

# WEARABLE COMMUNICATIONS DEVICE



TLK 25  
Wi-Fi

## LET'S TLK

Communicate and operate confidently with the TLK 25 Wi-Fi, a wearable WAVE PTX device that expands your capabilities beyond push-to-talk and doesn't limit your range. Compact, powerful, rugged and equipped with an intuitive voice assistant for seamless communications, the TLK 25 Wi-Fi is designed for ease of use, efficiency and safety. Access a communications, management and safety ecosystem in a small, intelligent device connected to your Wi-Fi network.

# LET'S TLK

## SMALL SLEEK SMART

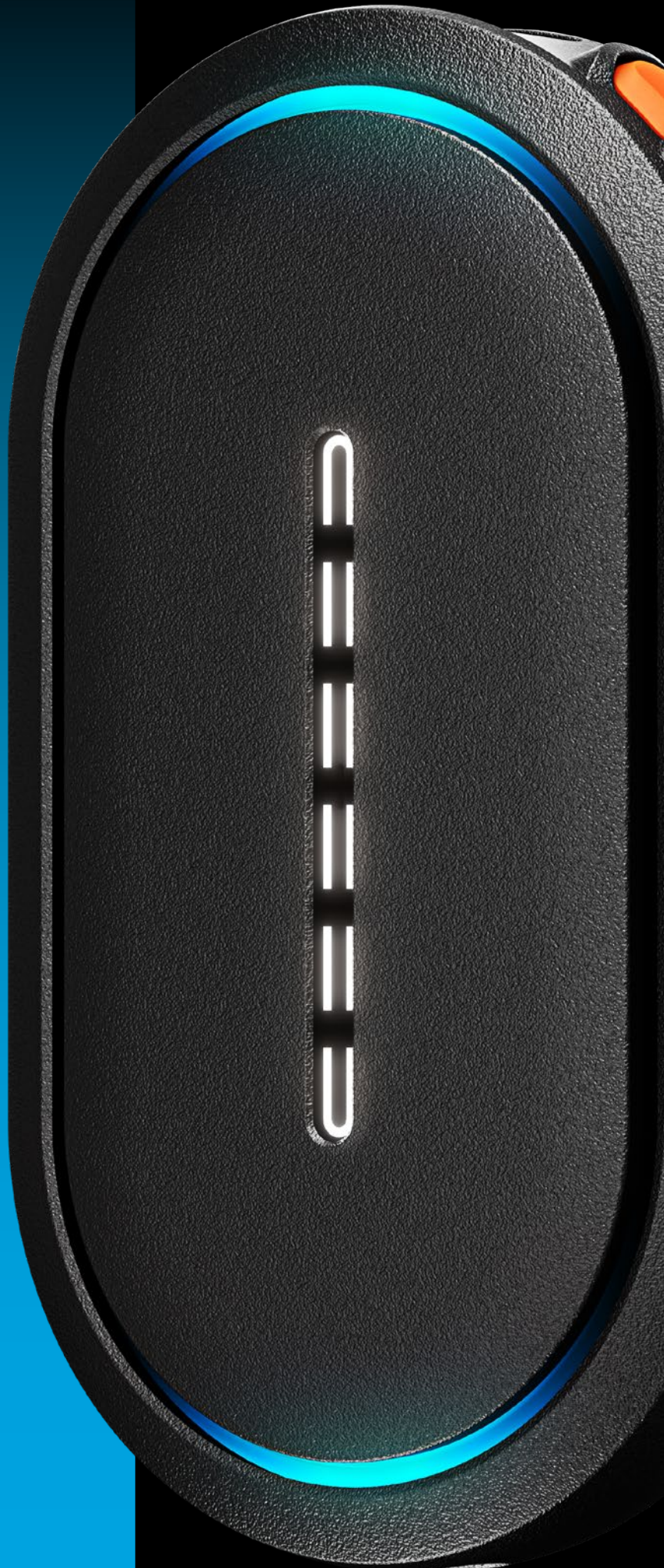
- Lightweight, wearable design
- Durable meets discreet
- Shaped for safety

## INTUITIVE VOICE ASSISTANCE

- Communications
- Device settings
- Safety features
- Statuses
- Notifications and alerts

## PACKAGED ECOSYSTEM

- Wi-Fi based and flexible
- Dedicated emergency features
- WAVE PTX ecosystem
- TLK Configuration App



# 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.<br>82 x 48 x 18.7mm           |
| Weight (with Embedded Battery)                                  | 2.6 oz<br>73g                                     |
| Battery Capacity  | 1260mAh   |
| Battery (Type Battery)<br>Operating Hours<br>5:5:90 Duty Cycle* | 12 hours  |
| IP Rating   | IP67  |
| Ports   | USB Type-C (use for charging)<br>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<br>by Default* | 115 dB SPL |

\*Loudness performance based on TLK 25 paired with PMLN8536A

## 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)<br>-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   |

## 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 <sup>3</sup> |             |               |             |                  |              |                   |              |                  | 504.2        | II               | 504.3        | 2.2.6b           |





# WEAR YOUR TLK 25 THE WAY YOU WANT

**BADGE CLIP: PMLN8538**



**EARPIECE: PMLN8536**

## High quality audio and operational experiences: TLK 25 Earpiece

Featuring PTT and voice assistant buttons, the TLK 25 included compatible earpiece allows users to leave their device in their pocket while still performing key device functions. The 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**



Micro-Link d.o.o.  
Jarušćica 9a, 10000 Zagreb, Croatia  
[www.microlink.hr](http://www.microlink.hr)

For more information, [microlink@microlink.hr](mailto:microlink@microlink.hr)

Motorola Solutions, Inc. 500 West Monroe Street, Chicago, IL 60661 U.S.A. [motorolasolutions.com](http://motorolasolutions.com)

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