



# ListenTALK

REIMAGINE WIRELESS LISTENING

Advanced Group Communication System

**LISTEN**  
TECHNOLOGIES



# WHY LISTENTALK?



## **SIMPLE. MOBILE. WIRELESS. GROUP COMMUNICATION**

ListenTALK is a powerful wireless group communication tool created for challenging noise environments. Designed for personal and assistive listening, ListenTALK's clear, crisp audio and sleek design has made its way to become the leader in group communication settings. No wires, no complicated setup, and no worries.

Just simple, mobile, wireless group communication.



# REIMAGINE WIRELESS LISTENING

## ListenTALK from Listen Technologies

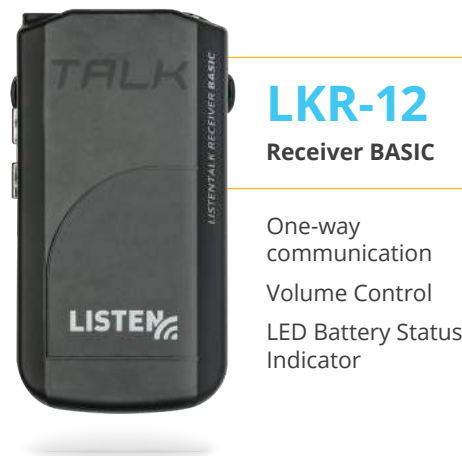
ListenTALK is the most advanced mobile communication product on the market. With the ListenTALK transceiver, leaders can clearly speak to group participants and allow them to respond with the push of a button.

Presenters, leaders, and guides need to communicate clearly without having to shout or whisper. Listening, fielding questions, and collaboration can be difficult in many environments. ListenTALK is designed to overcome these challenges and enrich group communication.



Everything you need to communicate clearly. And effectively.

ListenTALK is a complete communication system suitable for a variety of applications.

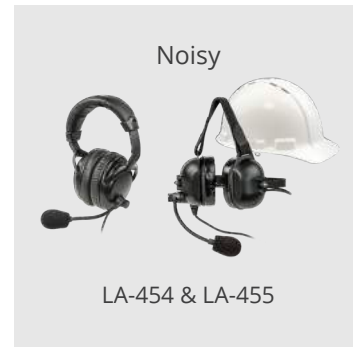


# ACCESSORIES

## ListenTALK was designed with flexibility in mind.

Accessories compliment every application by adding functionality and features to customize based on the needs of the environment.

### Headsets available for any environment



## Accessories



### LA-444 Protective Case

Protect unit from dings, drops, and wear (note, does not cover the screen)



### LA-449 Smartphone Cable

Connect ListenTALK to a smartphone to call an "expert"



### LA-437 Line/Headset Mix Cable

Add a secondary audio source such as prerecorded music or messages from an MP3 player or similar



### LA-436 Microphone Input/Headphone Output Cable

Split the transmit and receive function to connect to an external audio source



### LA-435 AAA Battery Compartment

Use in place of rechargeable Li-ion battery

# SYSTEM CONFIGURATION

When combined with the right accessories, ListenTALK allows for communication that best suits the needs of each unique environment.

ListenTALK systems can be configured for one-way or two-way communication, small or large space, quiet or noisy.

## 1 Do You Need One-Way or Two-Way Communication?

The LK-1 Transceiver is the foundation of a ListenTALK system.

Start with one LK-1 and add additional Transceivers or Receivers as needed.

<b>LK-1</b>	ListenTALK Transceiver, single unit that can transmit and receive audio, configured for 3 participant modes, includes software suite
<b>LKR-11</b>	ListenTALK Receiver PRO, receive only with similar functionality as the LK-1 including soft buttons for menu control, NFC pairing, and custom group naming via the software suite
<b>LKR-12</b>	ListenTALK Receiver BASIC, receive only with basic functionality only including audio control and LED light for battery status

All units come standard with a rechargeable Li-ion battery, breakaway lanyard, and LA-401 Ear Speaker.

## 2 Choose Optional Headsets

Quiet	LA-451	Ear Speaker with Boom Mic
Moderate	LA-452	Over the Head, Single Ear with Noise Cancelling Boom Mic
	LA-453	Over the Head, Dual Ear with Noise Cancelling Boom Mic
Noisy	LA-454	Over the Head, Dual Ear with Noise Cancelling Boom Mic, Production Intercom Style
	LA-455	Over the Head, Dual Ear with Noise Cancelling Boom Mic, Hardhat Style

Note: Participants can use their own smartphone earbuds.

## 3 Choose your charging option and other accessories

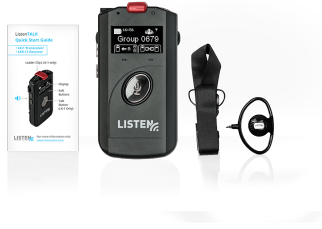
<b>LA- 444</b>	Protective case (note, does not cover the screen)
<b>LA-446</b>	Cable management sleeve (for use with lanyard)
<b>LA-448</b>	Metal D-rings (ring only) (50 CT) works with a custom lanyard
<b>LA-449</b>	Smartphone cable
<b>LA-436</b>	Microphone input/headphone output cable
<b>LA-437</b>	Line/headset mix cable
<b>LA-435</b>	AAA battery compartment
<b>LA-423</b>	4-port USB charger
<b>LA-482</b>	Docking Station 4 for pairing, programming, charging, and storing
<b>LA-480</b>	Docking station 16 for pairing, programming, charging and storing
<b>LA-481</b>	Docking Station Case 16 Portable case that includes a built-in Docking Station 16



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#### 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	
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
Connections	Headset- 3.5mm TRRS, CTIA compliant

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	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, MIC, RoHS, WEEE
	* Specifications subject to change without notice.