LUTRON RR-PROC3-KIT All-in-One Processor Kit User Guide

```
LUTRON RR-PROC3-KIT All-in-One

Processor Kit User Guide
```

RadioRA 3 │ Product Reference Guide

RadioRA 3 was developed to work in any residence, new or existing. Easily install keypads, sensors, light, fan, temperature, and appliance controls, as well as shades to create a system that will best suit your needs. And you don't have to worry about the type of lighting in the home, either. Whether you have LED, halogen, incandescent, electronic low-voltage, magnetic low-voltage, or fluorescent lights, RadioRA 3 will provide the control you need.

Behind the scenes

Wireless repeater

L-REPPRO-BL

Processor

RR-PROC3-KIT
(includes PoE injector, shelf
mount, and ethernet cables)
RR-PROC3-CW
(includes ceiling and wall mounts)

Shelf Mount

L-SMNT-WH

Auxiliary Repeater

Repeater Status
• P • 1 • 2 • 3 • 4

Communication
• RF   • Wired

Setup
        Test   Activate
          ⊙   ⊙

LUTRON

Power   Repeater Link
9 V   COM 24 V MUX MUX
            1   2   3   4

Auxiliary repeater

RR-AUX-REP-WH

PoE injector

L-POEI-BL (120V)

Ceiling Mount

L-CMNT-WH

Visor Control Receiver

Inputs   Security Input
        • ⊙   Full   • ⊙
        • ⊙   Flash • ⊙

Outputs   Keypad
        • ⊙   • ⊙
        • ⊙   • ⊙
        • ⊙   • ⊙
        • ⊙   • ⊙

Visor Transmitter
Learn   • ⊙   • ⊙

LUTRON
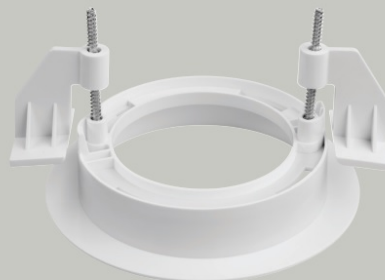
Power   Inputs   Outputs
9V DC   1 2 Full C   1 C 2 C   3 C 4 C
               Flash

JBOX Wall Mount

L-JMNT-WH

Visor control receiver

RR-VCRX-WH

Keypads

Sunnata RF Keypads*†

RRST-W4B-XX (4-button)
RRST-W3RL-XX (3-button with raise/lower)
RRST-W2B-XX (2-button)
STBK-W (replacement button kit, orderable through my Projects)


SeeTouch Wall-mounted keypads*†

RRD-W1RLD-XX (3-button, 2-button with raise/lower, dual group)
RRD-W2RLD-XX (2-button with raise/lower, dual group)
RRD-W3BD-XX (3-button, dual group)
RRD-W3BRL-XX (3-button group with raise/lower)

