

# 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)
SIM CARD	SIM Free*
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)

\*Consult Motorola Solutions sales representative for recommended carrier.

## ENVIRONMENTAL SPECIFICATIONS

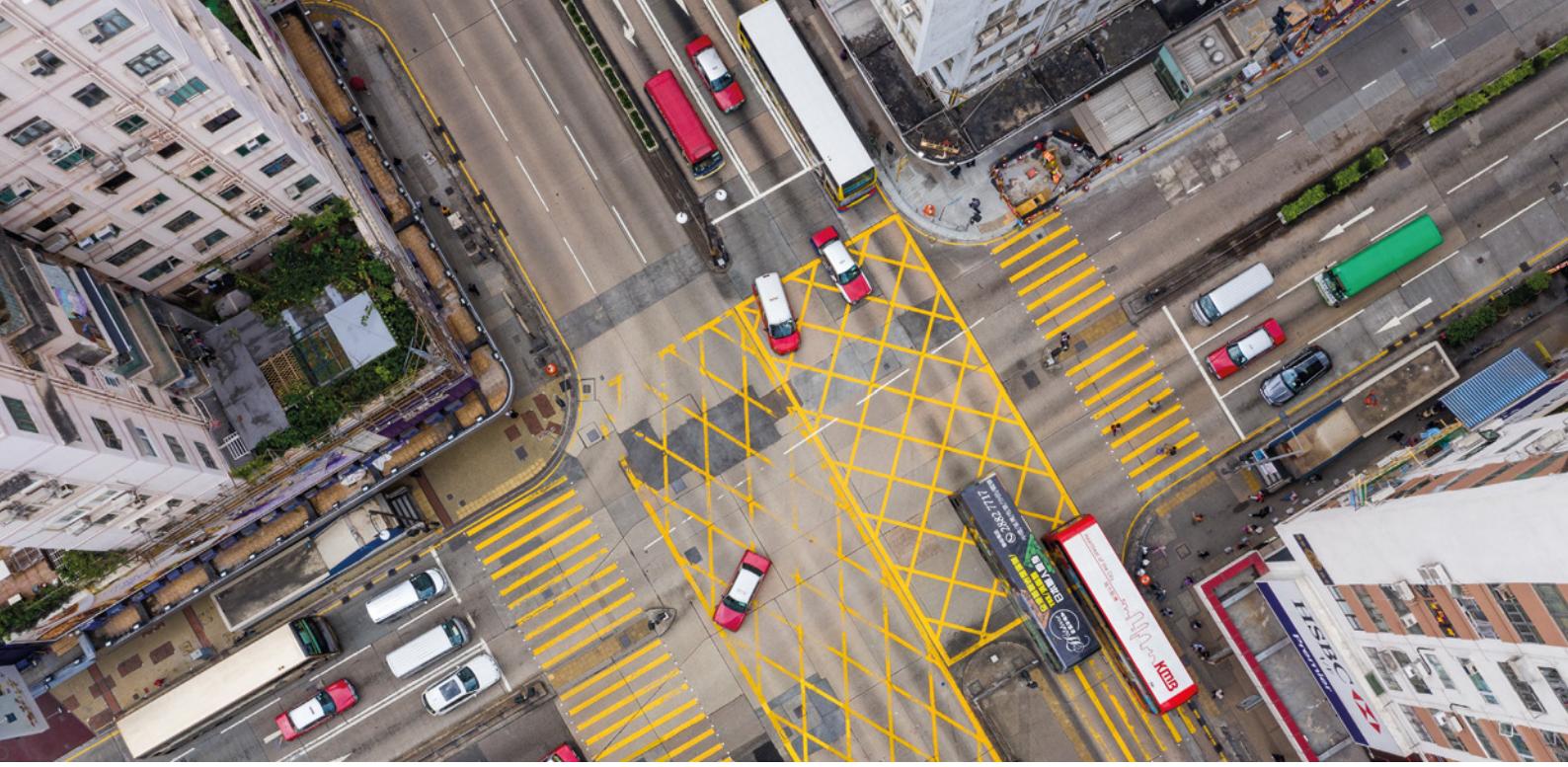
Operating Temperature	-20°C / +60°C
Storage Temperature	-40°C / +85°C
Thermal Shock	Per MIL-STD 810
Humidity	Per MIL-STD 810
ESD	IEC61000 - 4-2 Level 4
Dust and Water Intrusion	IEC60529 - IP54 Cat 2
Packaging Test	Per MIL-STD 810

## 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



### 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

HKN4137	Mobile Power Cable 10 FT, 14 AWG, 15A
PS000242A01 CB000522A01	PS Adaptor and Cable
HKN9327	Ignition Sense Cable
GMBN1021	Rear Accessory Connector Seal w/ Pins
HLN945716	Pin MAP Connector Kit
PMKN4147	Front Telco MMP USB Programming Cable

### ANTENNAS

AN000359A01	GNSS Dash Mount Antenna
AN000358A01	LTE Antenna



AC000240A01

### EXTERNAL SPEAKER

Boost audio at your workstation or in your vehicle.

AC000240A01	Wideband External Speaker, 13 W
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# Your path to nationwide PTT

Place your order, get your radio and start talking



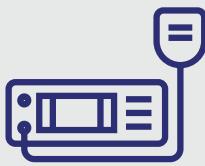
Placing order



Configuring account



Activating service



TLK 150

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

- Create account
- Select subscription plan
- Provide billing information

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

- Add / modify users
- Create / assign talkgroups

Activating your TLK 150:

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

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

## Warranty and repairs

### Essential Services

#### Support when you need it

When the unpredictable happens to your mobile radio, Essential Services provide you access to Motorola's Technical Support teams and resources for troubleshooting and maintenance. One year extended warranty included from the date of end user purchase.

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



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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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