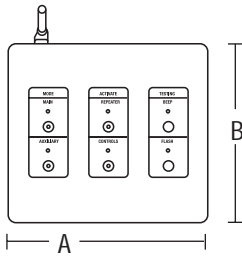


## RadioRA RF Signal Repeater

RA-REP

Model No.:  RA-REP-

Color:  White



RF Signal Repeater



### Dimensions

	in	mm
A	3.57	91
B	3.23	82
C	.70	18
D	.98	25

### ► Specifications

<b>POWER</b>	Input: 120/127VAC, 50/60Hz Output: AC 9V/500mA Class 2 Use only the AC adapter provided by Lutron with your repeater.
<b>MOUNTING</b>	Tabletop or wall mount bracket (provided)
<b>TEMPERATURE</b>	32-104°F (0-40°C)
<b>MAXIMUM RANGE</b>	RF Signal Repeater to Master Controls, Dimmers, Switches, or GRAFIK Eye® Interfaces: 30ft. RF Signal Repeater to RF Signal Repeater: 60ft.
<b>MAX.# OF REPEATERS PER SYSTEM</b>	4
<b>MIN.# OF REPEATERS PER SYSTEM</b>	1

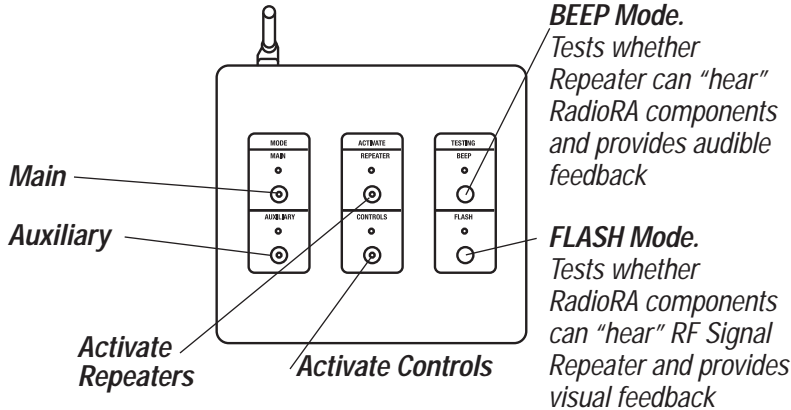
### ► Features

- Has BEEP and FLASH modes to verify RF communication between Dimmers, Switches, Master Controls, RF Signal Repeaters and Interfaces.

### ► Function

- Allows for system set up and diagnostics.
- Provides additional path for Radio Frequency (RF) signals sent between Dimmers, Switches, Master Controls, and Interfaces.
- Ensures that a neighboring system will not cause interference.
- Allows controls to be added in the future.
- Each RF Signal Repeater covers approximately 2500 square feet of living space.

