



#### Configuration:

LA-140-GY Stationary IR Radiator -Grey

LA-140-WH Stationary IR Radiator -White

#### Product Overview:

Combining a compact, stylish design with outstanding coverage and simple setup, the LA-140 IR Radiator/Emitter from Listen Technologies is an expandable option for any infrared assistive listening application.

Two LA-140 units can be mounted together horizontally or vertically, doubling the power of your system without taking up an excessive amount of space. Additionally, two units can be powered by a single LT-82 transmitter or optional power supply with standard CAT-5 cable, making setup and installation simple.

Each unit includes hardware for mounting on wall, ceiling, desk, mic stand or tripod, making the LA-140 an incredibly versatile choice for nearly any IR assistive listening system.

With a compact design and availability in either white (-WH) or grey (-GY), the LA-140 IR Radiator/Emitter from Listen Technologies is a discreet and dependable choice.

#### Highlights:

- Up to 3,716 m<sup>2</sup> (40,000 ft.<sup>2</sup>) of maximum coverage per radiator
- Two (2) radiators can be combined and powered by a single LT-82 transmitter or optional power supply via standard CAT-5 cabling
- Can be mounted together horizontally or vertically for double the power in a compact space
- Automatic radiator diode shutoff feature extends radiator life
- Delay compensation to eliminate dropout in the infrared signal
- Available in either white or grey for discrete installation in a variety of settings

#### Includes:

One (1) LA-140 Stationary IR Radiator

One (1) Mounting hardware (allows for wall, ceiling, desk, mic stand and tripod mounting)

Twenty-five (25) ft. (7.6 m) of coax cable, matched color

Twenty-five (25) ft. (7.6 m) of CAT-5 cable, matched color

One (1) Quick Reference Card

Up to two LA-140 radiators can be powered by one LT-82. If additional power is required, order an additional power supply.

Product Specification: Stationary IR Radiator (White or Grey)	
Controls	
User Controls	Termination Switch, Delay Compensation Switch, Indicator LEDs on/off, Compatibility Switch
Indicators	
Red LED	Indicates power is present.
Yellow LED	Indicates no connection to transmitter or radiator.
Green LED	Indicates carrier and power are present and radiator is emitting IR signal.
RF	



Product Specification: Stationary IR Radiator (White or Grey)	
Frequency Range	1 MHz - 5 MHz
Input/s	BNC Connection. -25 dBm to -5 dBm input nominal
Output/s	BNC Connection. -15 dBu nominal
Coverage Area	3,716 m <sup>2</sup> (40,000 ft. <sup>2</sup> ) maximum coverage per radiator when used with LR-4200 / LR-5200 Receivers
Power	
Power Supply Input	RJ-45 connector. 30 VDC, powered from transmitter via CAT-5 cable or optional LA-205 power supply.
Power Supply Output	RJ-45 connector. 30 VDC, powers up to one additional radiator. (Maximum two radiators powered from each LT-82 transmitter or LA-205 power supply)
Emitter Power	3 W
Cable Length	250 ft. with (1) LT-82 and (2) LA-140 or 700 ft. with (1) LT-82 and (1) LA-140.
Physical	
Width	8.00 in. (203 mm)
Height	5.50 in. (140 mm)
Depth	2.60 in. (66 mm)
Color	LA-140-GY (Grey), LA-140-WH (White)
Shipping Weight	6.0 lbs. (2.70 kg)
Mounting	Radiator can be mounted on a wall, on a ceiling, in a corner, on a desk, on a mic stand or on a tripod. Wall box mounting plate fits a standard single gang electrical box.
Weight	2.1 lbs. (0.95 kg)
Weight (Loaded)	2.4 lbs. (1.09 kg)
Environmental	
Temperature - Operation	-14 °F (-10 °C) to +104 °F (40 °C)
Temperature - Storage	-4 °F (-20 °C) to +122 °F (50 °C)
Relative Humidity	0 to 95% relative humidity, non-condensing
Compliance	
Standards	FCC Part 15, Industry Canada, CE, RoHS