

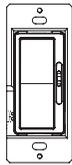
0-10V LED Sliding Dimmer Installation Instruction



WARNING

1. Risk of fire and electrical shock; install this product only in accordance with applicable electrical codes and regulations.
2. Turn off power at the circuit breaker or fuse and verify that power is off before installation.
3. After installing the dimmer, adjust the minimum brightness level so fixtures turn on immediately and the dimmer achieves the widest possible dimming range.
4. If you are unsure about any part of these instructions, consult a licensed electrician.
5. To prevent overheating and potential damage to equipment, do not use this device to control receptacles, motor-operated appliances, or transformer-supplied appliances.
6. Use this product only with a compatible 0-10V dimming power supply or fixture.
7. When one dimmer controls multiple 0-10V power supplies or fixtures, do not mix different models; using identical models improves dimming performance.

0-10V Dimmer



DM10-1200W-SLP-3-XX-V3

Product Information

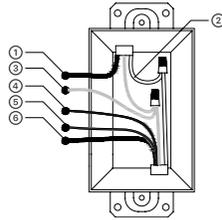
Ordering Code	Input Voltage	Max. Load	Operating Temperature
DM10-1200W-SLP-3-XX-V3	120-277Vac	1200Va	0°C to 40°C

Installation Instructions

1. Identify the circuit type

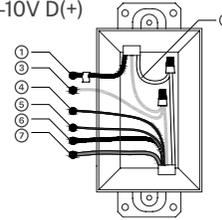
Single Pole

- ① Line (Hot)
- ② Neutral
- ③ Ground
- ④ 0-10V D(+)
- ⑤ 0-10V D(-)
- ⑥ Load



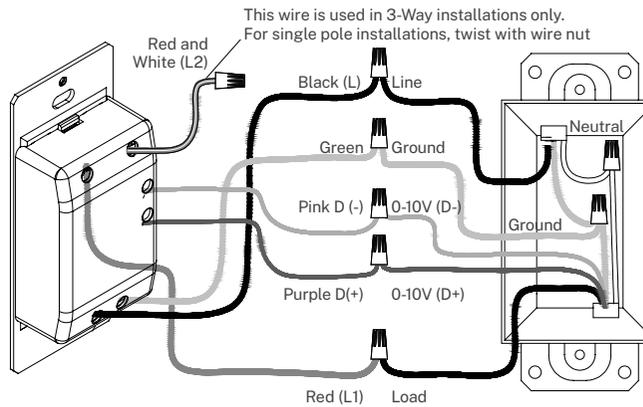
3-Way

- ① Line or Load*
- ② Neutral
- ③ Ground
- ④ 0-10V D(+)
- ⑤ 0-10V D(-)
- ⑥ Traveler 1
- ⑦ Traveler 2

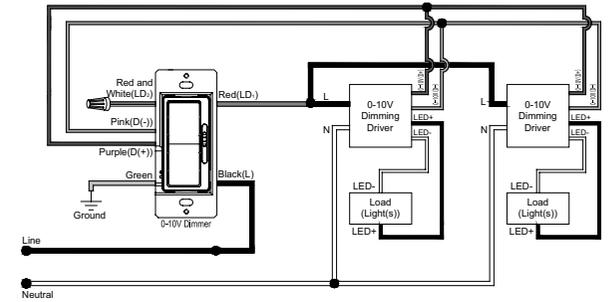


2a. Single Pole Installation

1. Connect the green wire on the dimmer with the green or bare copper ground wire on the junction box.
2. Connect the black wire from the dimmer to the live wire.
3. Connect the red wire from the dimmer to the load wire.
4. Connect the purple wire on the dimmer with 0-10V D(+) on the junction box.
5. Connect the pink wire on the dimmer with 0-10V D(-) on the junction box.
6. In a single pole configuration, the red/white wire is not used. Cover it with a connector for safety.



Single Pole Diagram

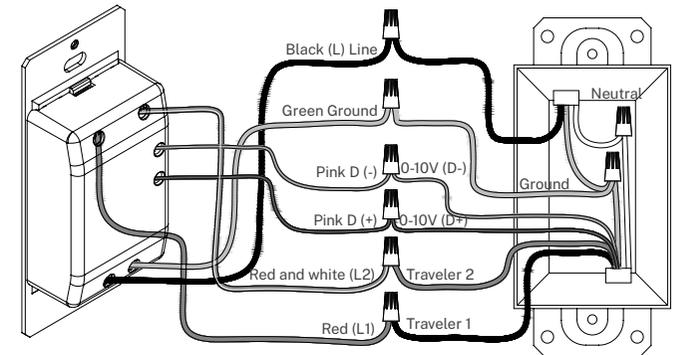


Notice: Use separate wire conduits for the power line and the 0-10V control line. The dimmer may be damaged if the power line is connected to the 0-10V control line.

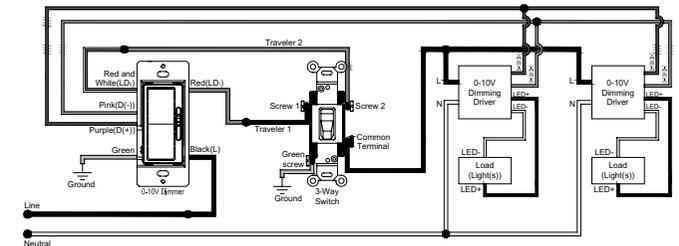
2b. 3-way Installation

1. Connect the green wire on the dimmer to the green or bare copper ground wire in the junction box.
2. Connect the black wire from the dimmer to the live wire.
3. Connect the dimmer's red wire and red/white wire to the two conductors that were connected to the traveler terminals of the 3-way switch.
4. Connect the dimmer's purple wire to the 0-10V D(+) wire in the junction box.
5. Connect the dimmer's pink wire to the 0-10V D(-) wire in the junction box.

