

Listen**IR**

ENTERTAIN.
EDUCATE.
ENGAGE.



THE LISTENIR SOLUTION

Delivering secure audio so everyone can connect and engage.



For an estimated 466 million people worldwide with hearing loss, traditional sound systems are not enough. ListenIR transmits sound over infrared directly to the listener without amplifying ambient noise for unsurpassed intelligibility and a superior listening experience.

Crystal Clear Audio

Crystal clear audio is delivered to receivers without amplifying ambient noise.



Twice the IR Power

Delivers twice the infrared power with built-in delay compensation.



Secure Audio

Secure audio with advanced infrared technology.



Neck Loop Lanyard

Connects to the receiver to transmit audio directly to telecoil equipped hearing aids or cochlear implants.



Superior Receivers

Receivers are encased in infrared transparent material for the best reception in the market.



Free Software

Enables device customization and streamlines check-out/check-in process.



HOW LISTENIR WORKS



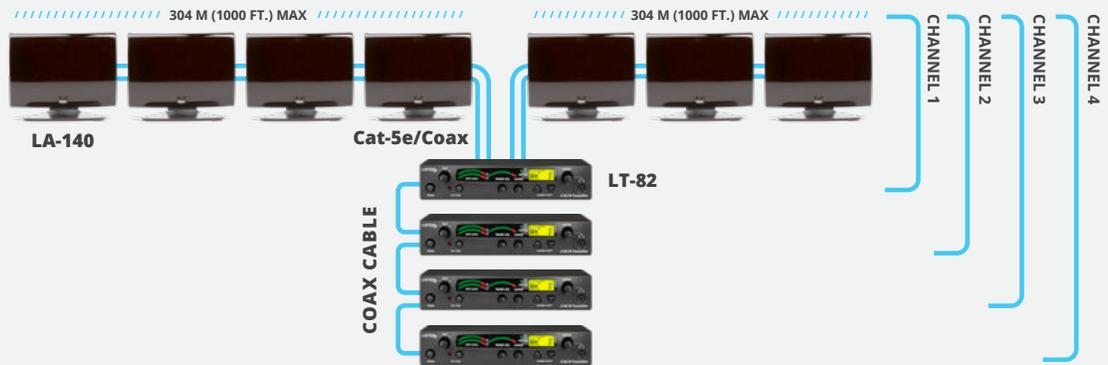
1 Audio Source
Speaker/presenter with a mic connected to a transmitter

2 Transmitter & Radiator/Emitter
Receives the incoming audio signal and transmits the signal via infrared to receivers

3 Audio Received
Users listen through headphones/earbuds connected to a receiver or through a neck loop

SYSTEM SETUPS

LT-82 System Diagram



LT-84 System Diagram



*US Pat 9,712,246

LISTENIR RECEIVERS

ListenIR receivers are small and lightweight and can be used with ear speakers, earbuds, or neck loops. ListenIR receivers are constructed with low loss, impact resistant, infrared transparent material which allows the receiver to pick up infrared light from all directions for the best reception.



LR-4200 IR



LR-5200 IR

Ultra-sensitive receiver	✓	✓
Coverage with LT-82 and (1) LA-140 Radiator	3,716 m ² (40,000 ft. ²)	3,716 m ² (40,000 ft. ²)
Coverage with LT-84	2,787 m ² (30,000 ft. ²)	2,787 m ² (30,000 ft. ²)
IR Transparent Case	✓	✓
Compatible with Listen and competitors' IR system	✓	✓
Integrated neck loop/lanyard for connection to t-coil	✓	✓
Multi-channel Listening	1 Channel	4 Channel
Free inventory management software	✓	✓
Custom set-up and cloning via software	✓	✓
Battery type	Li-ion	Li-ion
Customizable display	✓	✓
USB charging ports	✓	✓



LA-430 Intelligent Ear Phone/Neck Loop Lanyard

Integrated neck loop provides a simple and affordable way to meet compliance requirements.



