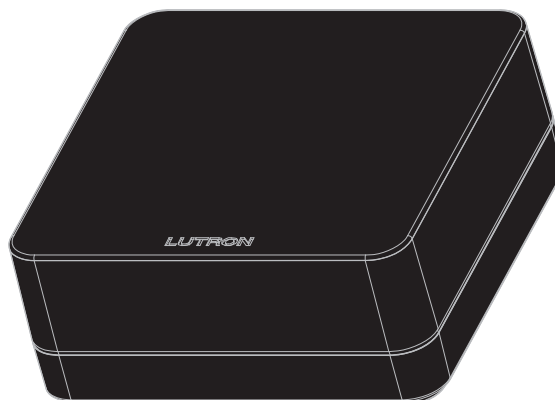# RA2 Select Main Repeater with OvrC

The RA2 Select main repeater with OvrC allows for setup, control, and monitoring of select RadioRA 2 devices and Lutron wireless shades from a smartphone or tablet using the Lutron App[1]. Using the native OvrC integration, the OvrC enabled RA2 Select system status can be monitored through the SnapAV OvrC remote management platform.

RA2 Select main repeater with OvrC

Features

- Includes native OvrC integration:
  - Monitor the RA2 Select system status, including dimmers, switches, and shades, through the SnapAV OvrC remote management platform.
  - Remotely connect to the RA2 Select system using the Lutron App and a one-time unique code from OvrC (valid for 24 hours).
  - Setup installer notifications about the RA2 Select system.
  - Verify firmware revision of the RA2 Select main repeater.
  - Remotely reset the RA2 Select main repeater.
- Supports up to 100 wireless devices (including select RadioRA 2 dimmers and switches, Pico wireless controls, wireless sensors, and wireless shades). The main repeater and additional wireless repeaters each count as one device.
- Programmed via the Lutron App (available for iOS® and Android™).
- Scene control via the Lutron App and Pico scene keypads.
- Timeclock scheduling of daily events via the Lutron App.
- Connects to the Wi-Fi router via an Ethernet connection.
- Local device operation will continue to function if internet connection is lost.
- System access from anywhere in the world using the Lutron App.
- Control outside the app via widgets (iOS® and Android™).

- Supports Geofencing from the Lutron App.
- Control from *Apple Watch.*
- Supports integration with other smart home brands including Amazon® Alexa®, Google® Assistant, Nest®, Sonos®, and more.
- Up to 4 wireless repeaters can be added to extend the range for larger systems.
- Automatically programs Pico wireless controls for typical applications and activities or program additional custom scenes using the Lutron App.
- Integration with select professional A/V and security systems.

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[1] The Lutron App is required for setup and use with the RA2 Select main repeater with OvrC. 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:	

Models Available

RR-SEL-REP2S-BL   5 V=== 300 mA
(RA2 Select main repeater
with OvrC)

Compatible Devices [1,2]

- RadioRA 2 dimmers
- RadioRA 2 switches
- RadioRA 2 fan controls
- RadioRA 2 plug-in dimmer / tabletop lamp dimmer
- RadioRA 2 appliance module
- Wireless repeaters (up to 4)
- Sivoia QS Triathalon and Sivoia QS Wireless roller shades, drapery track, Kirbé, and Roman shade systems
- Radio Powr Savr occupancy / vacancy sensors

[1] RadioRA 2 dimmers, switches, and fan controls purchased prior to January 2014 or with a date code of Y01 may not be compatible. For specific dates for each compatible model please see Lutron Application Note #668 (P/N 048668) at www.lutron.com

[2] Only designer opening RadioRA 2 dimmers are compatible with the RA2 Select main repeater with OvrC. GRAFIK T RadioRA 2 dimmers are not compatible with the RA2 Select main repeater with OvrC.

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)

Power

- 5 V⎓ 300 mA
- Power Supply (included): 5 V⎓ 550 mA, cable length 6 ft (1.83 m)

Typical Power Consumption

- RA2 Select main repeater with OvrC: 1.3 W
- Test Conditions: LED on, Ethernet cable plugged in, powered by the 5 V⎓ 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 located within 60 ft (18 m) of another repeater
- System devices operate on frequencies between 431.0 MHz to 437.0 MHz
- Internet connection required for initial setup, to maintain system date/time, receive periodic firmware updates, and for remote access

