

Maestro Wireless® Dimmers and Switches

The *Maestro Wireless* solution incorporates *Maestro Wireless* load controls, wireless sensors, and wireless remote controls, which provides a system that delivers energy savings, convenience, and ease of installation.

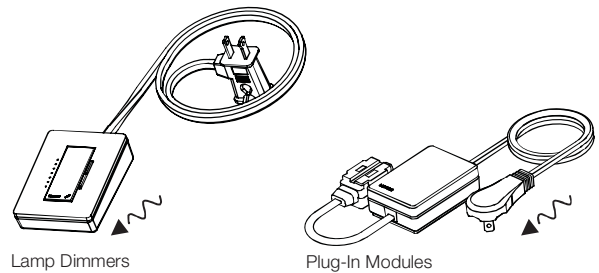
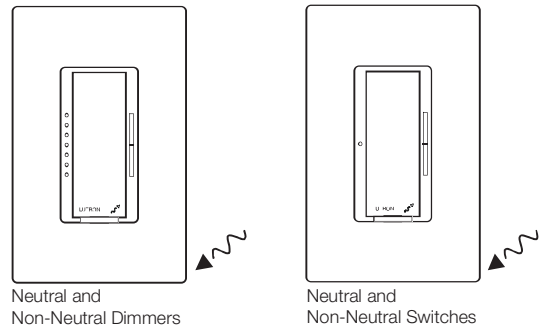
Maestro Wireless dimmers and switches use Lutron patented Clear Connect™ RF Technology, which enables wireless communication with Radio Powr Savr™ sensors and Pico® wireless controls for light control and general switched loads.

Features

- The *Maestro Wireless* solution provides dimming/switching of multiple load types, occupancy/vacancy sensing, daylight harvesting, and high-end trim.
- Lutron patented *Clear Connect* RF Technology works through walls and floors.
- Incorporates advanced features such as fade on/fade off, high-end trim, and rapid full on.
- Controls include Front Accessible Service Switch (FASS™) for safe lamp replacement.
- Two-wire dimmers and switches available for retrofit applications.
- Power failure memory: If power is interrupted, the control will return to its previously set level prior to interruption.

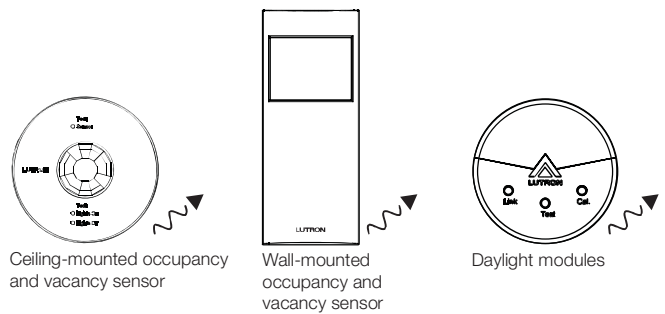
Receiving Devices

Maestro Wireless Controls



Transmitting Devices

Radio Powr Savr Sensors



Pico Wireless Controls



Job Name:

Job Number:

Model Numbers:

Maestro Wireless® Dimmers

Model Numbers

Dimmers

Halogen/Incandescent/Magnetic Low-voltage

MRF2-600M-XX 600 W Incandescent
Dimmer 120 V~

MRF2-6MLV-XX 600 W/600 VA Incandescent/
MLV Dimmer 120 V~

MRF2-6ND-120-XX* 600 W/600 VA
Spec Grade Neutral wire
Dimmer 120 V~

MRF2-10D-120-XX 1000 W/1000 VA
Spec Grade Dimmer 120 V~

3-wire Fluorescent

MRF2-F6AN-DV-XX* 6 A 3-wire Fluorescent
Spec Grade Neutral wire
Dimmer 120–277 V~

Electronic Low-Voltage Dimmer—

MRF2-6ELV-120-XX* 600 W ELV Dimmer 120 V~

Dimmer



Companion Dimmer



* NEUTRAL WIRE REQUIRED.

Companion Controls

Claro® Gloss Finishes

MA-R-XX Companion Dimmer 120 V~

MA-R-277-XX Companion Dimmer 277 V~

Satin Colors® Satin Finishes

MSC-AD-XX Companion Dimmer 120 V~

MSC-AD-277-XX Companion Dimmer 277 V~

“XX” in the model number represents color/finish code.

Job Name:

Model Numbers:

Job Number:

Dimmer Load Type and Capacity

Neutral Required

Control	Voltage	Load Type	Minimum Load	Maximum Load		
				Not Ganged	End of Gang	Middle of Gang
MRF2-6ND-120 ^{1,2,4}	120 V~	Incand.	25 W	600 W	500 W	400 W
		MLV ²	25 W / VA	450 W / 600 VA	400 W / 500 VA	300 W / 400 VA
MRF2-6ELV ²	120 V~	ELV ²	5 W	600 W	500 W	400 W
MRF2-F6AN-DV ^{3,5}	120-277 V~	Lighting	1 ballast 0.05 A	6 A	5 A	3 A

No Neutral Required

Control	Voltage	Load Type	Minimum Load	Maximum Load		
				Not Ganged	End of Gang	Middle of Gang
MRF2-600M ^{1,4}	120 V~	Incand.	50 W	600 W	500 W	400 W
MRF2-6MLV ^{1,2,4}	120 V~	MLV ²	50 VA	450 W / 600 VA	400 W / 500 VA	300 W / 400 VA
MRF2-10D-120 ^{1,2,4}	120 V~	Incand.	50 W	1000 W	800 W	650 W
		MLV ²	50 W / VA	800 W / 1000 VA	600 W / 800 VA	500 W / 650 VA

¹ Dimmer Load Type: -6ND, -6MLV and -10D are designed for use with permanently installed incandescent, magnetic low-voltage, or tungsten halogen only. -600M is designed for use with permanently installed incandescent or tungsten halogen only. -6ELV is designed for use with permanently installed electronic low-voltage only. Do not install dimmers to control receptacles or motor-operated appliances.

² Low-Voltage Applications: Use -6ND, -6MLV and -10D with magnetic (core and coil) low-voltage transformers only. Not for use with electronic (solid-state) low-voltage transformers. Use -6ELV with electronic (solid-state) low-voltage transformers only. Operation of a low-voltage circuit with lamps inoperative or removed may result in transformer overheating and premature failure. Lutron strongly recommends the following:

- Do not operate low-voltage circuits without operative lamps in place.
- Replace burned-out lamps as quickly as possible.
- Use transformers that incorporate thermal protection or fused transformer primary windings to prevent transformer failure due to overcurrent.

³ Can control the following power boosters/load interfaces: Phase-adaptive Power Modules (PHPM-WBX-DV-WH), 3-wire Fluorescent Power Modules (PHPM-3F-DV-WH), Tu-Wire® Fluorescent Power Modules (PHPM-PA-DV-WH), and 0-10 V (GRX-TVI).

⁴ Can control the following power booster/load interface: Hi-Power 2•4•6™ Boosters (HP-2, HP-4, HP-6) for control of most popular lighting sources including Lutron® 3-wire line voltage control fluorescent dimming ballasts (Hi-lume®, Hi-lume Compact SE™, Eco-10®, and EcoSystem®).

⁵ Dimmer Load Type: -F6AN is designed for use with permanently installed 3-wire line voltage control fluorescent ballasts or LED drivers only (Hi-lume, Hi-lume Compact SE, Eco-10, and EcoSystem).

Job Name:	Model Numbers:	
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