CUSTOMIZE THE EXPERIENCE WITH LISTENIR IDSP SOFTWARE

The Listen iDSP software suite is Microsoft Windows based and makes it easy to:

- Configure receivers
- Run diagnostics
- Manage inventory
- Customize channel names
- Update firmware
- Manage check-in and check-out of receivers



Simple to install, manage, and maintain



Right-sized receivers are sleek and discreet



Neck loop/lanyard for use with cochlear implants and hearing aids



Non-proprietary lithium-ion rechargeable batteries

LISTENIR TRANSMITTERS & EMITTERS



**LT-82 Stationary
IR Transmitter**



**LA-140 Stationary
Radiator**

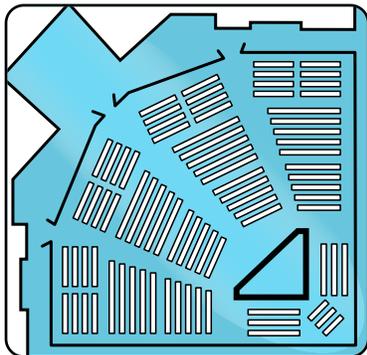


**LT-84 Transmitter Radiator & LA-141
Expansion Radiator with mounting kit**

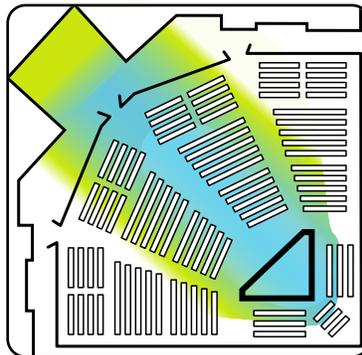
LT-82 and LA-140		LT-84 and LA-141
✓	Secure transmission	✓
3,716 m ² (40,000 ft. ²)	Max coverage per radiator	2,787 m ² (30,000 ft. ²)
✗	Transmitter/Radiator built into one unit	✓
4 (requires four LT-82's)	Maximum number of channels	4 (requires two LT-84's)
✓	Perfect for assistive listening, language interpretation, and audio description	✓
✓	Compatible with competitors' IR receivers	✓
✓	Built-in delay compensation	✓
✓	Radiator mounting kit Included	✓
Coax/Cat-5e	Radiator cable type(s)	Cat-5e
✓	Rack mountable	✗
✓	Remote power capable	✓

LISTENIR COVERAGE AREA BEATS THE COMPETITION

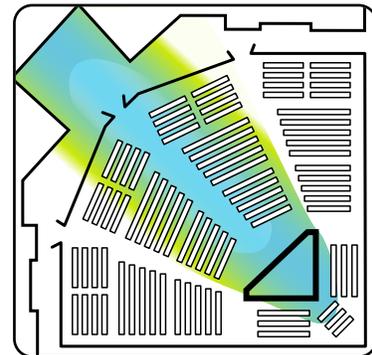
LISTENIR FULL COVERAGE



COMPETITOR COVERAGE



COMPETITOR COVERAGE



LISTENIR ACCESSORIES

AVAILABLE ACCESSORIES

	Description	Best Used With
 LA-381/LA-382	The Intelligent 12-Unit Charging Tray and Intelligent Cable Management Unit streamline charging, dispensing, and collecting up to 12 iDSP IR Receivers	LR-4200-IR and LR-5200-IR
 LA-423	A four-port charger to charge up to four iDSP IR Receivers simultaneously	LR-4200-IR and LR-5200-IR
 LA-421	A compact one port USB charger to charge a single iDSP IR Receiver for personal use or for smaller venues	LR-4200-IR and LR-5200-IR
 LA-380	A charging/carrying case in one for easy storage, dispensing, and collecting of up to 12 iDSP IR Receivers	LR-4200-IR and LR-5200-IR
 LPT-A117	Remote Power Supply Kit provides a solution for powering an IR unit remotely	LT-84 and LA-141 (see Listen Tech Note on Remote Powering on our website)
 LA-347-GY/LA-347-WH	The Wall Box Mounting Plate (available in gray or white) fits a standard electrical wall box to provide a sturdy mouth for the LT-84, LA-141, or LA-140	LT-84 & LA-141 or LA-140
 LA-430	The Intelligent Neck Loop/lanyard incorporates an advanced DSP loop driver for an improved listening experience for those with cochlear implants and hearing aids with telecoils.	LR-4200-IR and LR-5200-IR
 LA-401	The Universal Ear Speaker is designed to easily fit over one ear for comfort and provides great sound quality.	Any ListenIR Receiver
 LA-402	The Universal Stereo Headphones are comfortable, provide great sound quality, and reduce external sound.	Any ListenIR Receiver
 LA-404	The Universal Single Ear Bud is a popular listening solution designed for one ear.	Any ListenIR Receiver
 LA-405	The Universal Stereo Ear Buds provide great sound quality and are designed to fit just inside the ears.	Any ListenIR Receiver
 LA-465	Dante 1-Channel Output XLR Adapter	LT-82
 LA-466	Dante 2-Channel Output XLR Adapter	LT-84



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