



**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)	
<b>Controls</b>	
User Controls	Termination Switch, Delay Compensation Switch, Indicator LEDs on/off, Compatibility Switch
<b>Indicators</b>	
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.
<b>RF</b>	

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
<b>Power</b>	
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.
<b>Physical</b>	
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)
<b>Environmental</b>	
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
<b>Compliance</b>	
Standards	FCC Part 15, Industry Canada, CE, RoHS