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
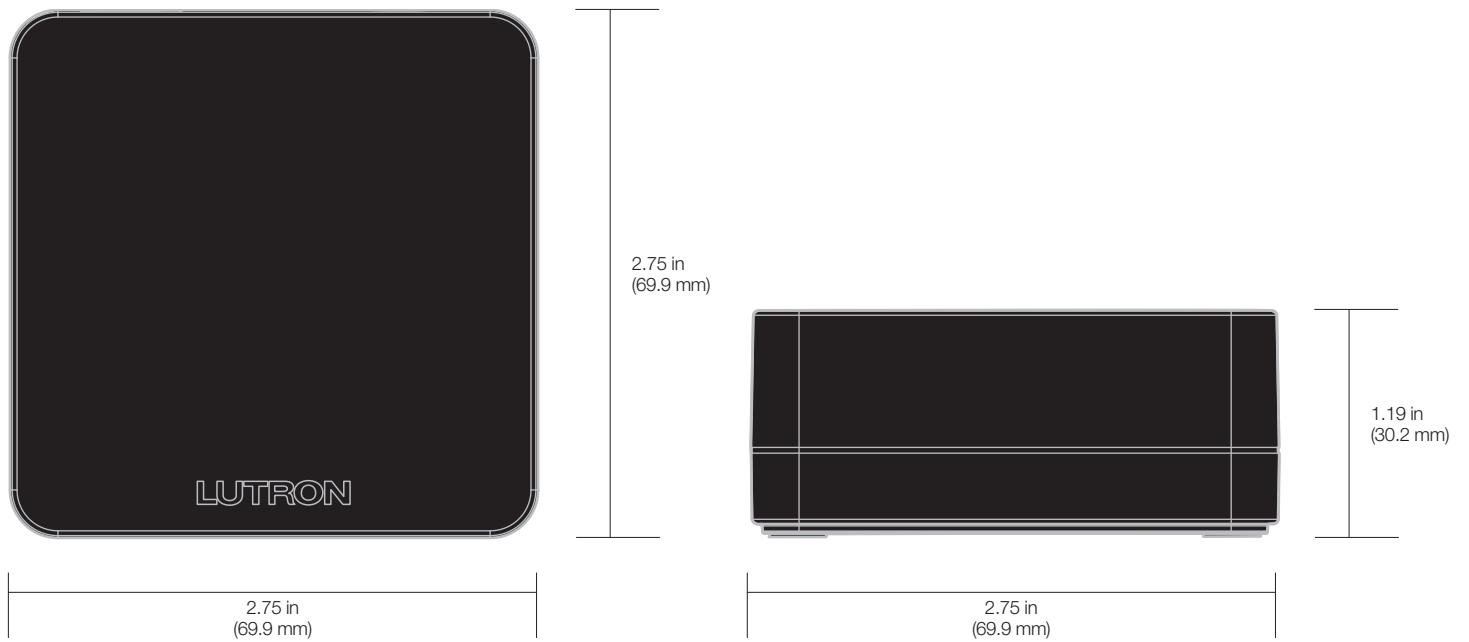
Power Failure Memory

- Should power be interrupted, the RA2 Select main repeater with OvrC will return to its previous state when power is restored

Connections

- Ethernet: 3 ft (0.92 m) cable included (for internet and Lutron App connection)
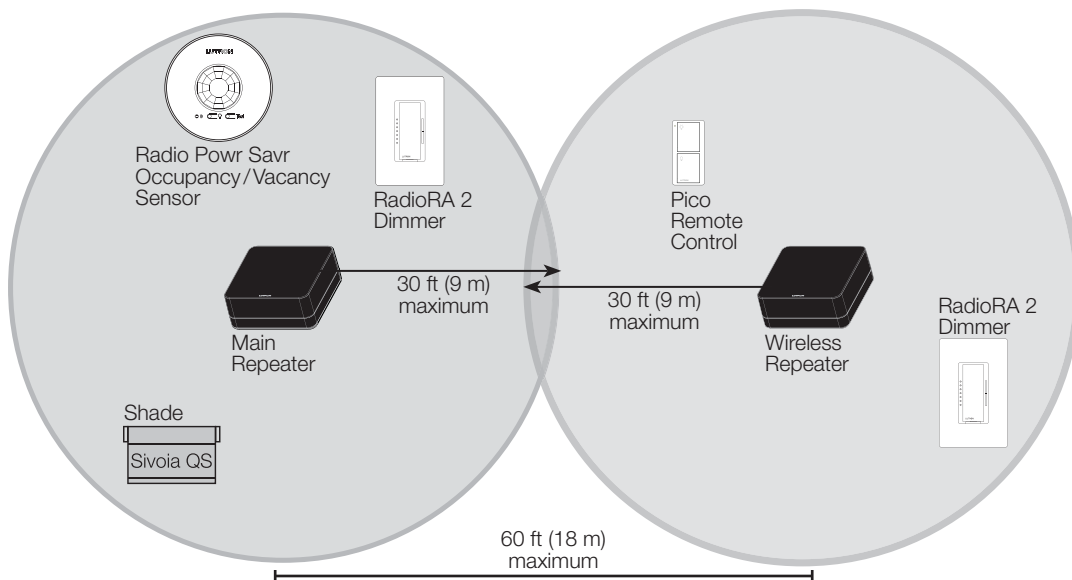- USB (power only)

Job Name:	Model Numbers:
Job Number:	

Dimensions

2.75 in
(69.9 mm)

2.75 in
(69.9 mm)

1.19 in
(30.2 mm)

2.75 in
(69.9 mm)

Job Name:	Model Numbers:
Job Number:	

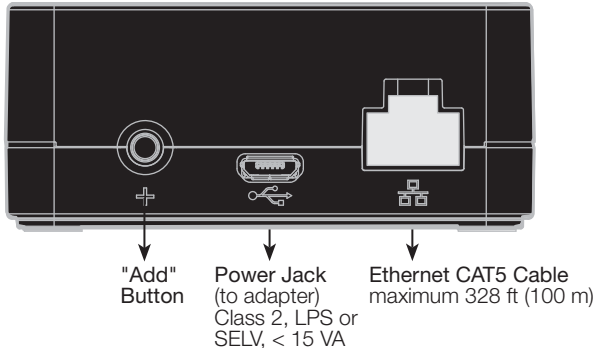## RF Range

All devices must be located within 30 ft (9 m) of a repeater. The range can be extended with up to 4 Lutron wireless repeaters (L-REPPRO).

Connections

Back View

"Add" Button

Power Jack (to adapter) Class 2, LPS or SELV, < 15 VA

Ethernet CAT5 Cable maximum 328 ft (100 m)

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Job Name:	Model Numbers:
Job Number:	