TLK 25 Devices

Wearable Communications Devices

Let's TLK

Keep your team connected with TLK 25, a wearable WAVE PTX device that expands beyond push-to-talk capabilities. Compact, rugged and equipped with an intuitive voice assistant, TLK 25 devices make communication easy and reinforce safety, even at an extended range.

TLK 25	TLK 25 WI-FI
CONNECTIVITY	
TLK 25 offers Wi-Fi connectivity and also uses nationwide LTE when Wi-Fi is not available.	TLK 25 Wi-Fi uses your wireless Internet connection to get your communications online.
SMALL, SLEEK AND SMART	
The lightweight, wearable design is shaped for safety, offering durability and discreetness.	
INTUITIVE VOICE ASSISTANCE	
Voice commands allow hands-free access to communications, device settings, safety features, statuses, notifications and alerts.	
PACKAGED ECOSYSTEM	
Part of the WAVE PTX ecosystem, TLK 25 devices offer dedicated emergency features.	

Wi-Fi only device specifications

GENERAL SPECIFICATIONS

Network	2.4, 5 GHz Wi-Fi
Channel Capacity	96 Channels
Contact List	300 Contacts
Dimensions	3.2 x 1.9 x 0.7 in (82 x 48 x 18.7mm)
Weight (with Embedded Battery)	2.6 oz (73g)
Battery Capacity	1260mAh
Battery (Type Battery) Operating Hours 5:5:90 Duty Cycle	16 hours
IP Rating	IP67
Ports	USB Type-C (use for charging) 3.5mm audio jack
Sensor	Accelerometer
Apps	Powered by WAVE PTX
Encryption	AES 256

AUDIO SPECIFICATIONS

Digital Vocoder Type	OPUS
Audio Response	+1, -3
Audio Distortion at Rated Audio	<1%
Maximum Speech Loudness by Default[1]	115 dB SPL

WIFI SPECIFICATIONS

Frequency Range	2.4 GHz, 5 GHz
Standards Supported	802.11 a, b, g, n, ac
Security Protocol Supported	WPA2 (personal and enterprise), WPA3 (personal)
Maximum Number of SSIDs	5

BLUETOOTH

Version	5.0 LE
Range	10m
Supported Profiles	HSP, SPP, GATT
Simultaneous Audio Connection	1

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
Humidity	Per MIL-STD
Electrostatic Discharge	Per MIL-STD
Dust and Water Intrusion	IP67
Packaging Test	Per MIL-STD

LTE + Wi-Fi device specifications

GENERAL SPECIFICATIONS

Network	LTE, FDD: B2, B4, B5, B13, B66 2.4, 5 GHz Wi-Fi
Channel Capacity	96 Channels
Contact List	300 Contacts
Dimensions	3.2 x 1.9 x 0.7 in (82 x 48 x 18.7mm)
Weight (with Embedded Battery)	2.7 oz (77 g)
Battery Capacity	1260mAh
Battery (Type Battery) Operating Hours 5:5:90 Duty Cycle	12 hours
IP Rating	IP67
Ports	USB Type-C (use for charging) 3.5mm audio jack
Sensor	Accelerometer
SIM	1x 4FF Nano SIM
Apps	Powered by WAVE PTX
Encryption	AES 256

GNSS SPECIFICATIONS

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

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WIFI SPECIFICATIONS

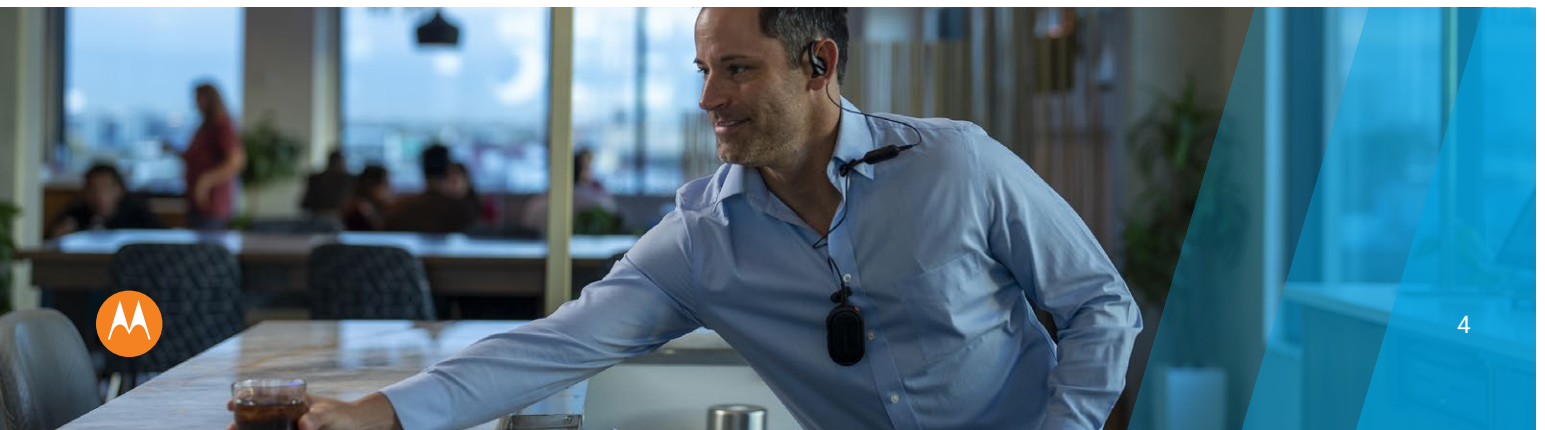|	
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[1] Loudness performance based on TLK 25 paired with PMLN8536

MILITARY STANDARDS (MIL-STD-810)											
	MIL-STD810C		MIL-STD810D		MIL-STD 810E		MIL-STD 810F		MIL-STD 810G		MIL-STD 810H	
	Method	Procedure	Method	Procedure	Method	Procedure	Method	Procedure	Method	Procedure	Method	Procedure
Low Pressure	500.1	I	500.2	II	500.3	II	500.4	II	500.6	II	500.6	II
High Temperature	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 Temperature	502.1	I	502.2	I, II	502.3	I, II	502.4	I, II	502.6	I, II	502.7	I, II
Temperature Shock	503.1	I	503.2	A1/C3	503.3	A1/C3	503.4	I	503.6	I-C	503.7	I-C
Solar Radiation	505.1	II	505.2	I/A1	505.3	I/A1	505.4	I/A1	505.6	I/A1	505.7	I/A1
Rain	506.1	I, II	506.2	I, II	506.3	I, II	506.4	I, III	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	-	509.6	-	509.7	-
Blowing Dust & Sand	510.1	I/-	510.2	I, II	510.3	I, II	510.4	I, II	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/Cat24, II/Cat5	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	I, IV	516.7	I, IV	516.8	I, IV
Contamination by Fluids									504.2	II	504.3	2.2.6b

Wear your TLK 25 the way you want

Badge clip: PMLN8538

High quality audio and operational experiences: TLK 25 earpiece

PMLN8536

Featuring PTT and voice assistant buttons, TLK 25's included compatible earpiece allows users to leave their device in their pocket while still performing key device functions. TLK 25 is also Bluetooth 5.0 LE compatible, giving users the ability to use Bluetooth earpieces or headphones while providing better range and connectivity, clearer listening and power efficiency.

Holster: PMLN8537
USB-C charging cable: PMKN4294
Magnetic multi-unit charger (MUC): PMPN4660
Wall mount bracket for MUC: BR000638A01

To learn more, visit: www.motorolasolutions.com/tlk25

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