It only supports one dimmer when used in a 3-way application.



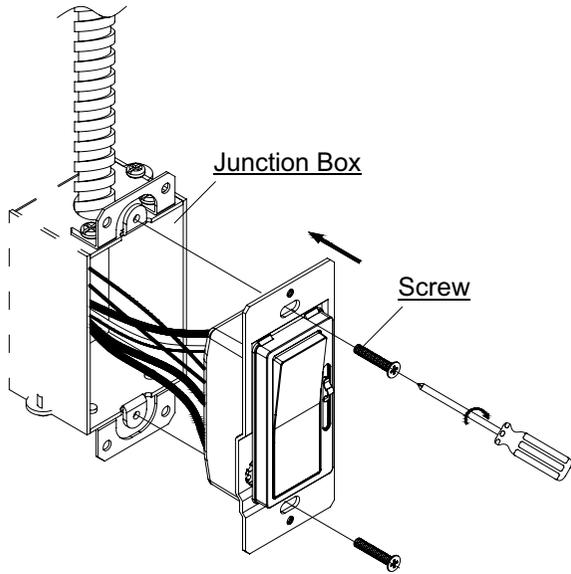
3-Way Diagram



Notice: Use separate wire conduits for the power line and the 0-10V control line. The dimmer can be damaged if the power line is connected to the 0-10V control line.

3. Installing dimmer

- Carefully position all wires inside the junction box, leaving enough space to insert the dimmer. Place the dimmer into the junction box.
- Secure it with the mounting screws provided.



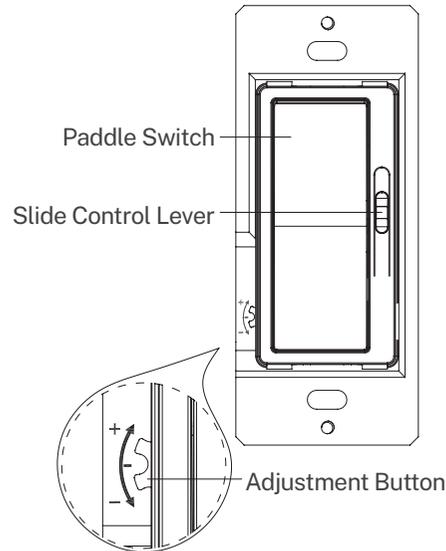
4. Turn on the power

- Turn on the electricity at the circuit breaker or fuse, and test your dimmer.

5. Test your dimmer

Note: The dimming range can vary from one manufacturer to another. If your bulbs do not dim to your satisfaction — particularly regarding the dimming range and minimum brightness level — you can adjust the dimmer's adjustment wheel after installation to achieve the desired lighting result. (This product is designed with an adjustment wheel.) For details, see Step 7.

- Move the slide control lever to the 30–50% position and press the paddle switch to turn the power on, allowing the lamps to operate stably. Then move the slide control lever down to the lowest light level.
- Turn the adjustment button counterclockwise (“-”) to set the lowest desired brightness level where the light output from all lamps is stable and does not flicker or flash.
- Press the paddle switch off, then press it back on after 1 second. Verify that all lamps turn on and remain stable, without flickering or flashing.
- If all or some lamps do not turn on or the minimum brightness level is not satisfactory, turn the adjustment button slightly clockwise (“+”) to make all lamps work, and repeat steps 2 and 3.
- After completing the above settings, the lamps will turn on immediately at the minimum brightness level when the dimmer is switched on, and the dimmer will operate across its full dimming range.



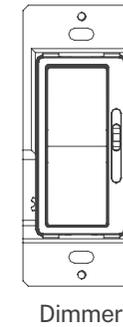
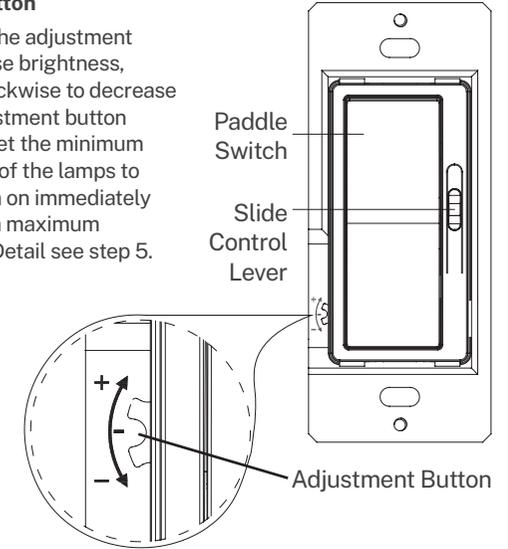
Specifications

Slide Control Lever

Move up the Slide Control Lever to increase the brightness.
Move down the Slide Control Lever to decrease the brightness.

Adjustment Button

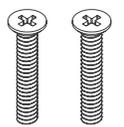
Turn clockwise the adjustment button to increase brightness, turn counter-clockwise to decrease brightness. Adjustment button can adjust and set the minimum brightness level of the lamps to make lamps turn on immediately and dimmer with maximum dimming range. Detail see step 5.



Dimmer



Wire Nuts



Screws

Line/Load	Ligne/Charger	Line/Load	Ligne/Charger
Traveler 1	Voyageur 1	Traveler 1	Voyageur 1
Traveler 2	Voyageur 2	Traveler 2	Voyageur 2

Three-Colour Sticker (1pc)