



Configuration:

LK-1-A0 ListenTALK Transceiver (North America)

LK-1-E0 ListenTALK Transceiver (Europe EU28)

LK-1-Z0 ListenTALK Transceiver (Australia)

Product Overview:

Designed to be the new standard for two-way mobile communications, the ListenTALK Transceiver is the smartest system available. The all-in-one device, equipped with Listen Technologies' exclusive encryption technology and push-to-talk functionality, provides the simplest option for communication and collaboration among two or more people in any environment. In addition to the included Listen Ear Speaker, ListenTALK can be used with standard smartphone earbuds or a Listen Technologies headset.

[Visit ListenTALK.com to learn more!](http://ListenTALK.com)

Highlights:

- Fast and simple two-way communication
- Push-to-talk functionality
- Exclusive encryption technology for added security
- Compatible with standard earbuds and Listen Technologies headsets
- Long-lasting lithium ion rechargeable batteries
- Optional Alkaline Battery Compartment

Includes: One (1) LK-1 ListenTALK Transceiver w/Leader Clip
 One (1) LA-365 Rechargeable Li-ion Battery
 One (1) LA-401 Universal Ear Speaker
 One (1) LPT-A207 Breakaway Lanyard

| Product Specification: ListenTALK Transceiver | |
|---|---|
| Physical | |
| Dimensions (H x W x D) with Belt Clip | 10 x 5.4 x 2.4 cm (3.93 x 2.13 W x 0.93 in.) |
| Unit Dimensions (H x W x D) | 10 x 5.4 x 1.6 cm (3.93 x 2.13 W x 0.63 in.) |
| Unit Weight | 79 g (2.79 oz.) |
| Shipping Weight | 206 g (7.20 oz) with 454 g (1.0 lbs.) minimum |
| Enclosure material | PC ABS Plastic |
| Color | Black, Chrome Buttons |
| Indicators | Display- 64 x 128 OLED, Variable brightness |
| | LED- RED/White multifunction (Mute, Charge Status) |
| User Controls | Volume up, Volume Down, Talk, Power/Status, Talk Modes, Pairing |
| Programming | Via software and USB port on unit or via software and USB port on Docking Station |

| Product Specification: ListenTALK Transceiver | |
|---|---|
| Connections | Headset- 3.5mm TRRS, CTIA complaint |
| | USB- Micro USB, Control and Charging |
| | Charger- 4 Contact, Control and Charging |
| Audio | |
| Headphone Output | Speaker Load- 16 - 32 ohm load |
| | Max Output Power- 67 mW, 16 ohm load, Threshold of Clipping |
| | Side Tone- Adjustable |
| Microphone Input | Compatibility- Electret, external bias |
| | Bias- 3 volt, 2 mA Current Maximum |
| | Sensitivity Requirement -28 to - 50 dBV/Pa |
| Internal Microphone | Switching- Auto detect on jack insertion or Manual |
| | Maximum Input Level- 109 DBSPL |
| | Gain- Adjustable, 30 dB range |
| System | Frequency Response- 40 Hz to 15 kHz +/- 3dB, 22kHz low pass filter |
| | SNR- 70 dB, A- weighted, Threshold of Clipping |
| | THD- 0.5% @ 1kHz, 22kHz low pass enabled |
| Radio | |
| Operating Frequency | North America- 1920 to 1930 MHz |
| | Europe- 1880 to 1900 MHz |
| Average Power | North America- 4 mW |
| | Europe- 10 mW |
| Typical Range | North America- Indoor 100 m, Outdoor 200 m, depending upon conditions |
| | Europe- Indoor 150 m, Outdoor 300 m, depending upon conditions |
| Modulation | GFSK - FHSS |
| | TDD/TDMA/DCA |
| Security | Subscription- 40 bit (Pin Free) |
| | Authentication- 32 bit |
| | Encryption- 64 bit |
| Power and Battery Management | |
| Battery Type | Lithium - ion, rechargeable non-proprietary removable, 1200 mAh |
| | Optional- 3 AAA Battery Compartment |
| Typical Operating Time | Li-Ion- Participant- 12 Hours |
| | AAA - Participant Mode - 9 Hours |
| | LI-ion - Leader Mode - 8 hours |
| | AAA - Leader Mode - 6 hours |
| Typical Charge time | 2.5 - 3 Hours |
| Power Save Modes | Power down on loss of signal |
| | |

| Product Specification: ListenTALK Transceiver | |
|---|--|
| | Power down on disconnection of headset (1 min) |
| | Power down on charging |
| Environmental | |
| Temperature | Operation- -10 °C (14 °F) to 40 °C (+104 °F) |
| | Storage- -20 °C (-4 °F) to 50 °C (+122 °F) |
| Relative Humidity | 0 to 95% relative humidity, non-condensing |
| Compliance | |
| Standards | Pending (FCC part 15, ICS-03, CE, RCM, RoHS, WEEE) |
| | |
| | * Specifications subject to change without notice. |