

TLK 100 WAVE PTX™ RADIO

RAPID, RELIABLE DEPLOYMENT.
USE EUROPE-WIDE¹.



GENERAL SPECIFICATIONS

| | |
|---|---|
| Network | 3G/4G, Wi-Fi |
| Channel Capacity | 96 Channels |
| Contact List | 300 contacts |
| Dimensions (H x W x L) | Without Antenna: 131 x 59 x 22 mm (5.2 x 2.3 x 0.9 in) With Antenna: 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) Operating Hours 5:5:90 Duty Cycle ² | 18 Hours |
| Voice Codec | OPUS |
| Bluetooth | V4.2, BLE |
| GPS | GNSS / A-GNSS (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 PTX |
| Encryption | AES-256 |

² Battery life may vary depending on use and conditions.

ENVIRONMENTAL SPECIFICATIONS

| | |
|--------------------------|--|
| Operating Temperature | -20°C to 60°C / -4°F to +140°F (radio) -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 RATINGS³

| | 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 |

³ Also meets equivalent MIL-STD-810-C, -D, -E and -F.



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 |
| PS000227A12 | Micro USB Wall Charger, 5W 100V-240V (EUR plug) |
| PS000227A13 | 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 |



AUDIO ACCESSORIES

WAVE PTX 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.

| | |
|------------|--|
| PMMN4125 | RM250 Wired Remote Speaker Microphone |
| PMMN4127 | WM500 Bluetooth Remote Speaker Microphone |
| PMLN8123 | EP910W Bluetooth Earpiece With PTT Button |
| 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 |
| PMLN7560 | Receive-only earpiece with clear tube for use with RSM |
| 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 PTX 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/WAVEPTX

¹Coverage limited to EU, EFTA and UK and will vary depending on conditions.

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Availability is subject to individual country law and regulations. All specifications shown are typical unless otherwise stated and are subject to change without notice.

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