

User's Manual (instruction sheet)

RadioRA®

Wireless Central Lighting Control

Repeater

Installation Instructions for Repeaters

Model Number:
RB-REP

Please Leave for Occupant

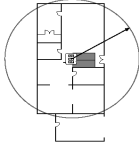
120/127VAC, 50/60Hz

Read all instructions completely before installation.

Installation Contents

System Layout

Where to place a Repeater.



Page 2

Repeater Installation

Installing a Repeater.



Page 3

Operation

To activate and program a Repeater, refer to the enclosed RadioRA Setup Guide.

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 radio 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. It has been found that using the equipment of this type in a certain manner may cause interference. If you find that you are experiencing interference, you may wish to take the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Plug the equipment into 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.

Troubleshooting

Symptom	Possible Cause
Repeater appears not to be working.	• No power available to unit. • Faulty power supply. • Repeater not programmed. (Refer to the Setup Guide for programming instructions)

Worldwide Technical and Sales Assistance

If you have questions concerning the installation or operation of this product, call the **Lutron Technical Assistance Hotline**. Please provide exact model number when calling.

(800) 523-9466 (U.S.A., Canada, and the Caribbean)
Other countries call (610) 282-3800
Fax (610) 282-3090

Warranty

Lutron will, at its option, repair or replace any unit that is defective in materials or workmanship within the warranty period. The warranty is void if the unit is not installed, used, or maintained in accordance with the instructions. The warranty is void if the unit is damaged by fire, flood, or other causes. The warranty is void if the unit is used for any purpose other than that intended by Lutron.

This warranty is in lieu of all other warranties, express or implied, and the manufacturer assumes no liability for damages of any kind, including consequential damages, resulting from misuse, abuse, or damage from improper wiring or installation. This warranty does not cover incidental or consequential damages. This warranty gives you specific legal rights, and you may have other rights which vary by state or province. Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitation on how long an implied warranty may last, so the above limitations may not apply to you.

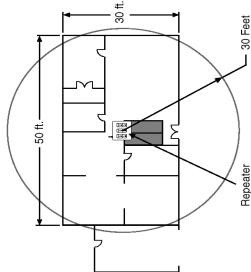
This product may be covered under one or more of the following U.S. patents: 5,890,440; 5,890,441; 5,890,442; 5,890,443; 5,890,444; 5,890,445; 5,890,446; 5,890,447; 5,890,448; 5,890,449; 5,890,450; 5,890,451; 5,890,452; 5,890,453; 5,890,454; 5,890,455; 5,890,456; 5,890,457; 5,890,458; 5,890,459; 5,890,460; 5,890,461; 5,890,462; 5,890,463; 5,890,464; 5,890,465; 5,890,466; 5,890,467; 5,890,468; 5,890,469; 5,890,470; 5,890,471; 5,890,472; 5,890,473; 5,890,474; 5,890,475; 5,890,476; 5,890,477; 5,890,478; 5,890,479; 5,890,480; 5,890,481; 5,890,482; 5,890,483; 5,890,484; 5,890,485; 5,890,486; 5,890,487; 5,890,488; 5,890,489; 5,890,490; 5,890,491; 5,890,492; 5,890,493; 5,890,494; 5,890,495; 5,890,496; 5,890,497; 5,890,498; 5,890,499; 5,890,500; 5,890,501; 5,890,502; 5,890,503; 5,890,504; 5,890,505; 5,890,506; 5,890,507; 5,890,508; 5,890,509; 5,890,510; 5,890,511; 5,890,512; 5,890,513; 5,890,514; 5,890,515; 5,890,516; 5,890,517; 5,890,518; 5,890,519; 5,890,520; 5,890,521; 5,890,522; 5,890,523; 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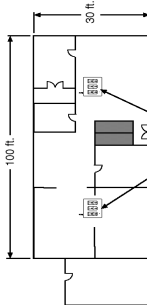
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System Layout

Each Repeater will cover approximately a 2000 square foot area.

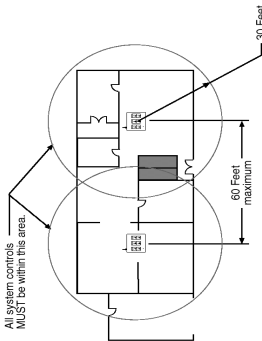


This diagram shows a 3000 square foot home requiring two Repeaters.



Multiple Repeaters

All system controls must be within a 30 foot distance, in any direction, of a Repeater. Each repeater must be within 60 feet of another Repeater.



Note: The Repeater's range is 30 feet in all directions.

Repeater Installation

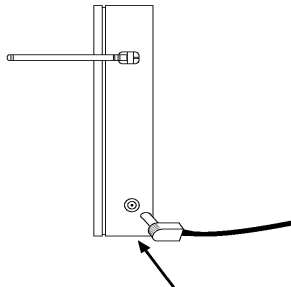
✓ Check off Steps as completed.

Step 1

Find a suitable location for the Repeater. Choose a discreet location that is centrally located to all system controls. The Repeater must be located within 30 feet of all system controls or within 60 feet of a previously installed Repeater.

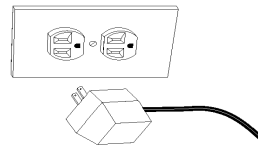
Step 2

Attach the power supply cord to the Repeater (jack located on rear of Repeater).



Step 3

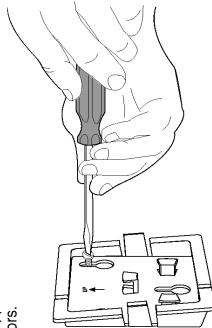
Plug the other end of the power supply into a 120/127VAC, 50/60Hz wall receptacle.



Optional Wall Mounting

The Repeater can be wall mounted using the supplied wall bracket.

Attach wall bracket to wall using the supplied screws and wall anchors.



Wrap excess power supply cord around the cord holder. Align Repeater and snap onto wall bracket.

