

TLK 150 WAVE PTX™ RADIO

**RAPID, RELIABLE DEPLOYMENT.
USE WHEREVER YOUR
NETWORK TAKES YOU.**



**EASY TO USE AND MANAGE
BUILT FOR THE JOB - SAFELY OPERATE IN VEHICLE
BROADBAND PUSH-TO-TALK**

Get your team up and running quickly. Combine the wide-area coverage of a broadband network with the ease of push-to-talk radio communications.

Safely operate while driving with one button push-to-talk. Manage talk groups and subscriptions in real time. Increase coverage, connections, and productivity without expanding infrastructure.

There's no costly or time-consuming spectrum licensing, or manual programming required.

FEATURE HIGHLIGHTS

- Private and group push-to-talk
- Over-the-air device management
- 4G LTE, 3G and Wi-Fi connectivity
- GPS location tracking
- Loud and clear audio
- Real-time presence
- Bluetooth enabled
- 12V/24V dual voltage support



DATA SHEET TLK 150

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MOTOROLA SOLUTIONS

GENERAL SPECIFICATIONS

| | |
|--------------------------------|---|
| Network | 4G LTE: 1,2,3,4,5,7,8,13,17,19,20,21,28 3G UMTS: 1,2,5,8 |
| Channel Capacity | 96 Channels |
| Contact List | 300 contacts |
| Dimensions (W x H x L) | 169mm x 44mm x 93mm |
| Weight | 640 g |
| Voice Codec | OPUS |
| Wi-Fi | 802.11 a/b/g/n - 2.4 / 5.0 GHz |
| Bluetooth | Bluetooth V4.2 BR/EDR + BLE |
| Location | GNSS / A-GPS (GPS, GLONASS, Galileo, BeiDou) |
| Models Available | Pre-installed SIM – data service included in WAVE PTX subscription ¹ SIM free – add your own SIM and data service ² |
| IP Rating | IP54 IEC60529 |
| Apps Supported | Powered by WAVE PTX |
| Encryption | AES-256 |
| Antennas | LTE antennas - External GNSS antenna - External Wi-Fi/Bluetooth antenna - Internal |
| Connectors | Front RJ45 connector for wired mobile microphone Back antenna SMA connectors Back 20-pin MAP connector for other accessories |
| Rated Audio | 4 W (Internal) 16 W (External - 4 ohms) |
| Audio Distortion @ Rated Audio | 3% (Typical) |
| E-mark | E57 10R-060113 |

ENVIRONMENTAL SPECIFICATIONS

| | |
|--------------------------|---|
| Operating Temperature | -20°C to +60°C |
| Storage Temperature | -40°C to +85°C |
| Thermal Shock | Per MIL STD-810 |
| Humidity | Per MIL STD-810 |
| ESD | IEC61000 - 4-2 Level 4 |
| Dust and Water Intrusion | IEC60529 - IP54 Cat 2 |
| Packaging Test | Per MIL STD-810 |
| Automotive | E-mark, ECE Regulation No.10 for Electrical/Electronic-Subassembly |

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 |



TLK 150 ACCESSORIES



PUSH-TO-TALK SOLUTIONS

Make communicating easier and safer with these optional accessories from a simple PTT microphone to a complete hands free solution.

| | |
|----------|--|
| PMMN4129 | Wideband Compact Mobile Microphone |
| GMMN4065 | Visor Microphone |
| RLN4856 | Footswitch Push-to-Talk |
| RLN4857 | Remote Mount Pushbutton Push-to-Talk |
| RLN4836 | Emergency Footswitch |
| PMMN4127 | WM500 Bluetooth Remote Speaker Microphone |
| PMLN8123 | EP910W Bluetooth Earpiece With PTT Button |
| PMLN8036 | Replacement Small Round Earbud for PMLN8123. Pack of 5. |
| PMLN8037 | Replacement Medium Round Earbud for PMLN8123. Pack of 5. |
| PMLN8038 | Replacement Large Round Earbud for PMLN8123. Pack of 5. |
| PMLN7940 | Replacement Small Oval Earbud for PMLN8123. Pack of 5. |
| PMLN7941 | Replacement Large Oval Earbud for PMLN8123. Pack of 5. |
| PMLN8298 | WP300 Wireless Bluetooth Control Pod with PTT Button (requires PMLN8190, PMLN8077 or PMLN8125) |
| PMLN8190 | Surveillance Earpiece for WP300 |
| PMLN8077 | Swivel Earpiece with Long Cord for WP300 |
| PMLN8125 | Swivel Earpiece with Short Cord for WP300 |
| PMLN8332 | Vehicular Mount for WP300 |



AC000240A01

EXTERNAL SPEAKER

Boost audio at your workstation or in your vehicle.

