WAVE™
TWO-WAY RADIO

RAPID RELIABLE DEPLOYMENT.
NATIONWIDE USE.

GENERAL SPECIFICATIONS

Network	4G LTE
Channel Capacity	8 Channels (expandable to 96)
Contact List	300 contacts
Dimensions (H x W x L)	Without Antenna: 5.17 x 2.31 x 0.87 in (131.3 x 58.6 x 22.15 mm) With Antenna: 6.65 x 2.31 x 0.87 in (168.9 x 58.6 x 22.15 mm)
Weight with Battery	5.86 oz (166g)
Battery Capacity	3.7V (Nominal) 2300 mAh with PMNN4468A
Battery (Li-Ion (2300 mAh) Battery) Operating Hours 5:5:90 Duty Cycle*	18 Hours
Voice Codec	OPUS
Bluetooth	Bluetooth Capable**, V4.1, BLE
GPS	GPS/AGPS
Wi-Fi	802.11 a/b/g/n 2.4/5.0 GHz
SIM CARD	Embedded MFF2 UICC
IP Rating	IP54 IEC60529
Apps Supported	Powered by WAVE OnCloud
Encryption	AES-256

*Battery life may vary depending on use and conditions.
**Future Bluetooth accessory compatibility to be enabled with over-the-air software update.

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature*	-4ºF/+140ºF / 14ºF/+140ºF with battery
Storage Temperature	-40°F / +185°F
Thermal Shock	Per MIL-STD
Humidity	Per MIL-STD
ESD	IEC 61000-4-2 Level 4
Dust and Water Intrusion	IEC60529 - IP54 Cat 2
Packaging Test	Per MIL-STD

*Radio only. Operating temperature specification for a Li-Ion battery is -4ºF/+140ºF.

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.

SPECIFICATIONS SHEET | WAVE™ TWO-WAY RADIO TLK 100

2TEST

MOTOROLA *SOLUTIONS*

WAVE™ TWO-WAY RADIO 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

PMNN4468   PMLN7101   PMLN7109

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.

PMNN4468	Li-Ion 2300 mAh Battery
HKLN4678	Battery Cover
PS000150A11	Micro USB Wall Charger, 5W 100V-240V (US Plug)
PMLN7101	Six-Pocket Multi-Unit Rapid Rate Charger, 90V-264V (US plug)
PMLN7109	Single-Unit Rapid Rate Charger 5V/1A, 5W, 100V-240V (US plug)
CB000262A01	Micro USB Programming Cable

ADDITIONAL ACCESSORIES

Compatible Accessories not sold by Motorola Solutions.

AT6749A	Hands Free (Complete Car Kit)
AT6750A	Hands Free with Lock (Complete Car Kit)
AT3069A	Advance Communicator
AT6088A	12 Bay Battery Charger
AT6751A	Mobile Radio Charger Kit

PMLN7157   PMLN7159
PMLN7156   PMLN7158

AUDIO ACCESSORIES

WAVE two-way radio audio accessories are designed for lasting comfort and improved device performance. In-line microphones and prominent push-to-talk features provide easy hands-free communication.

PMLN7189	Swivel Earpiece with In-Line Microphone and Push-To-Talk
PMLN7156	Mag One Earbud with In-Line Microphone and Push-To-Talk
PMLN7157	2-Wire Surveillance Kit with Translucent Tube, Black
PMLN7158	1-Wire Surveillance Kit with In-Line Microphone and Push-To-Talk, Black
PMLN7159	Adjustable D-Style Earpiece with In-Line Microphone and Push-To-Talk, Black
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 two-way radio with a high efficiency stubby antenna. Colored antenna ID bands are available for easy customization.

HKAN4002	Stubby Antenna - US
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)