

Lutron Wireless Repeaters

The Lutron wireless repeaters allow for the wireless range expansion of your Lutron lighting control system for whole house coverage.

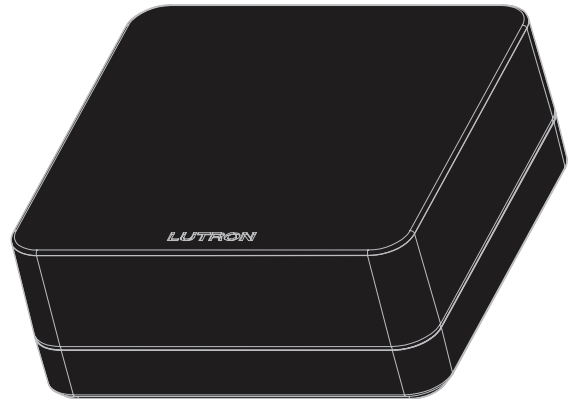
Lutron wireless repeaters extend the range of Radio Frequency (RF) signals that are sent between devices. Up to four wireless repeaters can be added to extend the RF range for larger system applications. Each wireless repeater has an RF range of 30 ft (9 m), covering an area of approximately 2500 ft² (232 m²).

Features

- Expands RF range
- Easily adds to an existing system through the Lutron App¹ or system software
- Can add up to four Wireless Repeaters per system
- Works with RA2 Select and RadioRA 2 systems

Model Numbers

Wireless Repeater	Country/Region
L-REPPRO-BL	North America
L-REPPRO-BLBA	Brazil



Lutron Wireless Repeater

¹ The Lutron App is compatible with iOS® devices version 8.0 or later and Android™ devices 4.1 or later.

Job Name:	Model Numbers:
Job Number:	

Specifications

Regulatory Approvals

- cULus Listed
- FCC approved. Complies with the limits of a Class B digital device, pursuant to Part 15 of the FCC rules
- IC certified
- COFETEL certified (Q3 2017)
- ANATEL certified (-BLBA only)

Power

- 5 V \equiv 100 mA
- Power Supply (included):
 - For L-REPPRO-BL, 5 V \equiv 550 mA, cable length 6 ft (1.83 m)
 - For L-REPPRO-BLBA, 5 V \equiv 1 A, cable length 5 ft (1.5 m)

Typical Power Consumption

- Lutron wireless repeater: 0.45 W
- Test Conditions: LED on, powered by the 5 V \equiv adapter

Environment

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

Communications

- All devices must be located within 30 ft (9 m) of a repeater
- All repeaters must be within 60 ft (18 m) of another repeater
- System devices operate on frequencies between 431.0 MHz to 437 MHz

Protection

- Tested to withstand electrostatic discharge without damage or memory loss in accordance with IEC 61000-4-2
- Tested to withstand surge voltages without damage or loss of operation, in accordance with IEEE C62.41-1991