RRD-W3S-XX (3-button favorite scene with raise/lower)
RRD-W3BSRL-XX (3-button spaced with raise/lower)
RRD-W4S-XX (4-button favorite scene with raise/lower)
RRD-W5BRL-XX (5-button with raise/lower)
RRD-W5BRLIR-XX (5-button with raise/lower and IR)
RRD-W6BRL-XX (6-button with raise/lower)
RRD-W7B-XX (7-button)
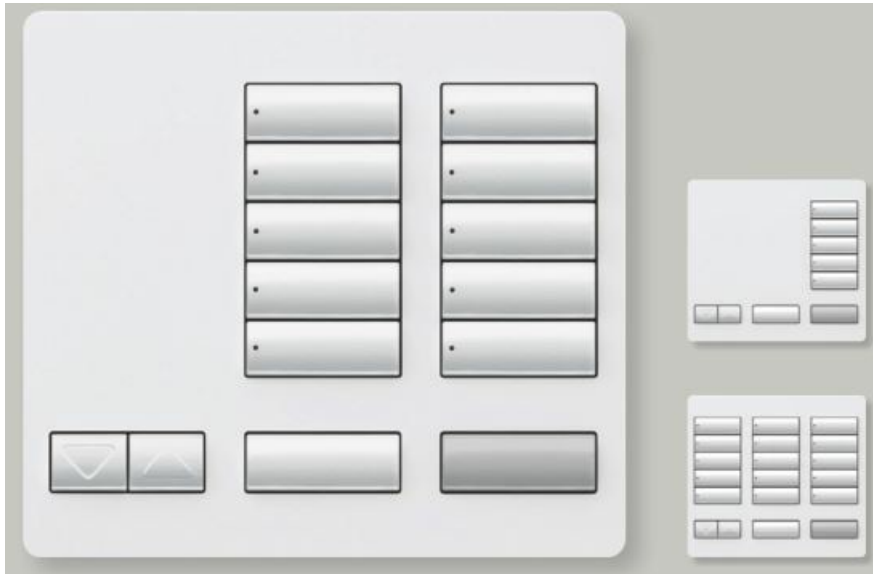
SeeTouch Tabletop keypads*
RR-T5RL-XX (5-button)
RR-T10RL-XX (10-button)
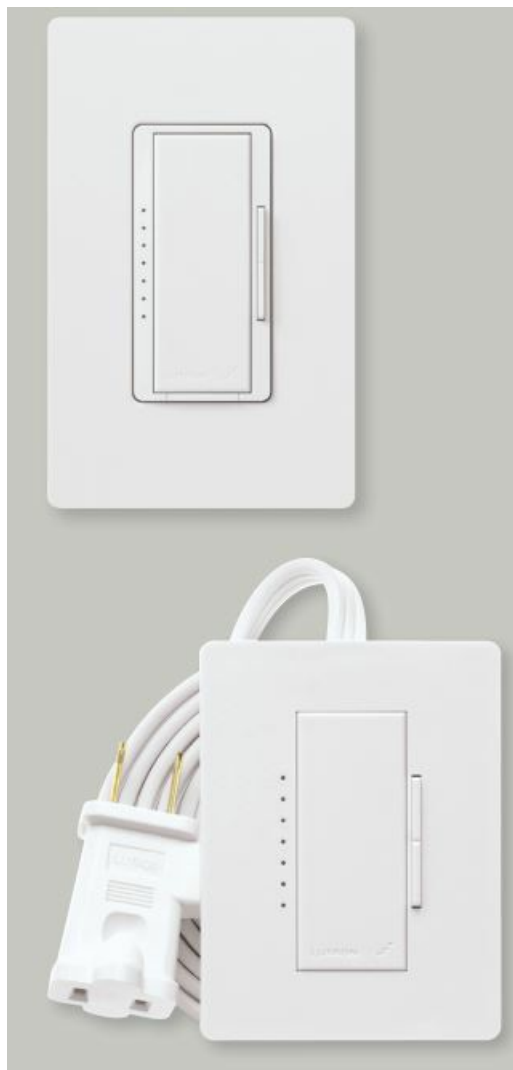RR-T15RL-XX (15-button)

Light and fan controls

Dimmers and switches Sunnata*†
RRST-PRO-N-XX (RF Dimmer with PRO LED+)
RRST-RD-XX (RF Companion Dimmer)
RRST-8ANS-XX (RF Switch)
RRST-RS-XX (RF Companion Switch)

Dimmers and switches Maestro†
RRD-PRO-XX (250 W LED, 500 W INC/HAL/ELV,
400 VA MLV phase selectable, neutral optional dimmer)
RRD-6ND-XX (150 W LED, 600 W/VA INC/HAL/MLV neutral dimmer)
RRD-10ND-XX (150 W LED, 1000 W/VA INC/HAL/MLV neutral dimmer)
RRD-8ANS-XX (8 A neutral switch)
RRD-8S-DV-XX (dual-voltage 8 A switch)
RRD-F6AN-DV-XX (dual-voltage 3-wire control dimmer)
RD-RD-XX (remote dimmer)
RD-RS-XX (remote switch)
RD-RD-277-XX (277 V remote dimmer)
RD-RS-277-XX (277 V remote switch)
RRD-3LD-XX (300 W lamp dimmer)
RRD-PRO-XX (250 W LED, 500 W INC/HAL/ELV, 400 VA MLV phase selectable, neutral optional dimmer)
RRD-6ND-XX (150 W LED, 600 W/VA INC/HAL/MLV neutral dimmer)
RRD-10ND-XX (150 W LED,
1000 W/VA INC/HAL/MLV neutral dimmer)
RRD-8ANS-XX (8 A neutral switch)
RRD-8S-DV-XX (dual-voltage 8 A switch)
RRD-F6AN-DV-XX (dual-voltage 3-wire control dimmer)
RD-RD-XX (remote dimmer)
RD-RS-XX (remote switch)
RD-RD-277-XX (277 V remote dimmer)
RD-RS-277-XX (277 V remote switch)
RRD-3LD-XX (300 W lamp dimmer)

