



### Important Notes

**Please read before installing (INSTALLATION INSTRUCTION CONTINUED ON OTHER SIDE)**

1. **CAUTION:** Use only with permanently installed 120VAC fixtures using incandescent or halogen or dimmable LED or dimmable CFL lamps. To avoid overheating and possible damage to other equipment, do not use to control receptacles, fluorescent lighting fixtures or transformer-supplied appliances.
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 wallbox 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-combustible 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 dimmer from dust and dirt when painting or spackling.
8. It is normal for the dimmer to feel warm to the touch during operation.
9. Clean dimmer with a **soft damp cloth only**. Do not use any chemical cleaners.
10. For indoor use only.
11. Mount dimmer to wallbox using screws provided. Dimmer must be mounted vertically. See stamp on dimmer for correct positioning.
12. 40 Watt incandescent or equivalent LED/CFL is the minimum recommended load for this dimmer.

### Multigang Installations:

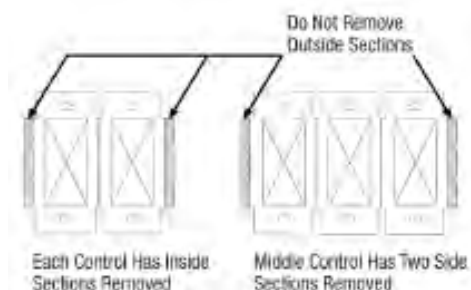
When installing more than one control in the same wallbox, it may be necessary to remove all inner side sections prior to wiring. Using pliers, bend each needed side section up and down until it breaks off.

### Dimmer Capacity:

600W unmodified

500W if one side removed

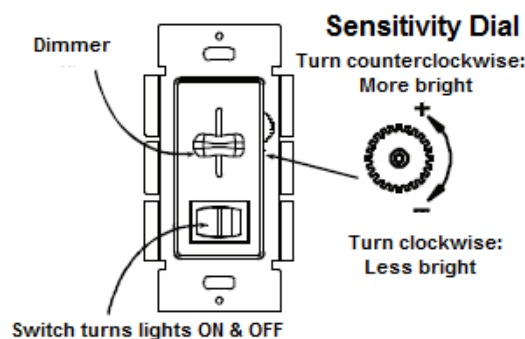
400W if two sides removed



### Dimmer Range Adjustment:

After Installation (see other side), adjust circuit dimming as follows:

1. Turn on the switch and move the slide dimmer to the lowest setting.
2. Adjust the Sensitivity Dial all the way up (counter-clockwise). NOTE: If dial stops in either direction, do not continue to turn.
3. Begin to adjust the Sensitivity Dial down (clockwise) until preferred lowest light level is achieved and light output is stable for all lamps on the circuit. If all lamps on the circuit go out, adjust the Sensitivity back up slightly (counter-clockwise).
4. Once lowest light level is set, test the slide dimmer in the lowest position by switching the dimmer off and then on by the ON/OFF switch to verify all the lamps turn on at the lowest light level.
5. If all the lamps do not turn back on, repeat steps 1-4, but set the lowest light level slightly higher than the previous attempt.
6. Once all lamps are dimming properly, install faceplate.



### 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.

**CAUTION: Read Important Notes on other side before beginning installation.**

## Installation

### 1 Turning OFF Power.

- Turn power OFF at circuit breaker (or remove fuse).



### 2 Removing Wallplate and Switch.

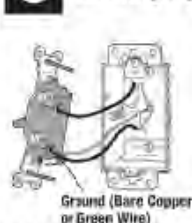
- Remove wallplate and switch mounting screws.
- Carefully remove switch from wall (**do not remove wires**).



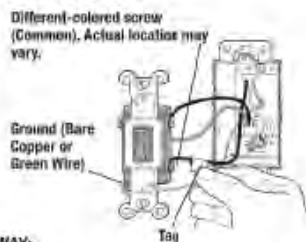
**Warning:** Verify that power is OFF before proceeding. Failure to turn power OFF could cause death or serious injury.



### 3 Identifying the Type of Circuit.



OR



**SINGLE POLE:** Insulated wires connected to two screws of the same color. Replace with a Single Pole dimmer. See Step 5a.

OR

**3-WAY:** Insulated wires connected to three screws. One of these wires is connected to a screw of a different color (not green) or labeled **COMMON**. **MARK** or **TAG** this wire to identify it when wiring. Replace with a 3-WAY dimmer. See Step 5b.

### 4 Disconnecting Switch Wires.

**Important Note:** Your wall switch may have two wires attached to the same screw (see illustrations below for examples). Tape these two wires together before disconnecting. When wiring, connect both wires to the Dimmer wire in Step 5.



One wire in the backwired hole and one to the screw.



One continuous wire to the screw.



**Screw Terminals:** Turn screws to loosen.



**Push-In Terminals:** Insert screwdriver. Pull wire out.



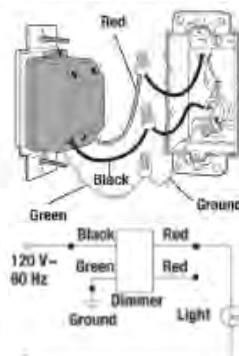
**Looped Wire:** Turn screw to loosen.

### 5 Wiring the Dimmer.

- For installations involving more than one control in a wallbox, refer to the section on Multigang installations before beginning.

**Note:** Wire location will vary by product. Reference wires by color, not location.

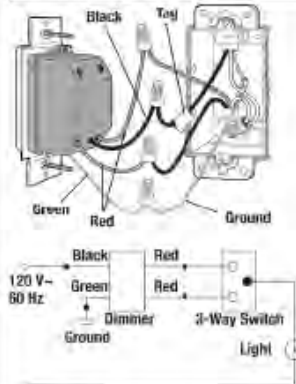
#### 5a - Single Pole Wiring



- Connect the **green** dimmer ground wire to the green or bare copper ground wire in the wallbox. (See Important Note 4.)
- Connect one of the **red** dimmer wires to either of the wires removed from the switch.
- Connect the **black** dimmer wire to the other wire removed from the switch.

**Note:** To use a 3-Way dimmer (one black and two red wires) in a single pole application, cap off one of the red wires and follow instructions for single pole wiring. (If the on/off switch works backwards, switch the red wires.)

#### 5b - 3-Way Wiring



- Note:** Only one dimmer can be used in a 3 or 4-Way circuit.
- Note:** The 3-Way dimmer may be installed in either switch location.
- Connect the **green** dimmer ground wire to the green or bare copper ground wire in the wallbox. (See Important Note 4.)
- Connect the **black** dimmer wire to the wire removed from the different-colored screw on the switch (marked or tagged wire). Remove tag from wire.
- Connect one of the **red** dimmer wires to either of the remaining wires removed from the switch.
- Connect the remaining **red** dimmer wire to the remaining wire removed from the switch.

### 6 Mounting Dimmer to Wallbox.

- Form wires carefully into the wallbox, mount and align dimmer.
- Install wallplate.



Start screws.



Align dimmer and tighten screws.

### 7 Turning ON Power.

- Turn power ON at circuit breaker (or replace fuse).



Then do Dimmer Range Adjustment on other side