Maxxima®

INSTALLATION INSTRUCTIONS for Single Pole and 3-Way wiring Apllications

Caution: Read all notes prior to installation

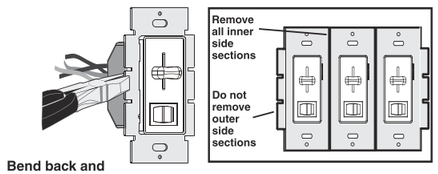
Installing Dimmer by itself or with other devices

If installing Dimmer in a single device application, proceed with Step 1. If installing Dimmer in a multi-device application, proceed as follows:

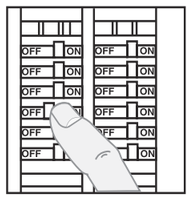
MULTI-DEVICE APPLICATION:

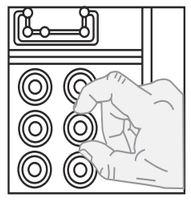
NOTE: You only need to remove side sections if installing with other dimmers or if it does not fit in wall box – not when installing with mechanical switches.

When installing more than one dimmer in the same location, the side sections of the mounting strap must be removed. Use pliers to carefully bend side sections back and forth until they break off.



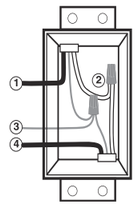
Step 1 **WARNING: TO AVOID FIRE, SHOCK, OR DEATH; TURN OFF POWER** at circuit breaker or fuse and test that power is off before wiring!



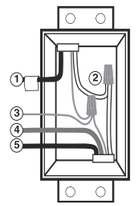


Step 2 **Identifying your wiring application (most common):**

NOTE: If the wiring in the wall box does not resemble any of these configurations, consult an electrician.



Single-Pole
1. Line (Hot)
2. Neutral
3. Ground
4. Load



3-Way
1. Line or Load **Common** ***(See important instruction below)***
2. Neutral
3. Ground
4. First Traveler
5. Second Traveler

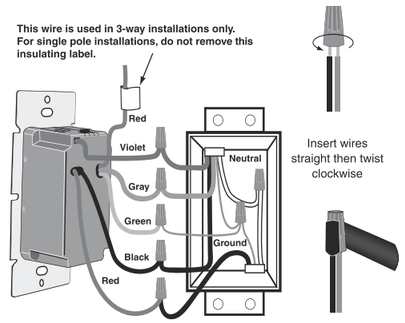
IMPORTANT: For 3-way applications, note that one of the screw terminals from the old switch being removed will usually be a different color (Black) or labeled Common. Tag that wire with electrical tape and identify as the common (Line or Load) in both the dimmer wall box and the standard 3-way switch wall box.The remaining two wires on the brass or lighter screws screw terminals of the old switch are the travelers.

Step 3 **Preparing wires:**

NOTE: Ensure that low-voltage wiring (for Gray and Violet connection of dimmer) is installed at wallbox that will house the Dimmer.

- Pull off pre-cut insulation from Dimmer Leads
- Make sure that the ends of the wires from the wall box are ***straight (cut if necessary).***
- **For Single-Pole Application, go to Step 4A.**
- **For 3-Way Application, go to Step 4B.**

Step 4A **Single-Pole Wiring Application:**



Connect wires per WIRING DIAGRAM A as follows:

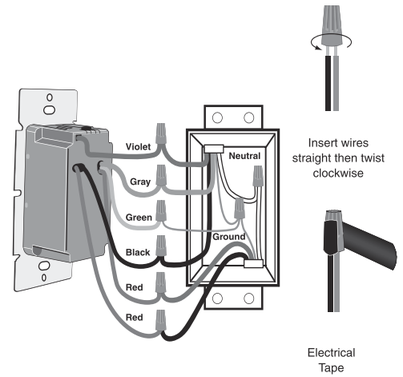
Screw wire nuts on clockwise making sure no bare conductors show below the wire connectors. Secure each connector with electrical tape.

- Green dimmer Ground lead, to Green or bare copper wire in wall box.
- Black dimmer lead to Line Hot wall box wire.
- Red dimmer lead without insulating label to Load wall box wire.
- Remaining Red dimmer lead should have Red insulation label affixed.

NOTE: If insulating label is not affixed to Red lead, use a small wire nut or electrical tape to cap off.

