## Icons

Description	Icon
Contact List	
Battery Level	
Battery Charging	
Volume Level	
Mute Mode	
Brightness Level	
Do Not Disturb	
Voice Announcement	
All Alert Tones	
Cellular Signal Level	
Wi-Fi Signal Level	
Location	
Software Available	
Bluetooth	
Scan	

Description	Icon
Instant Personal Alert (IPA)	
Emergency	
Area Talkgroup	
Radio Stun	
Ambient Listening	
User Disabled/Suspended	

## Activating and Provisioning the Radio

Before using the radio, make sure the WAVE Customer account is activated.

To activate the WAVE Customer account, scan the QR code on the label behind the battery or visit the following website:  
<https://waveoncloud.com/activate>

After the device is activated, provisioning of radio features and programmable button can be configured in the WAVE portal.

## Turning the Radio On/Off

To turn the radio on, press and hold the **On/Off/Info** Button until the LED status indicator lights up.

To turn the radio off, press and hold the **On/Off/Info** Button until the screen displays powering off animation.

## Using the Menu/Programmable Button

You can program the programmable buttons as shortcuts to radio functions in the WAVE portal.

For the default radio setting, short press is assigned to the Menu and long press is assigned to the Contact List.

## Using the Radio Menu

To enter and scroll through the menu, short press the **Menu/Programmable** Button.

To scroll through the programmed function in the sub-menu, press the **Volume** Button.

To exit the menu, press the **On/Off/Info** Button, **Talkgroup/Contact List Scroll Rocker**, **PTT** Button, or wait for timer to expire.

## On/Off/Info Button

Press the **On/Off/Info** Button. The radio sounds and displays the emergency and alert list, Instant Personal Alert (IPA) list, battery strength level, cellular strength level, Wi-Fi strength level, software available for installation indicator (restart to install), and radio name. When the radio displays the battery strength level, the battery strength LED status indicator lights up.

## Talkgroup List and Contact List

To select Group List, toggle the **Talkgroup/Contact List Scroll** Rocker.

If Contact List is pre-programmed to your radio, short or long press the **Menu/Programmable** Button directly to access the Contact List, else manually enter the Contact List with the menu function. To scroll through the Contact List, toggle the **Talkgroup/Contact List Scroll** Rocker or push the **Volume** Button. To exit, press the **Menu/Programmable** Button.

## Making Group Calls

The radio must be configured as part of that group to make a call to a group of users. Select a channel with the active group alias or ID. Press the **PTT** Button. The LED status indicator lights up solid green. The display shows the group call alias. Wait for the Talk Permit Tone to finish (if enabled), speak into the microphone. Release the **PTT** Button to listen.

## Making Private Calls

If Contact List is pre-programmed to your radio, short or long press the **Menu/Programmable** Button directly to access the Contact List, else manually enter the Contact List with the menu function. Select the preconfigured contact. Press the **PTT** Button. Once the call is connected, the LED status indicator lights up solid green and displays the subscriber alias. Wait for the Talk Permit Tone to finish (if enabled), speak into the microphone. Release the **PTT** Button to listen.