Power Failure Memory

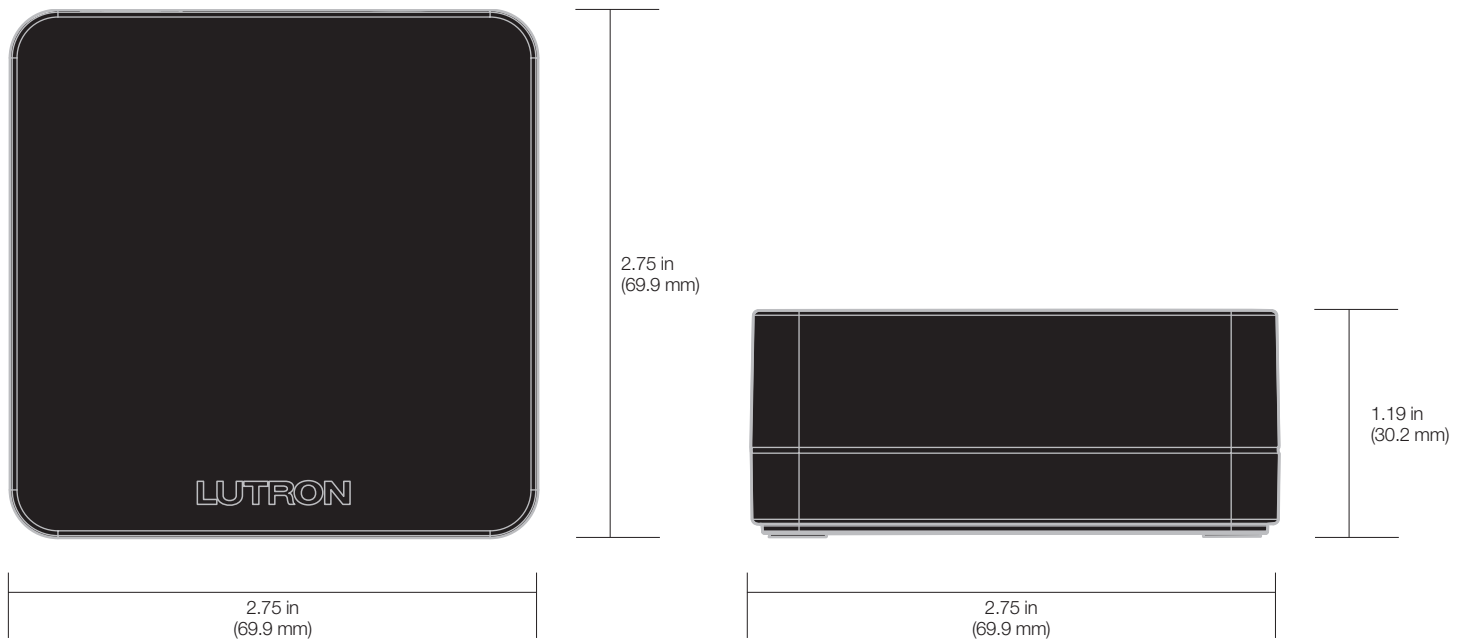
- Should power be interrupted, the wireless repeater will return to its previous state when power is restored

Connections

- USB (power only)

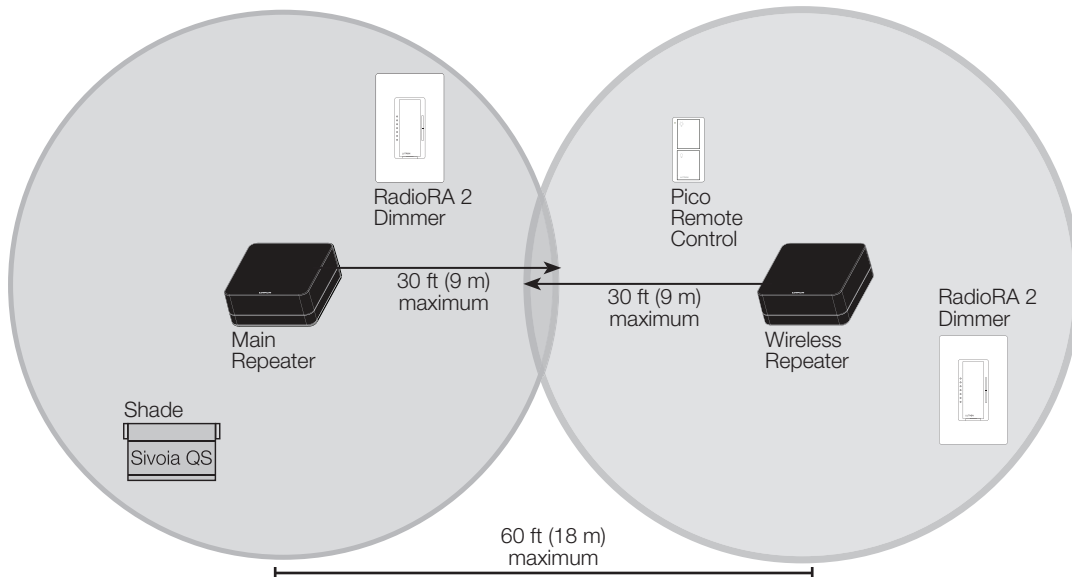
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Dimensions



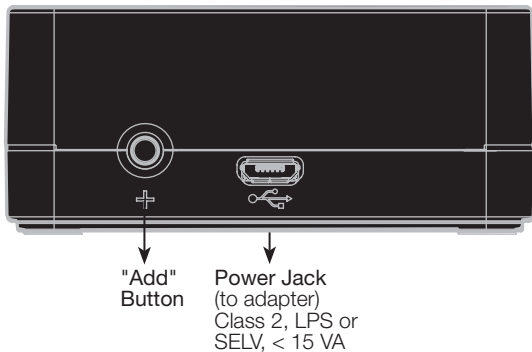
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RF Range



Connections

Back View



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