

TLK 110

A device designed for you
and built to last

The TLK 110 combines the flexibility of push-to-talk communication via broadband with the reliability of a rugged, purpose-built radio. With its effortless device management capabilities, the TLK 110 can be optimized for seamless operations, leaving your business safer, smarter and better connected.



Communication without Limits

- Nation wide Push To Talk via broadband
- 4G Network Speed
- Wi-Fi calling over 2.4 + 5 GHz networks
- Intelligent VOX PTT
- Ergonomically designed
- AI-Based noise suppression
- Wideband speaker



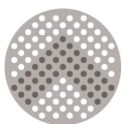
Designed for you, built to last

- Emergency calling
- Dedicated emergency button
- Man down/fall alert
- Lone worker
- 18-hour battery life
- Ergonomically designed
- 2-Line monochrome display
- IP67 rating
- Antimicrobial housing



Devices managed with ease

- Centralised device provisioning
- Remote software updates
- Remote talkgroup setup
- GPS/GNSS location tracking
- Location-based talkgroups
- Interoperable with smartphones/ tablets via WAVE PTX™
- WAVE PTX dispatch compatible



ARYA OMNITALK
WALKY TALKY | GPS TRACKING | TOLL & HTMS



MOTOROLA SOLUTIONS

GENERAL SPECIFICATIONS

Network	3G B1, B2, B4, B5, B8 4G FDD-B2, B4, B5, B7, B12, B13, B17, B25, B26, B66, TD-B41
Channel capacity	96 channels
Contact list	1000 contacts
Dimensions	Without antenna: Height: 5.3" (134mm) Width: 2.3" (58mm) Depth: 1.0" (24mm) With antenna: Height: 6.7" (171mm) Width: 2.3" (58mm) Depth: 1.0" (24mm)
Weight with battery	6.95 oz (197g)
Battery capacity	3.7V (Nominal) 2500 mAh with PMNN4578
Battery (2500mAh Li-Ion battery) Operating hours 5:5:90 Duty cycle ¹	18 hours
IP rating	IP67
Ports	USB Type-C (use for charging) 2.5mm audio jack with mechanical lock (use for audio accessories)
Sensor	Accelerometer
SIM	1x 3FF-Micro SIM
Apps	Powered by WAVE PTX
Encryption	AES 256
Models available	Pre-installed SIM included in WAVE PTX subscription ²

AUDIO SPECIFICATIONS

Digital vocoder type	AMR-WB, OPUS
Audio Response (3GPP TS 26.131)	5.4.6
Audio Output Power (Rated/Max)	1W/2.5W
Audio Distortion at Rated Audio	<5%
Maximum Speech Loudness by Default (ISO532B)	96 phon

WI-FI SPECIFICATIONS

Frequency range	2.4 GHz, 5GHz
Standards supported	802.11 a, b, g, n, ac
Security protocol supported	WPA2 (personal and enterprise), WPA3 (personal)
Maximum number of SSIDs	5

BLUETOOTH + GNSS SPECIFICATIONS

Version	v4.2 (BR/EDR+BLE)
Range	10m
Supported profiles	BLE, SPP, HSP
Simultaneous connections	1 per profile
Constellation support	GPS, GLONASS, galileo, beidou, A-GNSS
Time to first fix, cold start	60s
Time to first fix, hot start	10s
Horizontal accuracy	5m

ENVIRONMENTAL SPECIFICATIONS

Operating temperature	-20°C to 60°C (radio) / -10°C to 60°C (with battery)
Storage temperature	-40°C to 85°C
Thermal shock	Per MIL-STD 810
Humidity	Per MIL-STD 810
Electrostatic discharge	Per MIL-STD 810
Dust and water intrusion	IP67
Packaging test	Per MIL-STD 810

¹ Battery life may vary depending on use and conditions.

² Coverage limited to NA and CA separately, will vary depending on conditions.

MILITARY STANDARD (MIL-STD 810)

	MIL-STD810C		MIL-STD810D		MIL-STD 810E		MIL-STD 810F		MIL-STD 810G		MIL-STD 810H	
	Method		Method		Method		Method		Method		Method	
Low Pressure	500.1	I	500.2	II	500.3	II	500.4	II	500.6	II	500.6	II
High Temp	501.1	I, II	501.2	I/A1, II/A1	501.3	I/A1, II/A1	501.4	I/Hot, II/Hot	501.6	I/A1, II/A1	501.7	I/A1, II/A1
Low Temp	502.1	I	502.2	I, II	502.3	I, II	502.4	I, II	502.6	I, II	502.7	I, II
Temp Shock	503.1	I	503.2	A1/C3	503.3	A1/C3	503.4	I I/A1	503.6	I-C	503.7	I-C
Solar Radiation	505.1	II	505.2	I/A1	505.3	I/A1	5 05.4	I, III	505.6	I/A1	505.7	I/A1
Rain	506.1	I, II	506.2	I, II	506.3	I, II	506.4	-	506.6	I, III	506.6	I, III
Humidity	507.1	II	507.2	II	507.3	II	507.4	-	507.6	II/ Aggravated	507.6	II/ Aggravated
Salt Fog	509.1	I	509.2	I	509.3	I	509.4	I, II	509.6	-	509.7	-
Blowing Dust & Sand	510.1	I/-	510.2	I, II	510.3	I, II	510.4	I/Cat24, II/Cat5	510.6	I, II	510.7	I, II
Vibration	514.2	VIII/CatF,XI	514.3	I/Cat10, II/Cat3	514.4	I/Cat10, III/Cat3	514.5	I, IV	514.7	I/Cat24, II/Cat5	514.8	I/Cat24, II/Cat5
Shock	516.2	I, II	516.3	I, IV	516.4	I, IV	516.5	-	516.7	I, IV	516.8	I, IV
Contamination by Fluids	-	-	-	-	-	-	-	-	504.2	II	504.3	2.2.6 b