Hybrid keypads seeTouch**†
RRD-H1RLD-XX (3-button, 2-button with raise/lower, dual group)
RRD-H2RLD-XX (2-button with raise/lower, dual group)
RRD-H3BSRL-XX (3-button spaced with raise/lower)
RRD-H3S-XX (3-button favorite scene with raise/lower)
RRD-H4S-XX (4-button favorite scene with raise/lower)
RRD-H5BRL-XX (5-button with raise/lower)
RRD-H6BRL-XX (6-button with raise/lower

seeTouch C•L Neutral**†
RRD-HN1RLD-XX (3-button, 2-button with raise/lower, dual group)
RRD-HN2RLD-XX (2-button with raise/lower, dual group)
RRD-HN3BSRL-XX (3-button spaced with raise/lower)
RRD-HN3S-XX (3-button favorite scene with raise/lower)
RRD-HN4S-XX (4-button favorite scene with raise/lower)
RRD-HN5BRL-XX (5-button with raise/lower)
RRD-HN6BRL-XX (6-button with raise/lower)

Fan control†
RRD-2ANF-XX
(2 A RF ceiling fan control,
4 speeds plus off, multi-location

RF modules*
LMJ-16R-DV-B (Softswitch relay)
LMJ-5T-DV-B (0 –10 V dimming)
LMJ-CCO1-24-B (contact closure output)

* Includes one personalized button kit that is redeemed through the Lutron Designer software
† Wallplate sold separately
Note: XX denotes color suffix

Visit **lutron.com** for up-to-date gloss and satin finish color information

Wireless controls

Pico wireless controls
PJ2-2B-YXX-L01 (light icons)
PJ2-2B-YXX-S08 (screen text)
PJ2-2B-YXX-L02 (power icons)
PJ2-2BRL-YXX-L01 (light icons)
PJ2-3B-YXX-L01 (light icons)
PJ2-3BRL-YXX-L01 (light icons)
PJ2-3BRL-YXX-S01 (shade icons)
PJ2-3BRL-YXX-S02 (shade text)
PJ2-3BRL-YXX-S03 (blackout text)
PJ2-3BRL-YXX-S04 (sheer text)
PJ2-3BRL-YXX-S05 (blind text)
PJ2-3BRL-YXX-S06 (skylight text)
PJ2-3BRL-YXX-S07 (drapery text)
PJ2-3BRL-YXX-S09 (horizontal sheer blind text)
PJ2-3BRL-YXX-S10 (tilt blind icons)

Pico 4-button wireless controls
PJ2-4B-YXX-L01 (zone control, light icons)
PJ2-4B-YXX-S01 (zone control, shade icons)
PJ2-4B-YXX-L31 (scene keypad, light icons)
PJ2-4B-YXX-S31 (scene keypad, shade icons)
PJ2-4B-YXX-L21 (2-group control, light icons)
PJ2-4B-YXX-S21 (2-group control, shade icons)
PJ2-4B-YXX-LS21 (2-group control, shade/light icons)

Pico scene keypads

PJ2-2B-YXX-P01 (2-button keypad with Home and Away scenes)
PJ2-2B-YXX-P02 (2-button keypad with Alert and Goodnight scenes)
PJ2-4B-YXX-P01 (4-button keypad with Bright, Entertain, Movie, and Off scenes)
PJ2-4B-YXX-P02 (4-button keypad with Bright, Cooking, Dining and Off scenes)
PJ2-4B-YXX-P03 (4-button keypad with Bright, Entertain, Relax, and Off scenes)

