



Configuration:

LK-1-A0 ListenTALK Transceiver (North America) LK-1-E0 ListenTALK Transceiver (Europe EU28, Australia) LK-1-J0 ListenTALK Transceiver (Japan)

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.

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		
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	
Connections	Headset- 3.5mm TRRS, CTIA complaint	



	Product Specification: ListenTALK Transceiver
	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
	1895 to 1905 MHz - Japan
Average Power	4 mW - North America
	10 mW - Europe, Australia
	5 mW - Japan
Typical Range	Indoor 100 m, Outdoor 200 m, depending upon conditions - North America, Japan
	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
Typical Operating Time	Li-ion- Participant- 12 Hours
	AAA - Participant Mode - 7 Hours
	Li-ion – Leader Mode – 7 hours



Product Specification: ListenTALK Transceiver		
	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	Operation10 °C (14 °F) to 40 °C (+104 °F)	
	Storage20 °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, MIC, RoHS, WEEE	
	* Specifications subject to change without notice.	