

# TLK 150 BROADBAND MOBILE RADIO

**RAPID, RELIABLE DEPLOYMENT.  
USE NATIONWIDE.**



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

Get your team up and running quickly. Combine the broad coverage of a nationwide 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
- Giboshi Terminal Adapter provided in-box for installation



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)
IP Rating	IP54 IEC60529
Apps Supported	Powered by WAVE
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)

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-20°C / +60°C
Storage Temperature	-40°C / +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

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







# 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	Remote Mount Footswitch Push-to-Talk
RLN4857	Remote Mount Pushbutton Push-to-Talk
PMMN4127	Bluetooth Remote Speaker Mic (WM500)
RLN4836	Emergency Footswitch



## EXTERNAL SPEAKER

Boost audio at your workstation or in your vehicle.

AC000240A01	Wideband External Speaker, 13 W
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## 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

## CABLES AND ACCESSORIES

HKM4137	Mobile Power Cable 10 FT, 14 AWG, 15A
PS000242A01	Power Supply Brick Universal 15V/6A L6 C6P
CB000522A01	Power Supply Cable Adapter
3087791G10	Power Cord, Australia/NZ, 250 VAC 3A
HKM9327	Ignition Sense Cable
GMBN1021	Rear Accessory Connector Seal w/ Pins
HLN9457	16 Pin MAP Connector Kit

## ANTENNAS

AN000359A01	GNSS Dash Mount Antenna
AN000358A01	LTE Antenna

# YOUR PATH TO NATIONWIDE PTT

PLACE YOUR ORDER, GET YOUR RADIO  
AND START TALKING



## PLACING ORDER

Opening an account and placing an order are simple and quick:

- Create account
- Select subscription plan
- Provide billing information



## CONFIGURING ACCOUNT

Configure your account and team settings from any computer or smartphone:

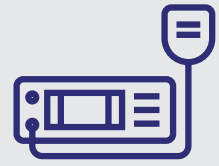
- Add / modify users
- Create / assign talkgroups



## ACTIVATING SERVICE

Activating your TLK 150:

- Install your TLK 150 into a vehicle
- Power on device and PTT



TLK 150

\*Coverage will vary. See user guide for details.

Learn more at [www.motorolasolutions.com/waveptx-commercial](http://www.motorolasolutions.com/waveptx-commercial)

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