

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: 5.17 x 2.31 x 0.87 in (131.3 x 58.6 x 22.15 mm) With Antenna: 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) Battery) Operating Hours 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



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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) |