

Configurations

LA-141 ListenIR Expansion Radiator (For LT-84 only)

Architectural Specs

The IR Expansion Radiator shall be capable of receiving four (4) mono carrier frequencies of; 2.3, 2.8, 3.3 and 3.8 MHz over a proprietary RJ-45 Expansion Link. The device shall be connected via a single CAT-5e cable (100 ft. (30 m) maximum) providing power and RF signal. The Expansion 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 deactivate the IR emitting LEDs after 15 minutes if no audio is present. When connected to a Trans-Radiator the device shall have a system audio performance of 60 dB SNR or better, THD of less than 2% and a frequency response of 63 Hz to 15 kHz, +/- 3db. The Expansion Radiator shall have an Expansion in and out RJ-45 connection allowing an additional Expansion Radiator to be connected (two per daisy chain, two daisy chains per Trans-Radiator) for up to four (4) Expansion Radiators in a system. The Expansion radiator shall provide delay compensation via two (2) rotary four (4) position switches for up to two (2) audio channels. The LA-141 is specified.