▶ **RF Signal Repeater Operation**

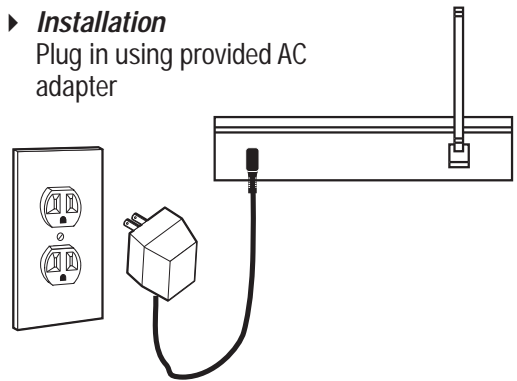


**BEEP Mode.**  
Tests whether Repeater can "hear" RadioRA components and provides audible feedback

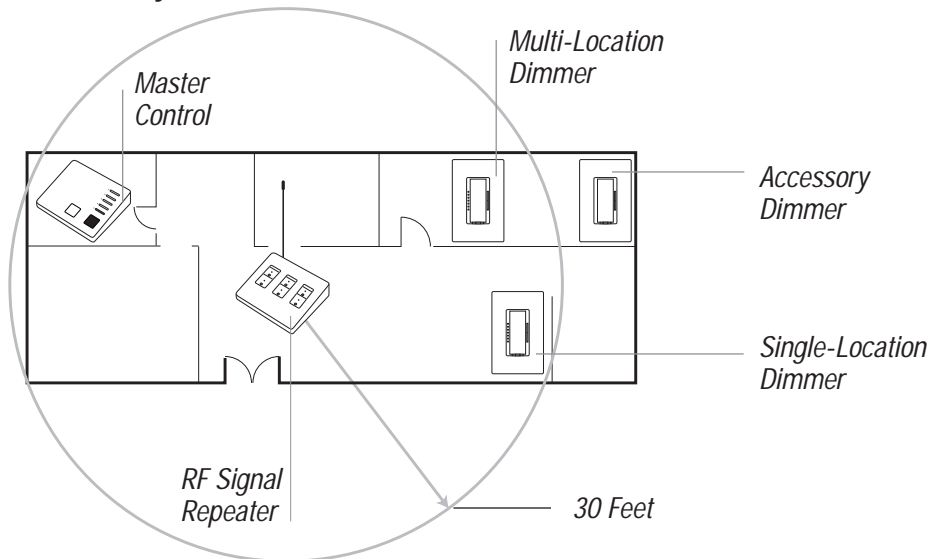
**FLASH Mode.**  
Tests whether RadioRA components can "hear" RF Signal Repeater and provides visual feedback

▶ **Installation**

Plug in using provided AC adapter

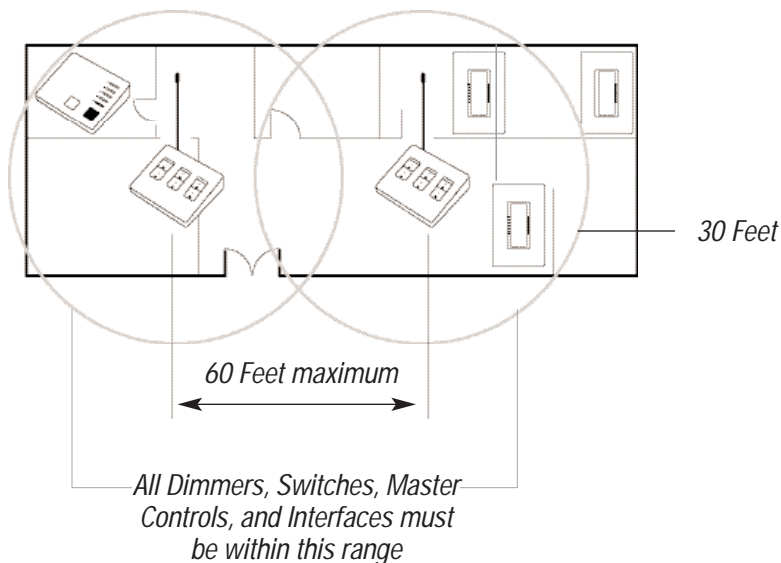


▶ **RadioRA System Overview**



**Single RF Signal Repeater System**

- All Dimmers, Switches (except RA-AD and RA-AS models), Master Controls and Interfaces must be within 30 feet of an RF Signal Repeater.



**Multiple RF Signal Repeater System**

- All Dimmers, Switches (except RA-AD and RA-AS models), Master Controls and Interfaces must be within 30 feet of an RF Signal Repeater.
- For multiple RF Signal Repeater systems, an RF Signal Repeater must be within 60 feet of another RF Signal Repeater.

▶ **Limited Warranty**

Lutron will, at its option, repair or replace any unit that is defective in materials or manufacture within one year after purchase. For warranty service, return unit to place of purchase or mail to Lutron at 7200 Suter Rd., Coopersburg, PA 18036-1299, postage pre-paid. THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES, AND THE IMPLIED WARRANTY OF MERCHANTABILITY IS LIMITED TO ONE YEAR FROM PURCHASE. THIS WARRANTY DOES NOT COVER THE COST OF INSTALLATION, REMOVAL OR REINSTALLATION, OR DAMAGE RESULTING FROM MISUSE, ABUSE, OR IMPROPER OR INCORRECT REPAIR, OR DAMAGE FROM IMPROPER WIRING OR INSTALLATION. THIS WARRANTY DOES NOT COVER INCIDENTAL OR CONSEQUENTIAL DAMAGES. LUTRON'S LIABILITY ON ANY CLAIM FOR DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE MANUFACTURE, SALE, INSTALLATION, DELIVERY, OR USE OF THE UNIT SHALL NEVER EXCEED THE PURCHASE PRICE OF THE UNIT. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Order P/N 366-416 for a complete set of RadioRA specification submittals. Printed in the U.S.A. 1/02