TLK 100
WAVE PTX™ RADIO

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

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[1]	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
Models Available	Pre-installed SIM – data service included in WAVE PTX subscription[2] SIM free – add your own SIM and data service[3]
IP Rating	IP54 IEC60529
Apps Supported	Powered by WAVE PTX
Encryption	AES-256

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 RATINGS[4]		
	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

MOTOROLA SOLUTIONS

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

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)

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
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
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.
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.

[1] Battery life may vary depending on use and conditions.
[2] Coverage limited to EU, EFTA and UK and will vary depending on conditions.
[3] Geographic availability and network compatibility restricted - contact your Motorola Solutions representative for details.
[4] Also meets equivalent MIL-STD-810-C, -D, -E and -F.

Learn more at
www.motorolasolutions.com/WAVEPTX

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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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