

Configurations

- **LT-84-01 ListenIR Transmitter/Radiator Combo (North America)***
- **LT-84-02 ListenIR Transmitter/Radiator Combo (Asia, UK)***
- **LT-84-03 ListenIR Transmitter/Radiator Combo (Euro)***
- **LT-84-04 ListenIR Transmitter/Radiator Combo (Australia)***
- **LT-84-05 ListenIR Transmitter/Radiator Combo (India)***

***01, 02, 03, 04, and 05 designation refers to international plug type (type B, G, F, I, and D) for the power supply.**

Architectural Specs

The Infrared Transmitter/Radiator Combo shall be capable of broadcasting up to two (2) audio channels with the choice of four (4) mono carrier frequencies; 2.3, 2.8, 3.3 and 3.8 MHz. Channel carrier selections shall be set via a back panel rotary switches. The Transmitter/Radiator coverage area shall be up to 30,000 ft² (2787 m²) with LR-4200-IR/LR-5200-IR receivers or 7,500 ft² (697 m²) with LR-42/LR-44 receivers in single channel mode. The device shall have a timer that shuts off the carriers after 15 minutes when no audio is present at the inputs. The Transmitter/Radiator shall have a SNR of 60 dB or better and THD of less than 2%. The device shall have an audio frequency response of 63 Hz to 15 kHz, +/- 3db. The device shall have two (2) independent mixing audio inputs, one for each transmission channel. Each mixing input shall consist of one (1) 3.5 mm Microphone input, one (1) balanced Phoenix type input and one (1) unbalanced RCA stereo summing input. The device shall have independent channel audio processing with Limiting, Compression and Noise Gate as well as transmit level control and level indication via two (2) LEDs. The Transmitter/Radiator shall provide Power and RF signal for up to Four (4) Expansion Radiators over a single CAT-5e cable. The LT-84 is specified.