LISTEN
TECHNOLOGIES

Configuration:

LK-1-A0 ListenTALK Transceiver (North America)
LK-1-E0 ListenTALK Transceiver (Europe EU28, 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!

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) LA-445-BK 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

Product Specification: ListenTALK Transceiver	
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
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	1920 to 1930 MHz - North America
	1880 to 1900 MHz - Europe, Australia
Average Power	4 mW - North America
	10 mW - Europe, Australia
Typical Range	Indoor 100 m, Outdoor 200 m, depending upon conditions - North America
	Indoor 150 m, Outdoor 300 m, depending upon conditions - Europe, Australia
Modulation	GFSK - FHSS
	TDD/TDMA/DCA
Security	Subscription- 40 bit (Pin Free)
	Authentication- 32 bit
	Encryption- 64 bit
NFC Frequency (Near Field Communications)	13.56 MHz
Power and Battery Management	
Battery Type	Lithium – ion, rechargeable non-proprietary removable, 1200 mAh
	Optional- 3 AAA Battery Compartment

Product Specification: ListenTALK Transceiver	
Typical Operating Time	Li-ion- Participant- 12 Hours
	AAA – Participant Mode – 7 Hours
	Li-ion – Leader Mode – 7 hours
	AAA – Leader Mode – 4 hours
Typical Charge time	4 Hours
Power Save Modes	Power down on loss of signal
	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	FCC part 15, ICS-03, CE, RCM, RoHS, WEEE
	* Specifications subject to change without notice.