



**Configuration:**

LA-140-GY Stationary IR Radiator -Grey

LA-140-WH Stationary IR Radiator -White

**Product Overview:**

The LA-140 IR radiator/emitter packs high infrared power in a small and attractive design, with your choice of grey or white packaging. Designed for easy installation using standard components, the LA-140 is powered via CAT-5 cabling while the RF modulated carriers are delivered via standard coax cable. Mounting brackets are included for wall, ceiling, desk, mic stand and tripod mounting. Power can be supplied by the LT-82 transmitter or from a separate power supply (LA-205). Built-in delay compensation prevents signal cancellation (multi-path) problems and eliminates the piled-up cabling that is required with other systems. The LA-140 is used for government compliance (such as ADA), assistive listening, language interpretation, live theatre, houses of worship, courtrooms, secure rooms and for auditory description. Available in both grey and white.

**Highlights:**

- Outstanding coverage – 10,000 ft<sup>2</sup> (929 m<sup>2</sup>)
- Two (2) radiators can be powered from a single LT-82 transmitter or optional power supply using standard CAT-5 cabling – eliminating the need for multiple cables
- White or grey color – allows for a variety of aesthetic settings
- Includes wall, ceiling, desk, mic stand and tripod mounting brackets – gives multiple options for mounting
- Units can be horizontally or vertically mounted together – doubles the power in a small footprint
- Radiator diodes are turned off if no audio signal is present at the transmitter after 30 minutes – saves radiator diode life
- Delay compensation – ensures no drop out in the IR signal

**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	
<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>	
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	10,000 ft <sup>2</sup> (929 m <sup>2</sup> ) when used with Listen Receivers

Product Specification: Stationary IR Radiator	
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