

## RadioRA 2 Maestro® Local Controls

RadioRA 2 Maestro local controls function much like standard dimmers and switches, but can be controlled as part of a lighting control system. Local lighting controls are useful in locations where single circuits of lighting need to be dimmed or switched.

RadioRA 2 Maestro dimmers incorporate advanced features such as fade on/fade off, delayed long fade to off, and rapid full on.

RadioRA 2 Maestro local controls include a Front Accessible Service Switch (FASS™) for safe lamp replacement. RadioRA 2 Maestro local controls install in single-pole or multi-location applications. Remote dimmers/switches are available for multi-location control.

Use Lutron® Designer (Claro® or Satin Colors®) wallplates or designer-style wallplates from other manufacturers. Wallplates are sold separately. Lutron Claro and Satin Colors wallplates snap on with no visible means of attachment. RadioRA 2 Maestro local controls support color change kits.



Dimmer



Remote Dimmer



Switch



Remote Switch

### Model Numbers

#### Dimmers

Incandescent/Halogen/MLV (120 V~)

- RRD-6D-XX\* 600 W/600 VA Dimmer
- RRD-10D-XX\* 1000 W/1000 VA Dimmer
- RRD-10ND-XX\* 1000 W/1000 VA Neutral Wire Dimmer

Incandescent/Halogen/MLV/ELV (120 V~)

- RRD-6NA-XX\* 600 W/600 VA Neutral Wire Adaptive Dimmer

3-Wire Fluorescent/LED (120-277 V~)

- RRD-F6AN-DV-XX\* 6 A Neutral Wire Dimmer

#### Switches

Lighting and Motor Loads (120 V~)

- RRD-8ANS-XX\* 8 A Light, 1/4 HP 5.8 A Motor Neutral Wire Electronic Switch

Lighting and Motor Loads (120-277 V~)

- RRD-8S-DV-XX\* 8 A Light, 1/10 HP 3 A Motor Two-Wire Electronic Switch

#### Remotes (for multi-location installations)

- RD-RD-XX\* Remote Dimmer (120 V~)
  - RD-RS-XX\* Remote Switch (120 V~)
  - RD-RD-277-XX\* Remote Dimmer (277 V~)
  - RD-RS-277-XX\* Remote Switch (277 V~)
- Use only with -F6AN-DV  
Use only with -8S-DV

#### Color Change Kits

- RK-D-XX\* Dimmers (-6D, -10D, -10ND, -6NA, and -F6AN-DV)
- RK-S-XX\* Switches (-8ANS and -8S-DV)
- RK-AD-XX\* Remote Dimmers (-RD)
- RK-AS-XX\* Remote Switches (-RS)

\*RadioRA 2 Maestro local controls are available in 26 colors. Please see page 10 for color selections.

## RadioRA 2 Maestro® Local Controls

### Specifications

<b>Model Numbers</b>	Dimmer: RRD-6D-XX, RRD-10D-XX, RRD-10ND-XX, RRD-6NA-XX, RRD-F6AN-DV-XX Switch: RRD-8ANS-XX, RRD-8S-DV-XX Remote: RD-RD-XX, RD-RS-XX, RD-RD-277-XX, RD-RS-277-XX
<b>Power</b>	120 V~ 50/60 Hz (-6D, -10D, -10ND, -6NA, -8ANS, -RD, -RS) 120–277 V~ 50/60 Hz (-F6AN-DV, -8S-DV) 277 V~ 50/60 Hz (-RD-277, -RS-277)
<b>Typical Power Consumption</b>	Dimmer/Switch: 0.2 W Test conditions: load is off and nightlight mode is enabled. Remote Dimmer/Switch: 0 W Test conditions: load is off.
<b>Regulatory Approvals</b>	UL, CSA (all except -6NA), cUL (-6NA only), NOM, FCC, IC, COFETEL
<b>Environment</b>	Ambient operating temperature: 32 °F to 104 °F (0 °C to 40 °C), 0% to 90% humidity, non-condensing. Indoor use only.
<b>Communications</b>	Dimmers and switches communicate with the system through Radio Frequency (RF) and must be located within 30 ft (9 m) of a repeater. Remote dimmers/switches are not required to be within a specific range of a repeater. System devices operate on frequencies between 431.0 MHz and 437.0 MHz.
<b>ESD Protection</b>	Tested to withstand electrostatic discharge without damage or memory loss, in accordance with IEC 61000-4-2.
<b>Surge Protection</b>	Tested to withstand surge voltages without damage or loss of operation, in accordance with IEEE C62.41-1991 Recommended Practice on Surge Voltages in Low-Voltage AC Power Circuits.
<b>Power Failure</b>	Power failure memory: should power be interrupted, the control will return to its previous state when power is restored.
<b>Mounting</b>	Requires a U.S. wallbox. 3 1/2 in (89 mm) deep recommended, 2 1/4 in (57 mm) deep minimum.
<b>Wiring</b>	Uses conventional 3-way and 4-way wiring.
<b>Warranty</b>	1 Year Limited Warranty. <a href="http://www.lutron.com/resiinfo">http://www.lutron.com/resiinfo</a>

### Design Features

#### Dimmer

- On a single-tap, lights fade ON or OFF.
- On a double-tap, lights go to full ON.
- When ON, press and hold the tapswitch to engage the delayed long fade to OFF.
- Light levels can be fine-tuned by pressing and holding the dimming rocker until the desired light level is reached.
- Neutral and two-wire dimmers available.

#### Switch

- On a single-tap, lights or motors turn ON or OFF.
- Neutral and two-wire switches available.

## RadioRA 2 Maestro® Local Controls

### Colors and Finishes

#### Gloss Finishes



White  
WH



Ivory  
IV



Almond  
AL



Light  
Almond  
LA



Gray  
GR



Brown  
BR



Black  
BL

#### Satin Finishes



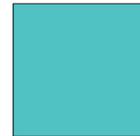
Hot  
HT



Merlot  
MR



Plum  
PL



Turquoise  
TQ



Taupe  
TP



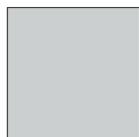
Eggshell  
ES



Biscuit  
BI



Snow  
SW



Palladium  
PD



Midnight  
MN



Sienna  
SI



Terracotta  
TC



Greenbriar  
GB



Bluestone  
BG



Mocha  
Stone  
MS



Goldstone  
GS



Desert Stone  
DS



Stone  
ST



Limestone  
LS

- Due to printing limitations, colors and finishes shown cannot be guaranteed to perfectly match actual product colors.
- Color chip keychains are available for more precise color matching:

Gloss Finishes- DG-CK-1

Satin Finishes - SC-CK-1

#### Metal Finish (wallplate only)



Stainless  
Steel SS

When using Stainless Steel wallplates, it is recommended to order the controls in Black (BL) or Midnight (MN).