Custom-printed 4-button Pico wireless controls

PJ2-4B-YXX-EL1 (light control with raise/lower, zone/ standalone keypad)
PJ2-4B-YXX-ES1 (shade control with raise/lower, zone/ standalone keypad)
PJ2-4B-YXX-EL2 (light control scene keypad only)
PJ2-4B-YXX-ES2 (shade control scene keypad only)

Pico wireless controls with nightlight

PJN-2B-GXX-L01 (light icons)
PJN-3BRL-GXX-L01 (light icons)

Pico remote for fans
PJ2-3BRL-YXX-F01 (fan icons)

Pico remote for audio
PJ2-3BRL-YXX-A02 (audio text/icons)

Pedestals for Pico wireless controls
L-PED1-XX (single pedestal)
L-PED2-XX (double pedestal)
L-PED3-XX (triple pedestal)

Note:
Y denotes finish: "G" for Gloss or "T" for Satin Finish XX denotes color suffix

Visit **lutron.com** for up-to-date gloss and satin finish color information

Sensors

Ceiling-mount
Radio Powr Savr wireless occupancy/vacancy sensors
LRF2-OCR2B-P-WH
LRF2-VCR2B-P-WH

Corner-, wall-, hall-mount
Radio Powr Savr wireless occupancy/vacancy sensors
LRF2-OKLB-P-WH (corner-mount)
LRF2-VKLB-P-WH (corner-mount)

LRF2-OWLB-P-WH (wall-mount)
LRF2-VWLB-P-WH (wall-mount)
LRF2-OHLB-P-WH (hall-mount)
LRF2-VHLB-P-WH (hall-mount)

Plug-in modules

Plug-in dimming module
RR-3PD-1-SW (Snow White)
RR-3PD-1-MN (Midnight)

Plug-in appliance module
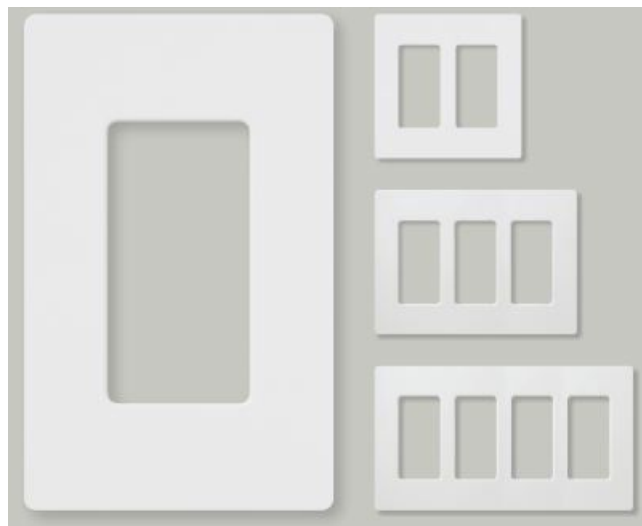RR-15APS-1-SW (Snow White)
RR-15APS-1-MN (Midnight)

Visit **lutron.com** for up-to-date gloss and satin finish color information
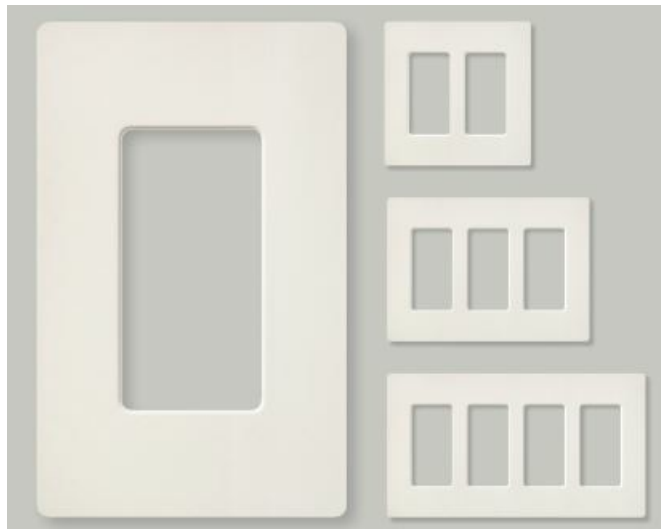
Temperature controls