- Violet dimmer lead to (+) Violet connection on ballast.
- Gray dimmer lead to (-) Gray connection on ballast.
- **Proceed to Step 5.**

Step 4B **3-Way Wiring Application:**



Connect wires per WIRING DIAGRAM B as follows:

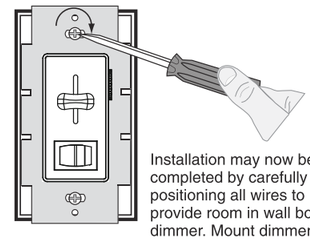
Screw wire nuts on clockwise making sure no bare conductors show below the wire connectors. Secure each connector with electrical tape.

NOTE: Dimmer can be installed on either the Load or Line side.

NOTE: Ensure that low-voltage wiring (for Gray and Violet connection of dimmer) is installed at wallbox that will house the Dimmer.

- Green dimmer Ground lead to Green or bare copper wire in wall box.
- Black dimmer lead to tagged (common) wall box wire identified in step 2.
- Remove Red insulating label from Red lead.
- First Traveler wall box wire identified in step 2 to any red dimmer lead.
- Second Traveler wall box wire identified in step 2 to the remaining red dimmer lead.
- Violet dimmer lead to (+) Violet connection on ballast.
- Gray dimmer lead to (-) Gray connection on ballst
- **Proceed to Step 5.**

Step 5 **Dimmer Mounting:**

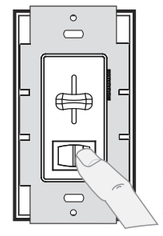


Installation may now be completed by carefully positioning all wires to provide room in wall box for dimmer. Mount dimmer into box with mounting screws supplied. Attach wallplate.

Step 6 **Restore Power:**
Restore power at circuit breaker or fuse.
Installation is complete.

OPERATION

NOTE: If using the dimmer in a 3-way application, the lights will turn ON at brightness set on dimmer's slide control lever. The lights can be controlled from either the dimmer or the switch location.



ON/OFF:
Depress button switch to ON position - Lights will turn ON.

Depress button switch to OFF position - Lights will turn OFF.

BRIGHTEN & DIM:
Move slider control lever - Lights will BRIGHTEN or DIM.

Setting the MaximumLight Level:
This dimmer features a Max trim adjustment to adjust the maximum light level of the dimmer.

1. Locate the "Trim Adjustment" dial on the front of the dimmer
2. Rotate the dial clockwise to increase the maximum light level, rotate counter clockwise to reduce the maximum light level.

Warranty: Maxxima extends a 1 year limited warranty to the original purchaser that the products purchased are free from defects in material and/or workmanship only. The limited warranty is not transferable. This offer does not constitute in any way a product guarantee and Maxxima does not hereby assume any obligation whatsoever beyond sending a replacement product at no charge during the warranty period.

Maxxima, 125 Cabot Ct., Hauppauge, NY 11788

TEL: 631.434.1200 FAX: 631.434.1457

www.maxximastyle.com

Maxxima® INSTALLATION INSTRUCTIONS for MEW-DM600LV - 0-10V 3-Way Slide Dimmer and MEW-DM650LV- 0-10V Slide Dimmer Rocker Switch

Important Notes
Please read before installing (COMPLETE INSTALLATION INSTRUCTIONS CONTINUED ON THE OTHER SIDE)

1. **CAUTION:** Use only permanently installed 120V AC fixtures using a 0-10V dimming circuit. To avoid overheating and possible damage to this device and other equipment, use only with the appropriate LED 0-10V dimmable power supplies/drivers.
2. Always use appropriate electrical power verification instruments to verify that the power is OFF before installing the dimmer
3. Install in accordance with all national and local electric codes.
4. Only use one dimmer in a 3-way circuit.
5. When no "grounding means" exists within the wall box then NEC 2008, Article 404-9 allows a dimmer without a grounding connection to be installed as a replacement, as long as a plastic, non-combustable wallplate is used. For this type of installation, cap the green ground wire on the dimmer.
6. For new installations, install a test switch before installing the dimmer.
7. Protect the dimmer from dust and dirt when painting or spackling.
8. Clean the dimmer with a **soft, damp cloth only.** Do not use any chemical cleaners.
9. For indoor use only.
10. Mount the dimmer to the wall box using the provided screws. The dimmer must be mounted vertically.

