



Installation Instructions

Please Read Before Installing

RF Signal Repeater

HR-REP-SW

120/127 V~, 50/60Hz (9 V ---, 300 mA adapter)

Overview

HomeWorks RF Signal Repeaters provide an additional coverage area for radio frequency (RF) signals sent between HomeWorks RF Dimmers/Switches, RF Keypads, and RF Processors. Each RF Signal Repeater covers a sphere of approximately 2500 square feet (232m²) of living space.

Important Notes

Codes: Install in accordance with all local and national electrical codes.

Power: Use only the adapter provided by Lutron with your unit (Lutron model # T120-9DC-3-WH).



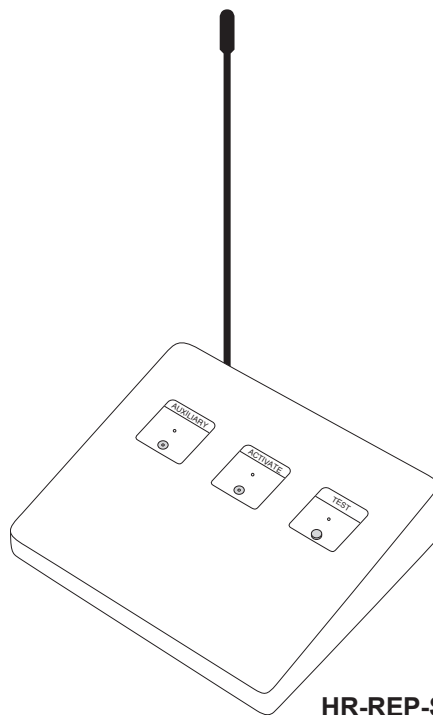
Caution - Using an adapter not rated at the following specifications could damage the repeater and possibly overheat the adapter.

- Input: 120/127VAC 50/60Hz
- Output: 9VDC/300mA Class 2

Environment: Ambient operating temperature: 32-104°F (0-40°C), 0-90% humidity, non-condensing. Indoor use only.

Cleaning: To clean, wipe with a clean damp cloth. **DO NOT** use any chemical cleaning solutions.

RF Device Placement: RF Signal Repeaters must be located within 30 feet (9m) of the RF Dimmers/Switches and Keypads they are covering. RF Signal Repeaters must also be within 60 feet (18m) of an RF Processor or another repeater.

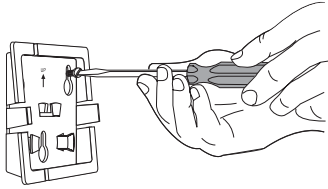


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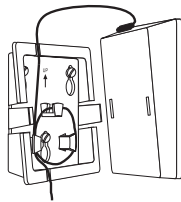
Wall Mounting

RF Signal Repeaters may be wall mounted using the supplied wall bracket.

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

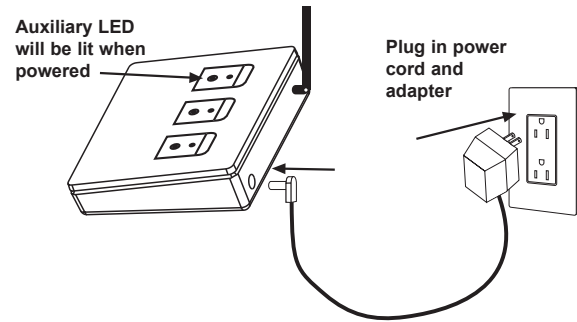


2. Wrap excess adapter cord around the cord holder. Align repeater and snap onto wall bracket.

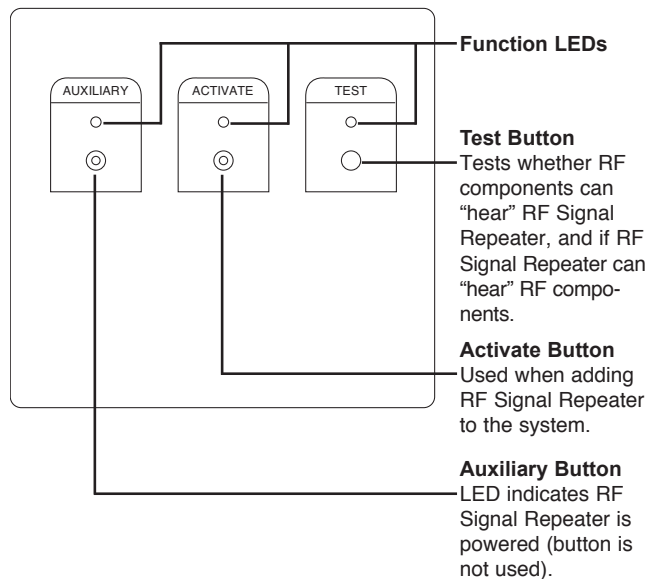


Adapter Installation

1. Find a suitable location for the RF Signal Repeater. Place the repeater in a convenient and accessible location. **Note:** RF Signal Repeaters must be located within 60 feet (18m) of another RF Signal Repeater or an RF Processor.
2. Apply power to the RF Signal Repeater.



Operation



Home A: 2500 sq. ft. (232m²) or less - all RF devices within 30' (9m) of RF Processor



- RF Signal Repeaters must be located within 30 feet (9m) of the RF Dimmers/Switches and Keypads they are covering.
- RF Signal Repeaters must also be within 60 feet (18m) of an RF Processor or another repeater.
- Multiple repeaters may be necessary to provide adequate coverage. Up to four (4) repeaters may be used with each RF Processor.

RF Tabletop Keypad

30 ft. (9m) maximum

RF Signal Repeater

RF Dimmer

RF Keypad

RF Processor

60 ft. (18m) maximum between RF Processors and Repeaters, or between Repeaters

30 ft. (9m) maximum

Troubleshooting Guide

Symptom	Cause and Action
Auxiliary LED on RF Signal Repeater does not light.	No power available to unit. <ul style="list-style-type: none">• Faulty power supply. Replace power supply.
Button presses on RF Signal Repeater cause the repeater to <i>fast flash</i> all its LEDs.	Repeater has not been addressed. <ul style="list-style-type: none">• Refer to the <i>HomeWorks</i> Utility online help for setup details.

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 in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does 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.

Industry Canada Information

The term "IC:" before the radio certification number only signifies that Industry Canada technical specifications were met.

Technical and Sales Assistance

If you need assistance, call the toll-free **Lutron Technical Support Center**. Please provide exact model number when calling.
(800) 523-9466 (U.S.A., Canada and the Caribbean)

Other countries call:

Tel: (610) 282-3800

Fax: (610) 282-3090

Visit our Web site at www.lutron.com

LIMITED WARRANTY

Lutron will, at its option, repair or replace any unit that is defective in materials or manufacture within two years after purchase. After the two year period, a pro-rated warranty applies to this product until eight years after the purchase. For warranty service, return unit to place of purchase or mail to Lutron at 7200 Suter Rd., Coopersburg, PA 18036-1299, postage prepaid. Telephone the Lutron Technical Support Center toll free at 800-523-9466. For more information regarding this warranty contact your Lutron representative.

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