Lutron Wireless Thermostat
L-HWLV2-WIFI

Wallplates

Claro Wallplates
CW-1-XX
CW-2-XX
CW-3-XX
CW-4-XX

Satin Wallplates
SC-1-XX
SC-2-XX
SC-3-XX
SC-4-XX

Accessories

Designer Accessories (Gloss)†
CA-6PF-XX (field customizable multi-port frame)
CA-CJ-XX (single cable jack)
CA-PJ-XX (single telephone jack)
CAR-15-GFST-XX (15 A GFCI tamper-resistent, self-testing receptacle)
CAR-15-XX (15 A receptacle)
CAR-15-DDTR-XX (15 A dual dimmable tamper- resistant receptacle)
CAR-15-HDTR-XX (15 A half dimmable tamper- resistant receptacle)
CAR-20-DDTR-XX (20 A dual dimmable tamper- resistant receptacle)
CAR-20-HDTR-XX (20 A half dimmable tamper- resistant receptacle)
CARS-15-TR-XX (15 A tamper-resistant receptacle)
CAR-15-UBTR-XX (15 A dual USB tamper-resistant receptacle)
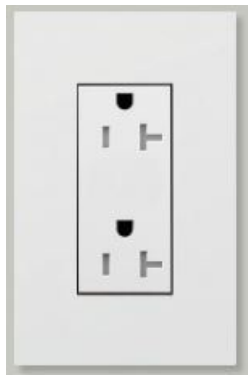
New Architectural Accessories†
LTR-F15-TR-XX (15 A duplex tamper-resistant receptacle)
LTR-F20-TR-XX (20 A duplex tamper-resistant receptacle)
LTR-F15-UBTR-XX (15 A USB tamper-resistant receptacle)

Designer Accessories (Satin)†
SC-6PF-XX (field customizable multi-port frame)
SC-CJ-XX (single cable jack)
SC-PJ-XX (single telephone jack)
SCR-15-GFST-XX (15 A duplex tamper-resistant, self-testing GFCI receptacle)
SCR-15-XX (15 A receptacle)
SCR-20-XX (20 A receptacle)
SCR-20-GFST-XX (20 A duplex tamper-resistant self-testing GFCI receptacle)
SCRS-15-TR-XX (20 A duplex tamper-resistant self-testing GFCI receptacle)
SCRS-20-TR-XX (20 A duplex tamper- resistant receptacle)
SCR-15-DDTR-XX (15 A dual dimmable tamper- resistant receptacle)
SCR-15-HDTR-XX (15 A half dimmable tamper- resistant receptacle)
SCR-20-DDTR-XX (20 A dual dimmable tamper- resistant receptacle)
SCR-20-HDTR-XX (20 A half dimmable tamper- resistant receptalce)
SCR-15-UBTR-XX (15 A dual USB tamper- resistant receptacle)

Shades

Roller shades*

Honeycomb shades*

Roman shade systems

Wood blinds*

* Battery-powered option available

Horizontal sheer blinds

Drapery track systems

Kirbé vertical drapery system

Tensioned shades

Notes

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

☼LUTRON

Contents

Documents / Resources

	LUTRON RR-PROC3-KIT All-in-One Processor Kit [pdf] User Guide RR-PROC3-KIT, RR-PROC3-CW, RRST-W4B-XX, RRST-W3RL-XX, RRD-W1RLD-XX, RRD-W2RLD-XX, RRD-W3BD-XX, RRD-W3BRL-XX, RRD-W3S-XX, RRD-W3BSRL-XX, RRD-W4S-XX, RRD-W5BRL-XX, RRD-W5BRLIR-XX, RRD-W6BRL-XX, RRD-W7B-XX, RR-PROC3-KIT All-in-One Processor Kit, All-in-One Processor Kit, Processor Kit, Kit

References

- ☀ **Lutron: Beautiful light. Intelligent Shades. Powerful Controls**
- ☀ **Homeowners | RadioRA 3 by Lutron**
- ☀ **lutron.com/trademarks**

Manuals+,