

# WAVE™ TWO-WAY RADIO

RAPID RELIABLE DEPLOYMENT.  
NATIONWIDE USE.



## GENERAL SPECIFICATIONS

|  |   |
|--|---|
| Network  | 4G LTE  |
| Channel Capacity   | 8 Channels (expandable to 96)   |
| Contact List   | 300 contacts  |
| Dimensions (H x W x L)   | Without Antenna:<br>5.17 x 2.31 x 0.87 in (131.3 x 58.6 x 22.15 mm)<br>With Antenna:<br>6.65 x 2.31 x 0.87 in (168.9 x 58.6 x 22.15 mm) |
| Weight with Battery  | 5.86 oz (166g)  |
| Battery Capacity   | 3.7V (Nominal) 2300 mAh with PMNN4468A  |
| Battery (Li-Ion (2300 mAh)<br>Battery) Operating Hours<br>5:5:90 Duty Cycle* | 18 Hours  |
| Voice Codec  | OPUS  |
| Bluetooth  | Bluetooth Capable**, V4.1, BLE  |
| GPS  | GPS/AGPS  |
| Wi-Fi  | 802.11 a/b/g/n 2.4/5.0 GHz  |
| SIM CARD   | Embedded MFF2 UICC  |
| IP Rating  | IP54 IEC60529   |
| Apps Supported   | Powered by WAVE OnCloud   |
| Encryption   | AES-256   |

\*Battery life may vary depending on use and conditions.

\*\*Future Bluetooth accessory compatibility to be enabled with over-the-air software update.

## ENVIRONMENTAL SPECIFICATIONS

|                          |  |
|--------------------------|--|
| Operating Temperature*   | -4°F/+140°F / 14°F/+140°F with battery |
| Storage Temperature      | -40°F / +185°F                         |
| Thermal Shock            | Per MIL-STD                            |
| Humidity                 | Per MIL-STD                            |
| ESD                      | IEC 61000-4-2 Level 4                  |
| Dust and Water Intrusion | IEC60529 - IP54 Cat 2                  |
| Packaging Test           | Per MIL-STD                            |

\*Radio only. Operating temperature specification for a Li-Ion battery is -4°F/+140°F.

## APPLICABLE U.S. MILITARY SPEC RATINGS

| MIL 810G STANDARD* | METHOD | PROCEDURES |
|--------------------|--------|------------|
| Low Pressure       | 500.5  | I, II      |
| High Temperature   | 501.5  | I, II      |
| Low Temperature    | 502.5  | I, II      |
| Temperature Shock  | 503.5  | I, II      |
| Solar Radiation    | 505.5  | I-C        |
| Rain Blowing       | 506.5  | I          |
| Dust Blowing       | 510.5  | I          |
| Immersion          | 512.5  | I          |
| Vibration          | 514.6  | I          |
| Shock              | 516.6  | I,IV       |

\*Also meets equivalent MIL-STD-810-C, -D, -E and -F.



# WAVE™ TWO-WAY RADIO TLK 100 ACCESSORIES



PMLN7932

## CARRY ACCESSORIES

Our versatile portfolio includes a swivel carry holster (ships in-box with radio), a flexible hand strap and a rotating heavy duty belt clip.

|          |                                     |
|----------|-------------------------------------|
| PMLN6074 | Nylon Wrist Strap                   |
| PMLN7128 | Heavy-Duty Swivel Belt Clip         |
| PMLN7932 | Carry Holster with Swivel Belt Clip |



PMNN4468



PMLN7101



PMLN7109

## BATTERIES, CHARGERS AND CABLES

Keep your radios functioning at all times with these essentials. Charge your Lithium Ion batteries in single or multi-unit charging docks.

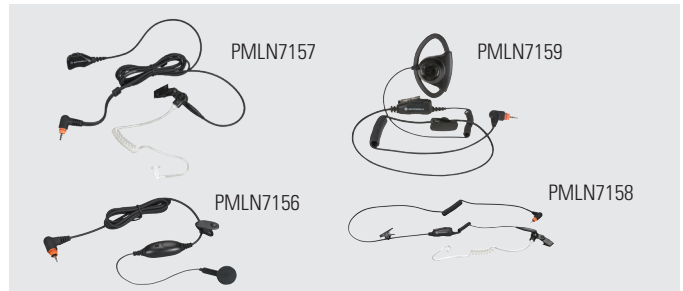
|             |   |
|-------------|---|
| PMNN4468    | Li-Ion 2300 mAh Battery                                       |
| HKLN4678    | Battery Cover   |
| PS000150A11 | Micro USB Wall Charger, 5W 100V-240V (US Plug)                |
| PMLN7101    | Six-Pocket Multi-Unit Rapid Rate Charger, 90V-264V (US plug)  |
| PMLN7109    | Single-Unit Rapid Rate Charger 5V/1A, 5W, 100V-240V (US plug) |
| CB000262A01 | Micro USB Programming Cable                                   |

## ADDITIONAL ACCESSORIES

Compatible Accessories not sold by Motorola Solutions.

|         |   |
|---------|---|
| AT6749A | Hands Free (Complete Car Kit)           |
| AT6750A | Hands Free with Lock (Complete Car Kit) |
| AT3069A | Advance Communicator                    |
| AT6088A | 12 Bay Battery Charger                  |
| AT6751A | Mobile Radio Charger Kit                |

Learn more at [www.waveoncloud.com](http://www.waveoncloud.com)



PMLN7157

PMLN7159

PMLN7156

PMLN7158

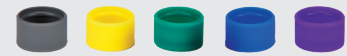
## AUDIO ACCESSORIES

WAVE two-way radio audio accessories are designed for lasting comfort and improved device performance. In-line microphones and prominent push-to-talk features provide easy hands-free communication.

|            |   |
|------------|---|
| PMLN7189   | Swivel Earpiece with In-Line Microphone and Push-To-Talk                      |
| PMLN7156   | Mag One Earbud with In-Line Microphone and Push-To-Talk                       |
| PMLN7157   | 2-Wire Surveillance Kit with Translucent Tube, Black                          |
| PMLN7158   | 1-Wire Surveillance Kit with In-Line Microphone and Push-To-Talk, Black       |
| PMLN7159   | Adjustable D-Style Earpiece with In-Line Microphone and Push-To-Talk, Black   |
| RLN6242    | Low Noise Kit with Translucent Tube and 1 Clear Rubber Eartip                 |
| 5080384F72 | Replacement Foam Plugs for RLN6242. Noise Reduction = 24dB. Pack of 50 pairs. |
| RLN6282    | Replacement Standard Clear Rubber Eartip for RLN6242. Pack of 50.             |



HKAN4002



ANTENNA ID BANDS

## ANTENNAS

Outfit your WAVE two-way radio with a high efficiency stubby antenna. Colored antenna ID bands are available for easy customization.

|             |                                     |
|-------------|-------------------------------------|
| HKAN4002    | Stubby Antenna - US                 |
| 32012144001 | Gray Antenna ID Band (pack of 10)   |
| 32012144002 | Yellow Antenna ID Band (pack of 10) |
| 32012144003 | Green Antenna ID Band (pack of 10)  |
| 32012144004 | Blue Antenna ID Band (pack of 10)   |
| 32012144005 | Purple Antenna ID Band (pack of 10) |

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. © 2018 Motorola Solutions, Inc. All rights reserved.



CHICAGO COMMUNICATIONS LLC  
200 Spangler Ave.  
Elmhurst, IL 60126  
[www.chicomm.com](http://www.chicomm.com)  
800.831.3223

