

Product Reference Guide



RadioRA3

 LUTRON

Behind the scenes



The RadioRA 3 system 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, the RadioRA 3 system will provide the control you need.

Processor



RR-PROC3-KIT
(includes PoE injector, shelf mount, and ethernet cables)

RR-PROC3-CW
(includes ceiling and wall mounts)

PoE injector



L-POEI-BL (120V)

Wireless repeater



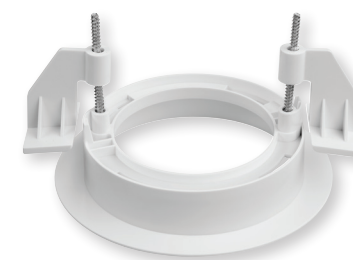
L-REPRO-BL

Shelf-mount



L-SMNT-WH

Ceiling-mount



L-CMNT-WH

J-box-mount



L-JMNT-WH

Auxiliary repeater



RR-AUX-REP-WH

Visor control receiver



RR-VCRX-WH

Easy closed contact integration option

Lumaris tunable white tape light



Components

Buy everything together in a convenient starter kit, or order as individual parts.

Starter kits include the following components

- Wireless controller with mounting clip
- Tape light (16.4 ft [5 m])
- Plug-in power supply
- Wire/tape connectors (5-pack)
- 3-conductor cable (10 ft [3 m])

Wireless controller



RRL-TLK-DL
(RadioRA 3 wireless controller)

RRL-TLK-SW
(includes wireless controller with mounting clip, soft white tape light, plug-in power supply, and 3-conductor cable)

RRL-TLK-DL
(includes wireless controller with mounting clip, daylight tape light, plug-in power supply, and 3-conductor cable)

Tape light



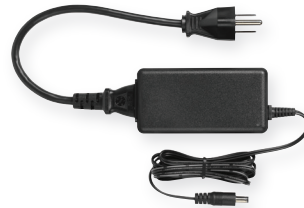
LU-T05-SW
(16.4 ft [5 m] Soft White tape light – 1800K-3000K reel)

LU-T30-SW
(98.4 ft [30 m] Soft White tape light – 1800K-3000K reel)

LU-T05-DL
(16.4 ft [5 m] Daylight tape light – 2500K-5000K reel)

LU-T30-DL
(98.4 ft [30 m] Daylight tape light – 2500K-5000K reel)

Power supplies



LU-PS1-BL
(Plug-in power supply)



LU-PH3-A
(Hard-wired power interface)

3-conductor cable



LU-WK1-TW
(50 ft [15.2 m])

Wire/tape connectors

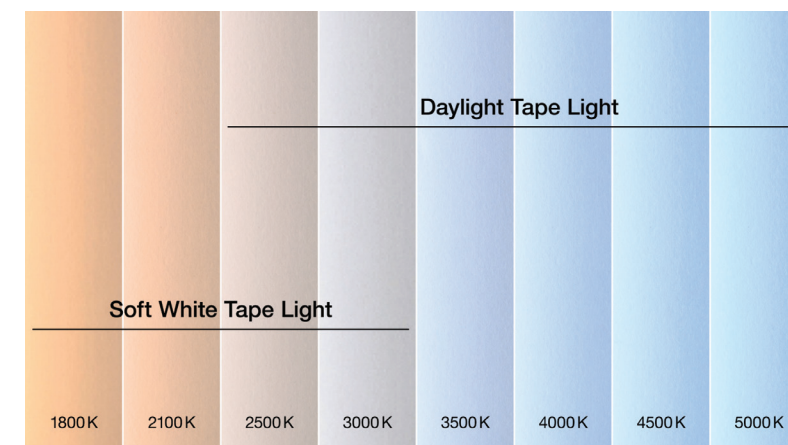


LU-CK1-TW
(10-pack)

Controller mounting clips



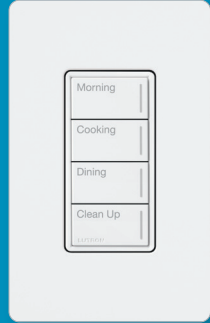
LU-MK1
(20-pack)



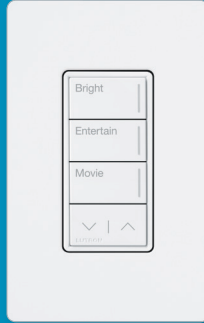
Choose the tape with the desired temperature range, Soft White (1800K–3000K) or Daylight (2500K–5000K), and adjust via keypad preset control, automatically throughout the day (Day/Night mode in RadioRA 3), and/or via Warm Dim.

