

Advanced Installed Stationary IR System**Configuration:**

LS-82-01-GY Advanced Installed Stationary IR System -Grey (North America)*

LS-82-02-GY Advanced Installed Stationary IR System -Grey (Asia, UK)*

LS-82-03-GY Advanced Installed Stationary IR System -Grey (Euro)*

LS-82-04-GY Advanced Installed Stationary IR System -Grey (Australia)*

LS-82-01-WH Advanced Installed Stationary IR System -White (North America)*

LS-82-02-WH Advanced Installed Stationary IR System -White (Asia, UK)*

LS-82-03-WH Advanced Installed Stationary IR System -White (Euro)*

LS-82-04-WH Advanced Installed Stationary IR System -White (Australia)*

*01, 02, 03, and 04 designation refers to international plug type (type B, G, C, and I) for the power supply.

Product Overview:

The Advanced Installed Stationary IR System provides great signal coverage in a venue while keeping the overall cost of the system low. Because the LS-82 includes rechargeable batteries and a charging station, it is ideal for frequent use. Includes eight (8) stetho receivers, NiMH rechargeable battery packs and a charging station. The system can cover up to 20,000 ft² (1,858 m²). Listen's IR systems are designed for applications that require the audio signal to be isolated for security or other reasons, such as assistive listening, soundfield, language interpretation, live theater, houses of worship, courtrooms, secure rooms, and for auditory description. Custom systems available. Available with both grey or white radiator options.

Highlights:

- Accommodates up to eight (8) listeners - great for applications to accommodate small to medium sized groups
- Outstanding coverage - 20,000 ft² (1,858 m²)
- Secure wireless communication - ideal for applications where isolation of the signal is important
- Up to four (4) channels mono or stereo - no need to sacrifice multiple channels to achieve stereo transmissions
- Easy to specify, install and use
- Outstanding performance ensures crystal clear sound for listeners

Includes:

One (1) LT-82 Stationary IR Transmitter
One (1) LA-326 Universal Rack Mounting Kit
Two (2) LA-140 Stationary IR Radiators
Eight (8) LR-42 IR Stethoscope 4-Channel Receivers

LS-82-01-GY

Advanced Installed Stationary IR System



- Eight (8) LA-364 NiMH Rechargeable Battery Pack for Stationary IR Receivers
- One (1) LA-350 8-Unit IR Charging/Storage Station
- One (1) LA-304 Assistive Listening Notification Signage Kit

Architectural Specification:

The LS-82 Advanced Installed Stationary IR System shall use infrared (IR) light to transmit audio from IR emitting radiators to portable IR receivers. The system shall use IR modulating frequencies above 2.0 MHz. The system transmitter shall have a timer that shuts off the carriers after 30 minutes when no audio is present at the transmitter. Channel selection shall be capable of being locked. The system shall be capable of transmitting on four (4) carriers and each of the four (4) carriers shall be capable of transmitting a mono or stereo signal. The system shall have a frequency response of 100 to 15 KHz (+/-3 dB), less than 2% distortion and shall have signal to ratio of greater than 60 dB. A single emitting radiator shall have a transmitting area of no less than 10,000 ft² (929 m²) (one carrier) or greater for each radiator specified. The radiator shall be powered via CAT-5 cabling and the RF from the transmitter shall be carried by 50 ohm coaxial cable. The receivers will be powered by NiMH rechargeable battery packs and include a compact charging station. The LS-82 is specified.

Product Specification:Advanced Installed Stationary IR System	
Physical	
Shipping Weight	30.0 lbs. (13.6 kg)