

# ListenIR

APPLICATION GUIDE: SECURE LISTENING

## Courtrooms



**LISTEN**  
TECHNOLOGIES

[www.listentech.com](http://www.listentech.com)



## SAFE & CLEAR LISTENING

Clear communication in courtrooms and attorney conference rooms is essential to ensure all parties understand and are understood.

/////

Clear and safe communication in courtrooms and attorney conference rooms is essential to ensure all parties understand and are understood.

Infrared (IR) technology is ideal for private assistive listening in courtrooms, conference rooms, or adjacent meeting rooms. Listen Technologies infrared systems offer high-quality sound and reliable audio transmission providing an inclusive experience for all.

### CHALLENGES

- Noisy and crowded environments
- Social distancing safety
- Room layout and seating configuration
- Multilingual audio
- Assistive technology for individuals with hearing loss
- Maintaining privacy for sharing sensitive information

### Solution

Infrared (IR) systems are ideal for secure environments because infrared light stays within the designated room. ListenIR from Listen Technologies is easy to install and use, the receiver is lightweight, small and can be used with headphones or a neck loop for users with T-coil hearing aids or cochlear implants.

Listen Technologies offers both a one-channel and a two-channel transmitter as well as a radiator/transmitter combo for additional coverage in larger spaces. The transmitter is placed in a rack or can be wall-mounted using the provided hardware, saving money and time. Whether in a rack or mounted, ListenIR is discreet and easily blends in with the room interior.

The transmitter is designed to provide sufficient IR power and coverage to ensure uninterrupted and clear audio performance. Adding an expansion radiator will provide additional coverage when mounted within 30 m (100 ft) from the transmitter for larger rooms and spaces.

Managing and setting up ListenIR receivers is easy using the free software.



## Here's How It Works

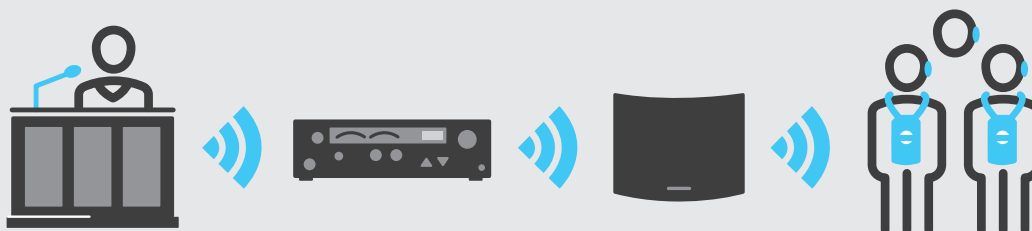
Install the ListenIR transmitter on a shelf or a rack ensuring a clear line of sight to avoid interference.



**LT-84 and LA-141**  
with included  
mounting kit



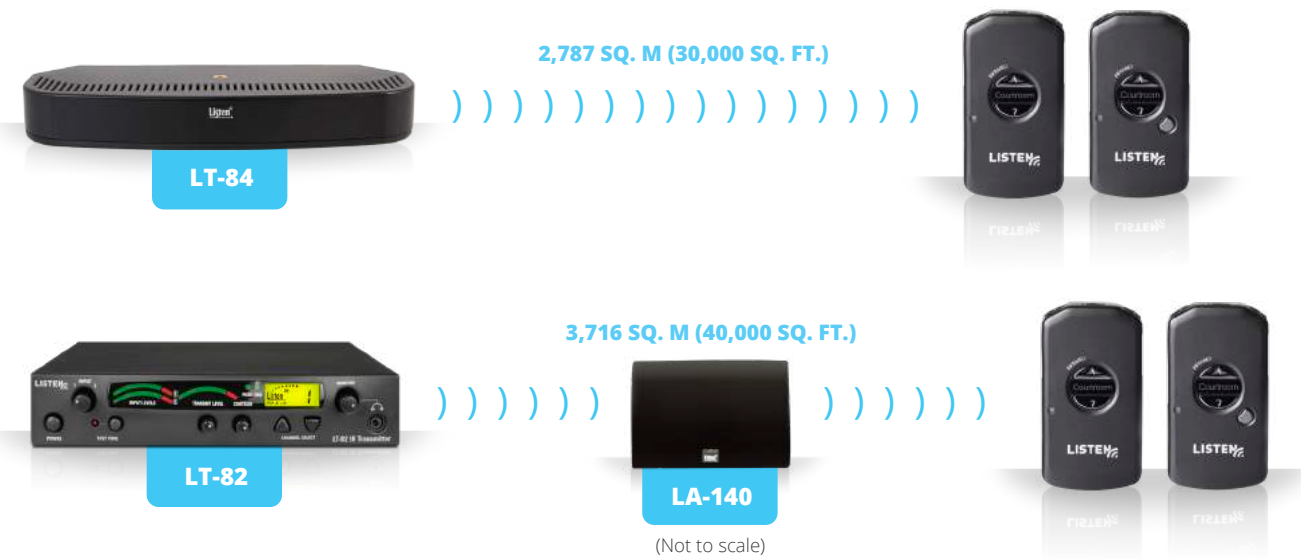
The audio source or microphone is connected to the transmitter and radiator and the infrared light carries the audio sound directly to the listener through the advanced IR receivers.





The receivers can be used together with a standard headset or the Listen Neck Loop Lanyard for those with a hearing aid with a telecoil (T-coil) or cochlear implants; both the receiver and lanyard have a 3.5mm headphone jack.

Download the iDSP Software Management Suite to manage and program the receivers. The software allows you to create custom channel names, manage inventory, and collect guest information for tracking the devices. In addition, accessing advanced features such as Channel Configuration and Auto Select, which allows the receiver to automatically tune to the strongest channel signal available in the space.



Equipment List

Suggested system for small/medium size room with 8 participants

Quantity	Part Number	Description
1	LT-82	1-Channel Transmitter
1	LA-140	Radiator
8	LA-4200 / 5200	Receivers
8	LA-402 / LA-430	Headset / Neckloop

3,716 m<sup>2</sup>  
(40,000 ft.<sup>2</sup>)

Quantity	Part Number	Description
1	LT-84	Transmitter / Radiator Combo
8	LA-4200 / 5200	Receivers
8	LA-402 / LA-430	Headset / Neckloop

2,787 m<sup>2</sup>  
(30,000 ft.<sup>2</sup>)