Keypads

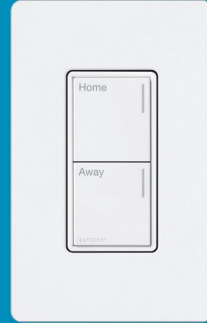
Sunnata RF keypads*†



RRST-W4B-XX
(4-button)



RRST-W3RL-XX
(3-button with raise/lower)



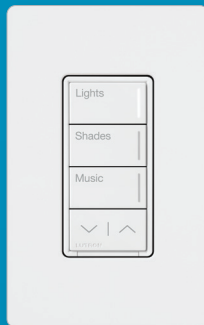
RRST-W2B-XX
(2-button)

STBK-W-XX
(replacement button kit,
orderable through myProjects)

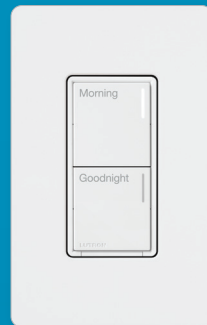
Sunnata RF hybrid keypads*†



RRST-HN4B-XX
(4-button)



RRST-HN3RL-XX
(3-button with raise/lower)



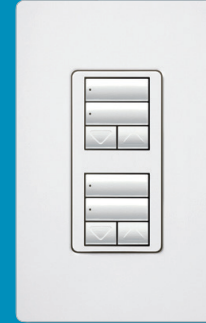
RRST-HN2B-XX
(2-button)

STBK-H-XX
(replacement button kit,
orderable through myProjects)

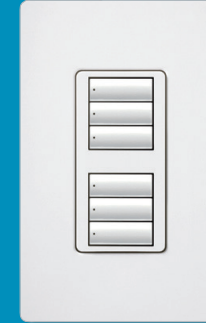
seeTouch wall-mounted keypads*†



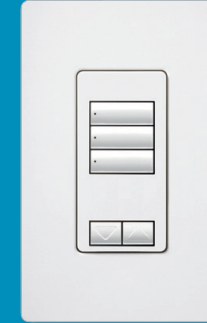
RRD-W1RLD-XX
(3-button, 2-button with
raise/lower, dual group)



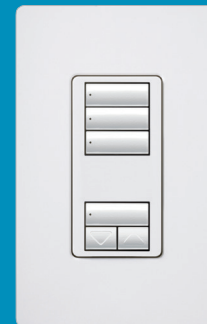
RRD-W2RLD-XX
(2-button with raise/
lower, dual group)



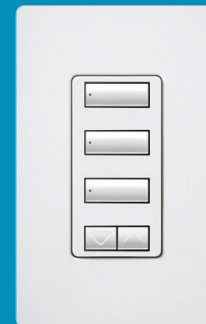
RRD-W3BD-XX
(3-button, dual group)



RRD-W3BRL-XX
(3-button group with
raise/lower)



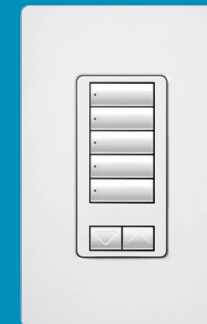
RRD-W3S-XX
(3-button favorite
scene with raise/lower)



RRD-W3BSRL-XX
(3-button spaced
with raise/lower)



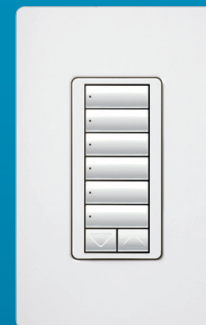
RRD-W4S-XX
(4-button
favorite scene
with raise/lower)



RRD-W5BRL-XX
(5-button with
raise/lower)



RRD-W5BRLIR-XX
(5-button with
raise/lower & IR)



RRD-W6BRL-XX
(6-button with
raise/lower)



RRD-W7B-XX
(7-button)

* Includes one personalized button kit that is redeemed through the Lutron Designer software

† Wallplate sold separately.

Note: XX denotes color suffix

* 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.

