

## Lutron Wireless Repeater

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

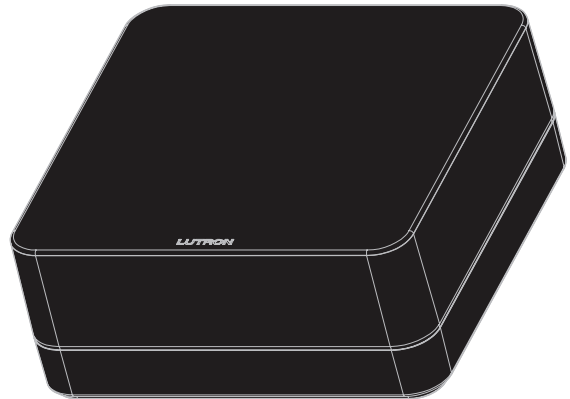
Lutron wireless repeaters extend the range of Radio Frequency (RF) signals that are sent between devices. Up to four wireless repeaters can be added to extend the RF range for larger system applications. Each wireless repeater has an RF range of 30 ft (9 m), covering an area of approximately 2500 ft<sup>2</sup> (232 m<sup>2</sup>).

### Features

- Expands RF range
- Easily adds to an existing system through the Lutron App<sup>1</sup> or system software
- Can add up to four Wireless Repeaters per system
- Works with RA2 Select and RadioRA 2 systems

### Model Available

L-REPPRO-BL      5 V<sub>DC</sub> 100 mA  
 (Lutron wireless repeater)



Lutron Wireless Repeater

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

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## 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)

### Power

- 5 V $\equiv$  100 mA
- Power Supply (included): 5 V $\equiv$  550 mA, cable length 6 ft (1.83 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

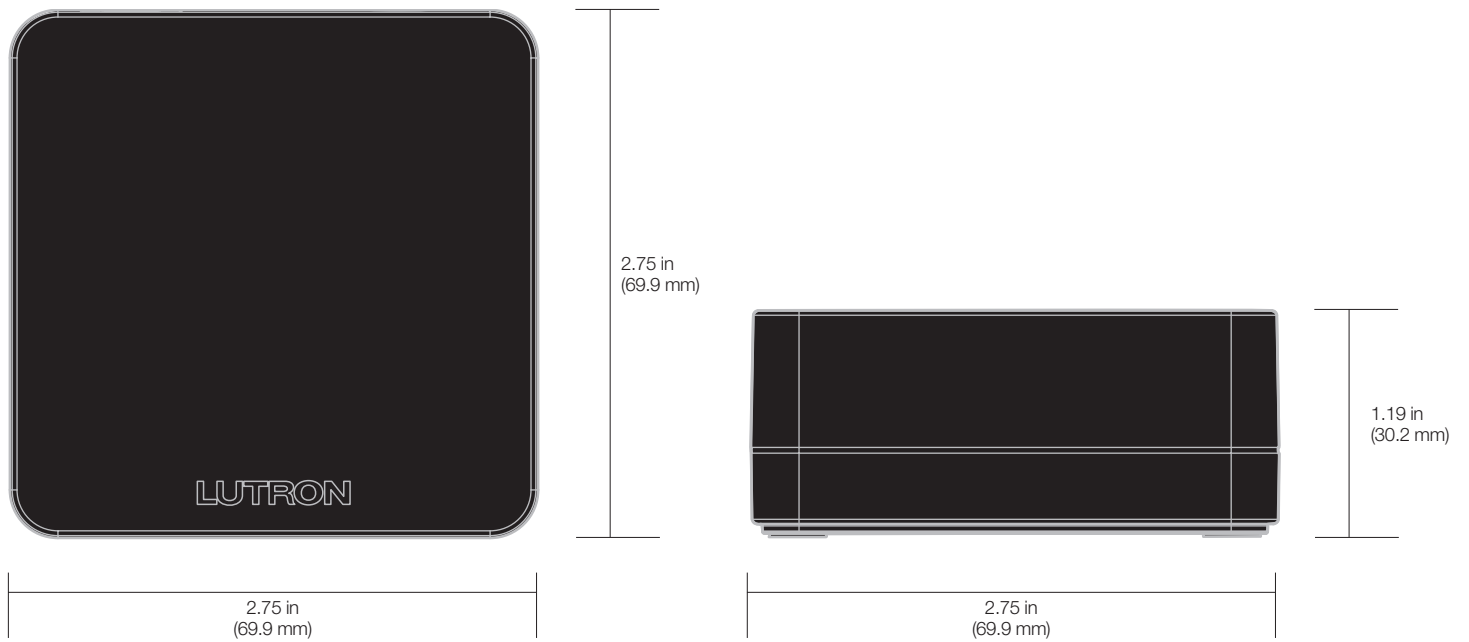
- Should power be interrupted, the wireless repeater will return to its previous state when power is restored

### Connections

- USB (power only)

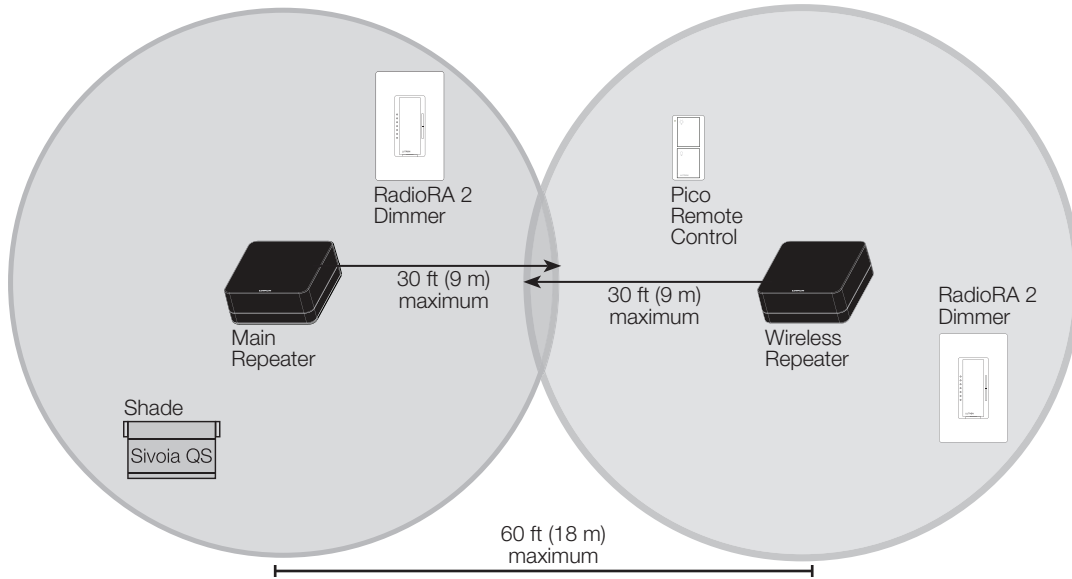
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### Dimensions



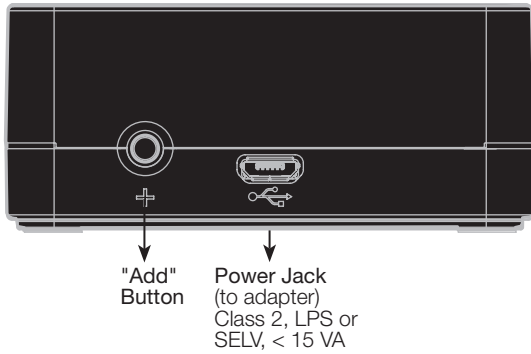
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### RF Range



### Connections

#### Back View



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