

# WAVE™ RADIO TLK 100

**RAPID RELIABLE DEPLOYMENT.  
EUROPE-WIDE USE.**



## GENERAL SPECIFICATIONS

|   |   |
|---|---|
| Network   | 3G/4G, Wi-Fi®   |
| Channel Capacity  | 96 Channels   |
| Contact List  | 300 contacts  |
| Dimensions (H x W x L)  | Without Antenna:<br>131 x 59 x 22 mm (5.2 x 2.3 x 0.9 in)<br>With Antenna:<br>169 x 59 x 22 mm (6.7 x 2.3 x 0.9 in) |
| Weight with Battery   | 170g (6.0 oz)   |
| Battery Capacity  | 3.7V (Nominal) 2500 mAh   |
| Battery (2500mAh Li-Ion Battery)<br>Operating Hours<br>5:5:90 Duty Cycle* | 18 Hours  |
| Voice Codec   | OPUS  |
| Bluetooth®  | Bluetooth Capable, V4.2, BLE  |
| GPS   | GNSS / A-GNSS<br>(GPS, GLONASS, Galileo, BeiDou)  |
| Wi-Fi   | 802.11 a/b/g/n 2.4/5.0 GHz  |
| SIM CARD  | Pre-installed SIM   |
| IP Rating   | IP54 IEC60529   |
| Apps Supported  | Powered by WAVE   |
| 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    | -20°C to 60°C / -4°F to +140°F (radio)<br>-10°C to 60°C / 14°F to 140°F (with battery) |
| Storage Temperature      | -40°C to 85°C (-40°F to +185°F)  |
| Thermal Shock            | Per MIL STD-810  |
| Humidity                 | Per MIL STD-810  |
| ESD                      | IEC 61000-4-2 Level 4  |
| Dust and Water Intrusion | IEC60529 - IP54 Cat 2  |
| Packaging Test           | Per MIL STD-810  |

## MIL-STD-810G RATINGS\*

|                   | 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 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 |



PMNN4578

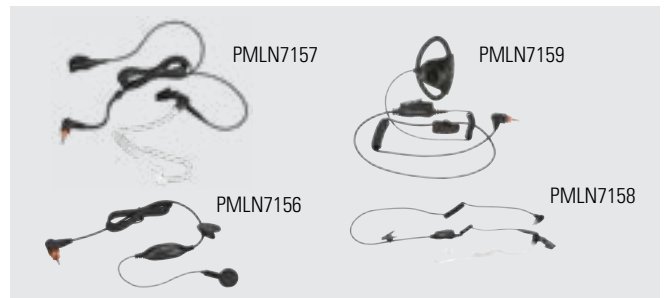
PMLN7102 /  
PMLN7162

PMLN7110 /  
PMLN7163

## 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.

|             |  |
|-------------|--|
| PMNN4578    | Li-Ion 2500 mAh Battery  |
| HKLN4684    | Battery Cover  |
| PS000042A12 | Micro USB Wall Charger, 5W 100V-240V (EUR plug)                |
| PS000042A13 | Micro USB Wall Charger, 5W 100V-240V (UK plug)                 |
| PMLN7102    | Six-Pocket Multi-Unit Rapid Rate Charger, 90V-264V (EUR plug)  |
| PMLN7162    | Six-Pocket Multi-Unit Rapid Rate Charger, 90V-264V (UK plug)   |
| PMLN7110    | Single-Unit Rapid Rate Charger 5V/1A, 5W, 100V-240V (EUR plug) |
| PMLN7163    | Single-Unit Rapid Rate Charger 5V/1A, 5W, 100V-240V (UK plug)  |
| CB000262A01 | Micro USB Programming Cable                                    |



PMLN7157

PMLN7159

PMLN7156

PMLN7158

## AUDIO ACCESSORIES

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

|            |  |
|------------|--|
| PMLN7189   | Swivel Earpiece with In-Line Microphone and Push-To-Talk Button                    |
| PMLN7156   | Mag One Earbud with In-Line Microphone and Push-To-Talk Button                     |
| PMLN7157   | 2-Wire Surveillance Kit with Translucent Tube, Black                               |
| PMLN7158   | 1-Wire Surveillance Kit with In-Line Microphone and Push-To-Talk Button, Black     |
| PMLN7159   | Adjustable D-Style Earpiece with In-Line Microphone and Push-To-Talk Button, 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 radio with a high efficiency stubby antenna. Coloured antenna ID bands are available for easy customisation.

|             |                                     |
|-------------|-------------------------------------|
| HKAN4003    | Stubby Antenna - LTE                |
| 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) |

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

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