Keypads

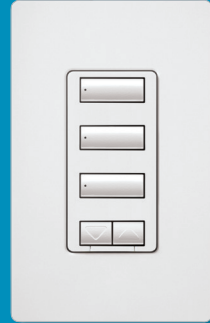
seeTouch C-L neutral hybrid keypad†



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)

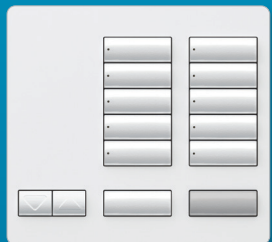


RRD-HN6BRL-XX
(6-button with raise/lower)

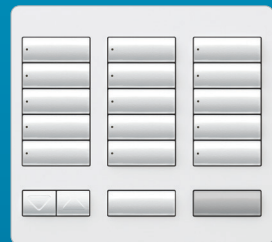
seeTouch tabletop keypads*



RR-T5RL-XX
(5-button)



RR-T10RL-XX
(10-button)



RR-T15RL-XX
(15-button)

*Includes one personalized button kit that is redeemed through the Lutron Designer software

†Wallplate sold separately.

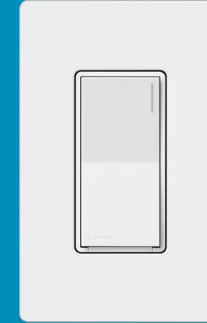
Note: XX denotes color suffix

Dimmers and switches

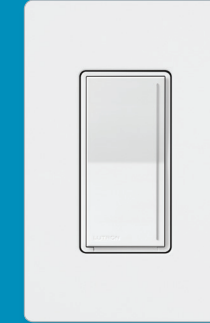
Sunnata†



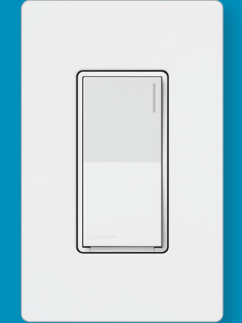
RRST-PRO-N-XX
(RF Dimmer with PRO LED+)



RRST-8ANS-XX
(RF Switch)



RRST-RD-XX
(RF Companion Dimmer)



RRST-RS-XX
(RF Companion Switch)



†Wallplate sold separately.

Note: XX denotes color suffix

Visit lutron.com for up-to-date Gloss and Satin Finish color information.

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)



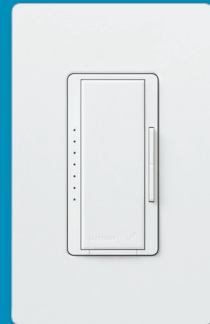
RRD-8S-DV-XX
(dual-voltage 8 A switch)



RD-RD-XX
(remote dimmer)
RD-RD-277-XX
(277 V remote dimmer)



RD-RS-XX
(remote switch)
RD-RS-277-XX
(277 V remote switch)



RRD-F6AN-DV-XX
(dual-voltage 3-wire
control dimmer)

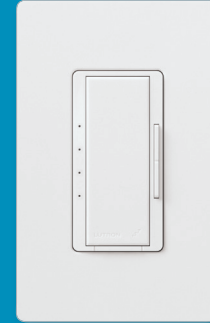


RRD-3LD-XX
(300 W lamp dimmer)

†Wallplate sold separately.
Note: XX denotes color suffix

Fan control and RF modules

Maestro†

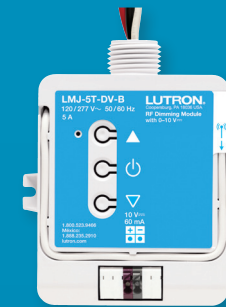


RRD-2ANF-XX
(2 A RF ceiling fan control,
4 speeds plus off, multi-location)

RF Modules



LMJ-16R-DV-B
(Softswitch relay)



LMJ-5T-DV-B
(0–10 V dimming)



LMJ-CCO1-24-B
(contact closure output)

†Wallplate sold separately.
Note: XX denotes color suffix
Visit lutron.com for up-to-date Gloss and Satin Finish color information.

Wireless controls

Pico original remotes for lights



PJ2-2B-YXX-L01
(light icons)



PJ2-2BRL-YXX-L01
(light icons)



PJ2-3B-YXX-L01
(light icons)



PJ2-3BRL-YXX-L01
(light icons)

Pico paddle remote for lights



PJ2-P2B-GWH

Pico remotes with nightlight for lights



PJN-2B-GWH-L01
(light icons)



PJN-3BRL-GWH-L01
(light icons)

Note: LEDs shown brighter than they actually appear.

