RadioRA3

Standard Keypad

044423 Rev A
03/2025

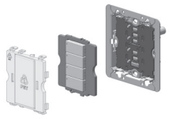
Please read before installing.

English

RRE-WSS-1
RR-WS
220 – 240 V~ 50/60 Hz 1 mA

Included Components

Bulk Keypad
Mounting Plate[1]
Button Kit[2]
Construction Cover
Mounting Screws



[1]When Included
[2]For RR-WS only

Help

RA3 Support Center
For additional support with installing, programming, and troubleshooting

lutron.com/RA3support

Europe: **+44.(0)20.7702.0657**
Indonesia: **001.803.011.3994**
KSA: **140.025.05512**
Singapore: **800.120.4491**
Thailand: **001.800.120.665853**
UAE: **+800.031.10102**
India: **000800.050.1992**
U.S.A./Canada: **1.844.LUTRON1**
Mexico: **+1.888.235.2910**
Other Countries (toll): **+971600521581**

www.lutron.com/support

Limited Warranty:
https://assets.lutron.com/a/documents/intl_warranty.pdf

CE

Hereby, Lutron Electronics Co., Inc. declares that the radio equipment type RRE-WSS-1 and RR-WS are in compliance with Directive 2014/53/EU

The full text of the EU declaration of conformity is available at the following internet address: lutron.com/cedoc

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LUTRON

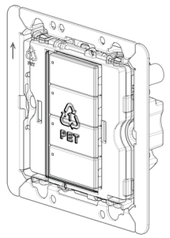
1 Turn OFF power at circuit breaker or remove fuse

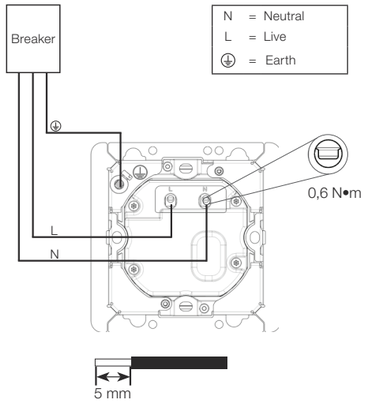


WARNING: SHOCK HAZARD.
May result in serious injury or death. Always isolate the mains power supply or remove fuse before servicing or installing.

2 Wiring

Connect the wires using the diagram.

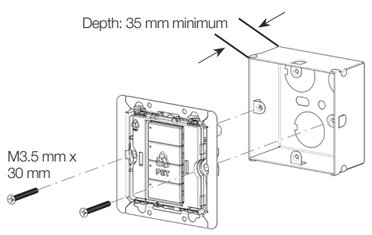




Products must be installed in accordance with the latest building and wiring regulations.

Note: Terminals are designed for one wire per terminal only.

3 Mounting

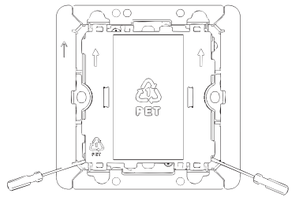


Mount the keypad to the backbox using the horizontally located screw holes only as shown.



Wallplate installation instructions are included with the wallplate. Replace construction cover with wallplate after construction has been completed.

4 Removing the Construction Cover

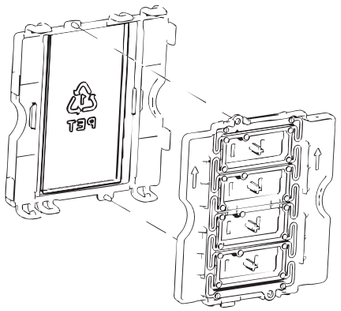


If the keypad already has a button kit installed (RR-WS), skip to step 7.

If the keypad does not have a button kit installed (RRE-WSS-1), follow the instructions below to install the button kit (button kit is sold separately).

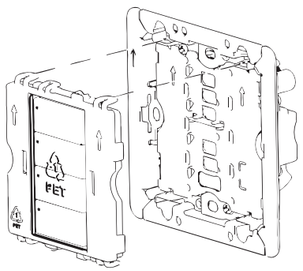
Use a screwdriver or other tool to pry free the corners of the construction cover and remove the construction cover from the keypad.

5 Adding the Button Kit



Snap the construction cover onto the button kit.

6 Adding the Construction Cover to the Keypad



Snap the construction cover onto the keypad, engaging the top two snaps first and then the bottom two.

Replace the construction cover with the wallplate after construction has been completed.

Note: Wallplate installation instructions are included with the wallplate.

7 Turn ON power at circuit breaker or install fuse



8 System setup

This keypad must be used in a RadioRA 3 system with a processor for control of dimmers, switches, and shades.
Use the RadioRA 3 programming software to setup the system (training is required to access the software).
Do not attempt to program a keypad if the keypad does not have a button kit installed.

IMPORTANT

1. Install in accordance with all national and local electrical codes.
2. For indoor use only between 0 °C and 40 °C; 0%–90% humidity, non-condensing.

Return to Factory Settings

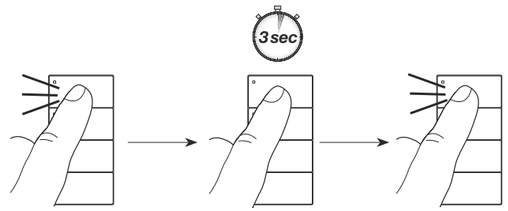
Note: Returning a keypad to its factory settings will remove the keypad from the system and erase all programming.

Step 1: Triple tap the top button on the keypad. DO NOT release after third tap.

Step 2: Keep the button pressed on the third tap until all the status LEDs start to flash slowly (approximately 3 seconds).

Step 3: Immediately release the button and triple tap the button again. The status LEDs on the keypad will flash quickly.

The keypad has now been returned to its factory settings.



Troubleshooting

Symptom	Cause	Action
Status LEDs on the keypad don't light up when buttons on it are pressed.	Power not present at keypad	Circuit breaker OFF or fuse is faulty. Turn ON breaker or replace fuse
	Incorrect wiring	Check the wiring against Step 2 of the instructions
A specific dimmer, switch or shade/drapery is not controlled when a button is pressed on the keypad.	The dimmer, switch or shade/drapery is not assigned to the keypad	Refer to the RadioRA 3 programming software and ensure the device is assigned to the keypad. Perform a transfer and make sure it is successful
	Failure has occurred on the lamp(s) controlled by the dimmer/switch	Replace the lamp(s)
	There is no power to the dimmer, switch, shade/drapery	Ensure that the device i s powered
	Devices are out of range	Ensure the device is placed within 6 m of two additional compatible wireless devices
Dimmer, switch or shade/drapery does not go to the desired level or position when a button on the keypad is pressed.	The button was not programmed correctly	Refer to the RadioRA 3 programming software and ensure the device is assigned to the keypad. Perform a transfer and make sure it is successful
	Devices are out of range	Ensure the device is placed within 6 m of two additional compatible wireless devices
All status LEDs on the keypad flash when any button is pressed.	The keypad is in the Factory Settings mode and has not been configured to work in a system	Refer to the RadioRA 3 programming software and ensure the device is assigned to that keypad. Perform a transfer and make sure it is successful

Note: Refer to the system setup guide for additional troubleshooting suggestions.