

User's Manual (instruction sheet)

Installing an IR Interface

Installation

Read all instructions completely before installation.

Section 1 - Installation

Important Notes

1. Install in accordance with all national and local electrical codes.
2. Do not paint the IR Interface.
3. Operate in ambient temperatures between 0°C (32°F) and 40°C (104°F).
4. Use only the AC adapter provided by Lutron with your IR Interface unit. Using an AC adapter not rated at the following specifications could damage the control and possibly overheat the AC adapter.
 - Input: AC 120V 60Hz
 - Output: AC 9V/500mA Class 2
5. The range and performance of the RadioRA System is highly dependent on a variety of complex factors such as:
 - Distance between system components
 - Geometry of the home
 - Construction of walls separating system components
 - Electrical equipment located near system components



DANGER -

- Do not connect line voltage power to the RA-IR.
- Connecting line voltage power or improper wiring can result in personal injury or damage to the control or to other equipment.

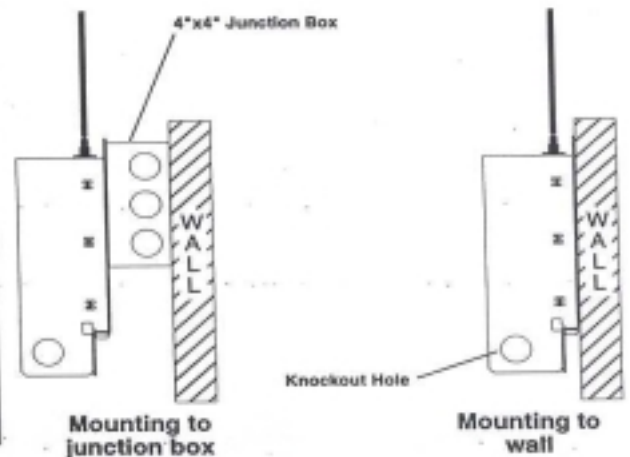
Step 1 Find a suitable location for the IR Interface

Place the IR Interface in a convenient and accessible location. **Note:** IR Interface must be located within 30 feet of a Repeater.

Step 2 Mount the IR Interface

Using two screws, mount the IR Interface to a 4"x4" junction box or directly to a wall (screws and wall anchors provided).

Use two screws for mounting.



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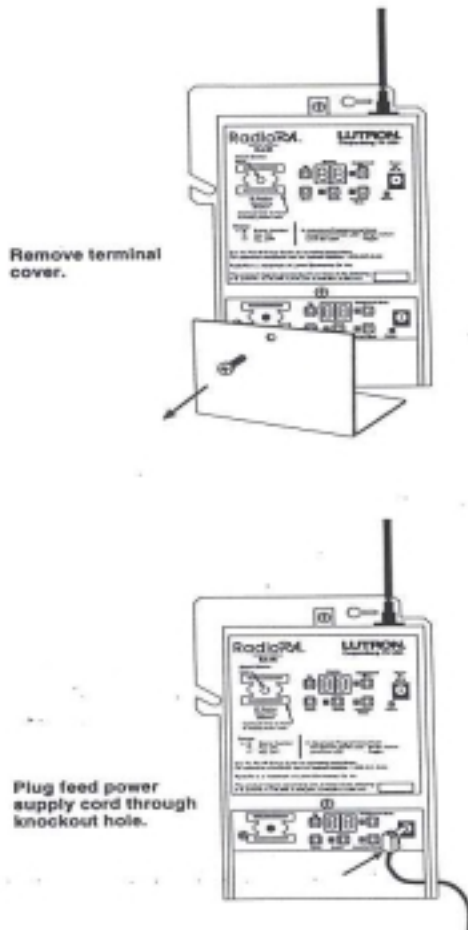
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Step 3 Attach the power supply

Remove terminal cover. Attach the power supply cord to the IR Interface (jack located in the bottom right corner). Power supply cord must enter unit through a knockout hole located on either side of the unit. Place the provided grommet in the knockout hole before wiring.

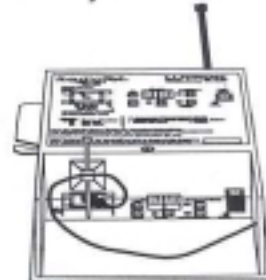


Step 4 Mount the IR Emitter (if used)

If using an IR Emitter, peel off the backing and attach it over the hole on the IR Emitter mounting bracket.

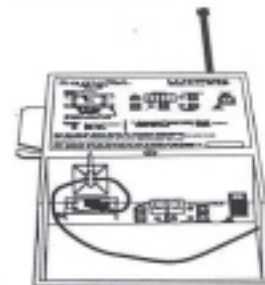


Using the supplied cable tie anchor, peel off the backing and attach to the enclosure directly above the IR Emitter mounting bracket.



Feed cable tie through anchor as shown.

Secure the IR Emitter cord to the anchor using the cable tie.



Secure IR Emitter cord to anchor with supplied cable tie.

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Notes on this Manual

This manual is an addendum to the original RadioRA Setup Guide. The procedures to setup a RadioRA Infrared Interface (IR Interface) are contained in this manual. For more information on programming the remainder of your RadioRA System, or for advanced features, refer to the original RadioRA Setup Guide (P/N 044-001).

Consumer Information



This symbol is intended to alert the user to the presence of important installation and operating instructions.

Danger

This RadioRA system must not be used to control equipment, other than lighting, which is not visible from every master or local control location. It also must not be used to control equipment which could create hazardous situations such as entrapment if operated accidentally. Examples of equipment which must not be controlled by this RadioRA system include (but are not limited to) motorized gates, garage doors, industrial doors, and microwave ovens, heating pads, etc. It is the installer's responsibility to ensure that the equipment, other than lighting, being controlled is visible from every master or local control location and that only suitable equipment is connected to this RadioRA system.

FCC Information

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Changes or modifications not expressly approved by Lutron Electronics Co. could void the user's authority to operate this equipment.

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