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

Pico original remotes for shades



PJ2-2BRL-YXX-S01
(shade icons)



PJ2-3BRL-YXX-S01
(shade icons)



PJ2-3BRL-YXX-S02
(shade text/icons)



PJ2-3BRL-YXX-S03
(blackout text/icons)



PJ2-3BRL-YXX-S04
(sheer text/icons)



PJ2-3BRL-YXX-S05
(tilt blind text/icons)



PJ2-3BRL-YXX-S06
(skylight text/icons)



PJ2-3BRL-YXX-S07
(drapery text/icons)



PJ2-3BRL-YXX-S09
(horizontal sheer
blind text/icons)

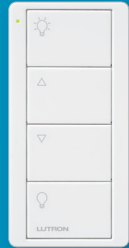


PJ2-3BRL-YXX-S10
(tilt blind icons)

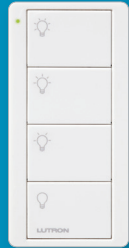
Note: Y denotes finish: "G" for Gloss or "T" for Satin Finish; XX denotes color suffix

Wireless controls

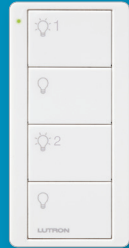
Pico remotes with 4 buttons (standard text/icons)



PJ2-4B-YXX-L01
(zone control, light icons)



PJ2-4B-YXX-L31
(scene keypad, light icons)



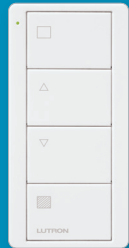
PJ2-4B-YXX-L21
(2-group control, light icons)



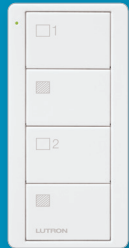
PJ2-4B-YXX-L41
(4-group toggle)



PJ2-4B-YXX-LS21
(2-group, light/shade icons)



PJ2-4B-YXX-S01
(zone control, shade icons)



PJ2-4B-YXX-S21
(2-group control, shade icons)



PJ2-4B-YXX-S31
(scene keypad, shade icons)

Pico remotes with 4 buttons (custom text)



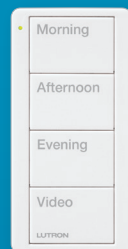
PJ2-4B-YXX-EL1
(light control with raise/lower, zone/standalone keypad)



PJ2-4B-YXX-ES1
(shade control with raise/lower, zone/standalone keypad)

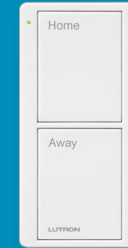


PJ2-4B-YXX-EL2
(light control scene keypad only)

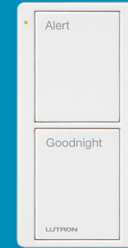


PJ2-4B-YXX-ES2
(shade control scene keypad only)

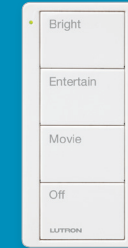
Pico scene keypads



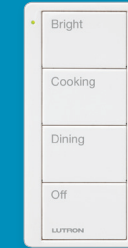
PJ2-2B-YXX-P01
(2-button keypad with Home and Away scenes)



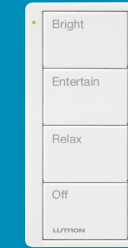
PJ2-2B-YXX-P02
(2-button keypad with Alert and Goodnight scenes)



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)

Pico smart remote for audio control



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

Easily integrate popular audio brands, such as Sonos and Bang & Olufsen, with the RadioRA 3 system.

Pico smart remote for fan control



PJ2-3BRL-YXX-F01
(fan icons)

Pico pedestals

Pico remote pedestals



L-PED1-XX
(single pedestal)



L-PED2-XX
(double pedestal)



L-PED3-XX
(triple pedestal)

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)

Outdoor plug-in switch



RR-15OUT-BL

Sensors and temperature control

Radio Powr Savr wireless occupancy / vacancy sensors



LRF2-OCR2B-P-WH
(ceiling-mount)
LRF2-VCR2B-P-WH
(ceiling-mount)



LRF2-OKLB-P-WH
(corner-mount)
LRF2-VKLB-P-WH
(corner-mount)