| | |
|-------------|---------------------------------|
| AC000240A01 | Wideband External Speaker, 13 W |
|-------------|---------------------------------|

ANTENNAS

| | |
|-------------|------------------------------|
| AN000359A01 | GNSS Dash Mount Antenna |
| AN000358A01 | LTE Dash/Glass Mount Antenna |



MOUNTING ACCESSORIES

Choose where to mount the radio without compromising safety.

| | |
|---------|---|
| RLN6466 | Low Profile Trunnion Kit |
| RLN6467 | High Profile Trunnion Kit |
| RLN6468 | Key Lock Trunnion Mount |
| FTN6083 | In-Dash Mounting Kit - DIN |
| HLN9073 | Microphone Hang-Up Clip (install by screwing to convenient surface) |
| HLN9414 | Universal Microphone Hang-Up Clip (no installation required) |

DESKTOP ACCESSORIES

Mounting aids for use in desktop control stations.

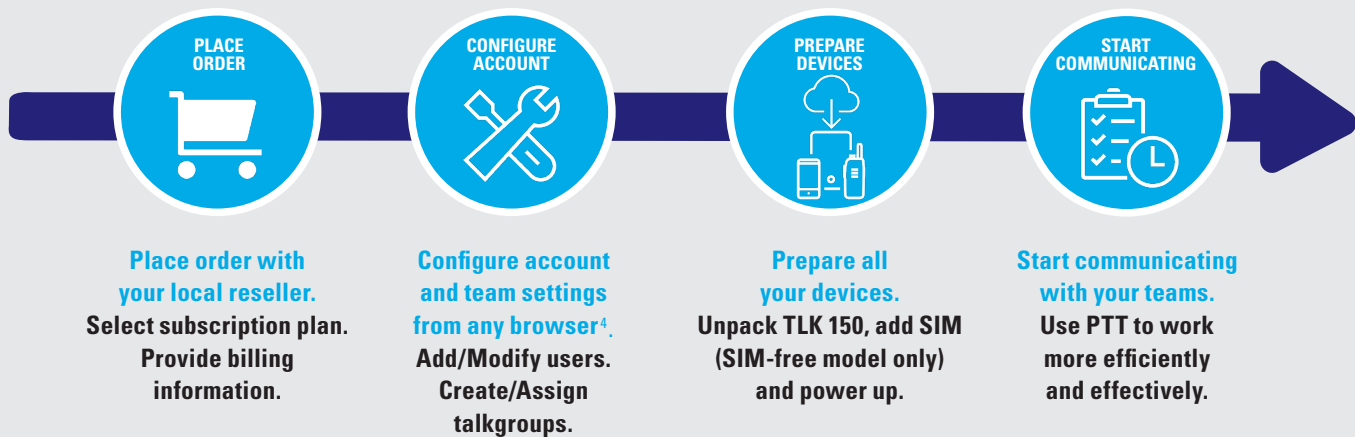
| | |
|----------|---|
| GLN7318 | Desktop Tray Without Speaker |
| HKN4191 | Mobile Power Cable 3m/10ft, 20A (PVC free) |
| PMKN4147 | Mobile Programming Cable (Controlhead Connection) |
| GMBN1021 | Accessory Connector Kit |

CABLES AND ACCESSORIES

| | |
|-------------|--|
| HKN4137 | DC Power Cable With Inline Fuse 3m/10ft, 15A |
| HKN9327 | Ignition Switch Cable |
| HLN9457 | 16 Pin MAP Connector Kit |
| HKN4191 | Battery Power Cable (3m / 10ft, 20 A) |
| HKN4192 | Battery Power Cable (6m / 20ft, 20 A) |
| GMKN4084 | Speaker Extension Cable |
| PS000242A01 | External Power Supply |
| NTN7374AR | Power Cable (Euro Plug) |
| NTN7375AR | Power Cable (UK Plug) |
| NTN7373AR | Power Cable (US Plug) |
| CB000522A01 | C6P to SAE Interface Cable |

YOUR PATH TO BROADBAND PUSH-TO-TALK COMMUNICATIONS

PLACE YOUR ORDER, GET YOUR RADIO AND START TALKING



WARRANTY AND REPAIRS

The TLK 150 radio includes 12 months cover for hardware manufacturing defects as standard, and you have access to software updates and Motorola Solutions technical support for the duration for your WAVE PTX subscription.

For additional peace of mind, we offer optional extended cover to provide hardware repair for three years.

Learn more at www.motorolasolutions.com/WAVEPTX

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

²Geographic availability and network compatibility restricted - contact your Motorola Solutions representative for details.

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

⁴Configuration is carried out by reseller or reseller may give end user permissions to carry our configuration.

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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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