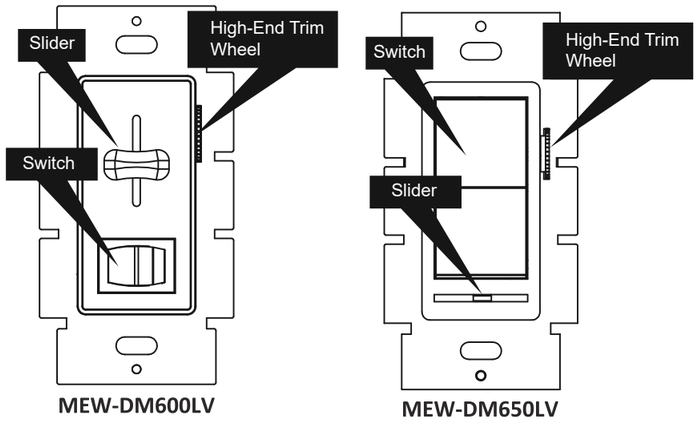
Dimmer Capacity:

Dimmer power output depends on the LED driver power output, the maximum power is the total sum of the loop of LED drivers. The maximum load per driver for multi-devices is noted in the following table:

0-10V Dimmer in 80% power rate				
Working Voltage	Rated Power	Single Driver	Double Driver	Two Driver above
120V	1200VA	960W	960W	960W
277V	1500VA	1200W	1200W	1200W

Switch Layout

Switch: Control power on/off
Slider: Lighting intensity adjustment
Trim Wheel: Maximum light level adjustment

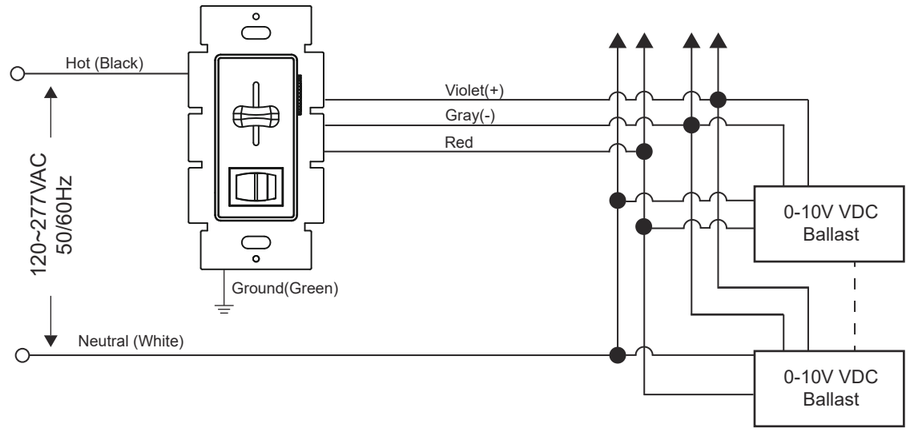


General Installation Steps, see other side for complete details.

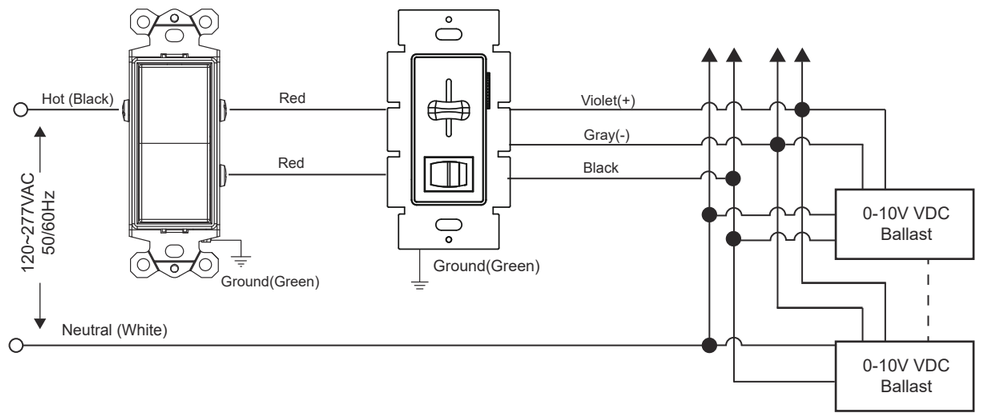
Step 1: Turn off power at circuit breaker or fuse and test that power is off before wiring.

Step 2: Identify wire application: Single Pole or 3-Way Wiring Application.

A: Single-Pole Wiring Application



B: 3-Way wiring Application



Setup different wire pipeline between power line and the 0-10V control line.
Dimmer can be damaged if the power line is connected to 0-10V control line.