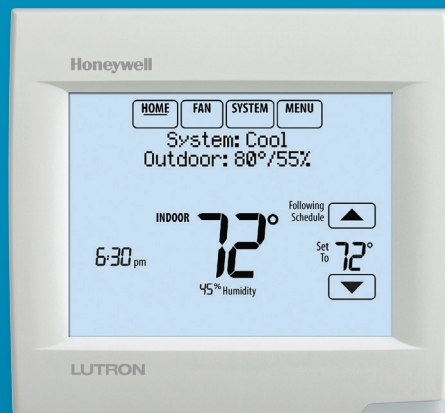


(top view)

LRF2-OWLB-P-WH
(wall-mount)
LRF2-VWLB-P-WH
(wall-mount)

LRF2-OHLB-P-WH
(hallway)
LRF2-VHLB-P-WH
(hallway)

Lutron wireless thermostat



L-HWLV2-WIFI

Accessories

Wallplates (Gloss** and Satin†)



CW-1-XX**
SC-1-XX†



CW-2-XX**
SC-2-XX†



CW-3-XX**
SC-3-XX†



CW-4-XX**
SC-4-XX†

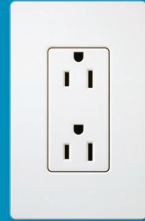
** Gloss color

† Satin Finish color

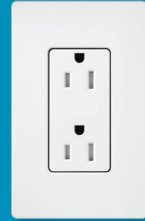
Visit lutron.com for up-to-date Gloss and Satin Finish color information.

Accessories

Designer accessories† (Gloss** and Satin‡)



CAR-15-XX**
SCR-15-XX‡
(15A receptacle)



CARS-15-TR-XX**
SCRS-15-TR-XX‡
(15A tamper-resistant receptacle)



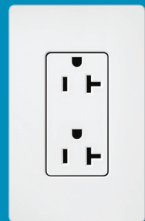
CA-6PF-XX**
SC-6PF-XX‡
(field customizable multi-port frame)



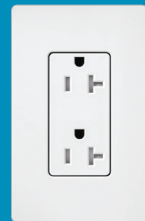
CA-PJ-XX**
SC-PJ-XX‡
(single telephone jack)



CA-CJ-XX†
SC-CJ-XX*
(single cable jack)



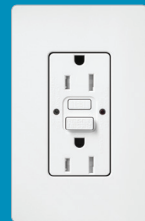
SCR-20-XX†
(20 A receptacle)
Available in Satin Finish only



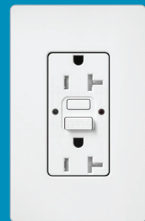
SCRS-20-TR-XX†
(20A duplex tamper-resistant receptacle)
Available in Satin Finish only



CAR-15-UBTR-XX**
SCR-15-UBTR-XX†
(15A dual USB tamper-resistant receptacle)



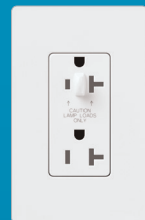
CAR-15-GFST-XX**
SCR-15-GFST-XX†
(15A GFCI tamper-resistant self-testing receptacle)



SCR-20-GFST-XX†
(20A duplex tamper-resistant self-testing GFCI receptacle)
Available in Satin Finish only



CAR-15-HDTR-XX**
SCR-15-HDTR-XX†
(15A half dimmable tamper-resistant receptacle)



CAR-20-HDTR-XX**
SCR-20-HDTR-XX†
(20A half dimmable tamper-resistant receptacle)



CAR-15-DDTR-XX**
SCR-15-DDTR-XX†
(15A dual dimmable tamper-resistant receptacle)



CAR-20-DDTR-XX**
SCR-20-DDTR-XX†
(20A dual dimmable tamper-resistant receptacle)

Shades



Exposed roller shades#



Roller shades#



Honeycomb shades#



Horizontal sheer blinds



Drapery track systems



Roman shade systems#



Wood blinds#



Kirbé vertical drapery system



Tensioned shades

Nearly all of Lutron's smart shade brands can be added to a RA3 system.

** Gloss color
‡ Satin Finish color
† Wallplate sold separately.
Note: XX denotes color suffix

#Battery-powered option available
For shades ordering information, call 1.800.446.1503.



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Customer Assistance

Online: lutron.com/help | Email: support@lutron.com | Phone: 1.844.LUTRON1 (588.7661) — includes 24/7 technical support

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