

IR + ASSISTED LISTENING SYSTEM WITH INTEGRATED WIFI



The new IR + is the industry's first IR system that combines secure infrared and optional WaveCast audio over Wi-Fi delivery in a single affordable box. This Scalable Infrared System uses Distributed Emitter IR array design to accommodate up to 16 emitters with flexible coverage in up to 288,000 square feet (26,750 square meters).

The IR + features a distributed IR E4 emitter architecture allowing up to four emitters either stacked together for large room arrays or distributed throughout the room to accommodate wings in room design, balconies or other obscured venue locations. The rack mounted or remotely located IR M1 Distributed Control Center comes standard with support for up to four IR E4 emitters. Each emitter runs back to the modulator via a Cat 5e/6 cable, providing the audio and power needed to support the remote emitter. Very large room applications can be supported by adding up to four IR A4 Distributed Control Arrays to support a total of 16 IR E4 emitters.

The IR + system can be controlled and monitored remotely via an internal web page, allowing for easy and flexible setup and control. The integrated Ethernet provides easy connection to the building network or a dedicated system-only network. The IR + system also feature a WaveCAST network output for streaming audio via Wi-Fi when combined with a wireless access point. The WaveCAST audio over Wi-Fi Assistive Listening Output features an iOS or Android app for supporting mobile devices. The WaveCAST over audio Wi-Fi system can also be used with the Williams Sound WF R1 Wi-Fi receiver for those that don't want to use mobile devices or for those looking for ADA compliance from a wireless system.



FEATURES:

- Discrete and efficient IR E4 Emitter
- Each emitter provides 18,000 ft coverage (5486.4 meters)
- Simple Cat 5e/6 installation
- No power plug needed - uses PoE from M1
- Emitters can be placed up to 328 feet (100 meters) from modulator
- Up to 4 IR E4 emitters can be used with one IR M1 Distributed Control Center
- Up to 4 IR A4 distributed arrays can be used for a total of 16 IR E4 emitters
- True DSP backbone allows for optimization of assistive listening for the venue



USING IR + IN YOUR LARGE VENUE

Example

Emitter 2

Emitter 3



Emitter 1

The IR + is ideal for large rooms and venues. Its unique extender Enables emitters to be placed up to 656 feet (200 meters) from IR M1 Distributed Control Center and allows up to 16 emitters to be used with one IR M1 Distributed Control Center. This makes pristine sound available in virtually any seat in the venue, including high balcony seats.

