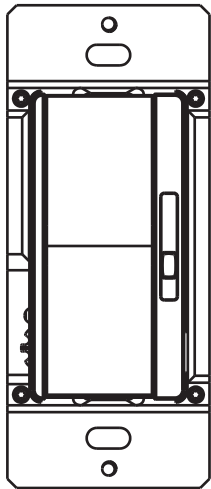


Installation instructions
For
Dimmer Switch

Suitable for dimmable LED lamp, dimmable CFL,
incandescent & halogen lamp.



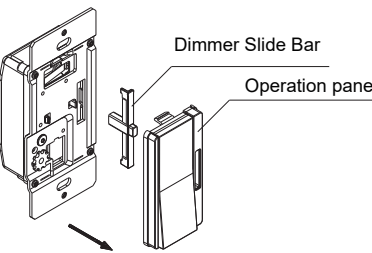
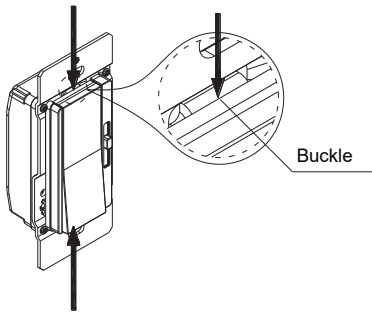
Model No.	VO-DIM-P-W200
Rated Voltage	120V ~
Rated Frequency	60Hz
Max. Wattage	600 W
Load Range	Incandescent:15W-600W
	LED/CFL:3W-200W
Working Environment	Temperature: 0℃ - 40℃
	Humidity: 10% R.H. - 90% R.H.
Product Size	4.13x1.73x1.26 in (L×W×H)

⚠ WARNINGS AND CAUTIONS

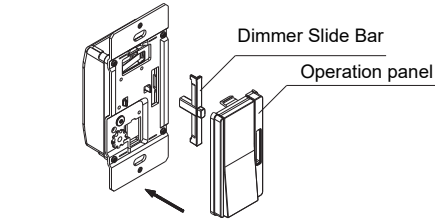
- To avoid risk of fire and electrical shock, the dimmer should be installed in accordance with appropriate electrical codes and regulations.
- This product should be use with air switch.
- Turn power off at circuit breaker or fuse and test that power is off before installing.
- After installing the dimmer, it is recommended to set the minimum brightness level to ensure there is no power delay.
- If you are unsure about any part of these instructions, consult a licensed electrician.
- To reduce the risk of overheating and possible damage to other equipment, do not install to control a receptacle, a motor-operated appliance or a transformer-supplied appliance.
- Use with compatible dimmable LED lamp, CFL, incandescent or halogen lamps only.
- When multiple lamps are used with one dimmer. DO NOT mix lamp types. All lamps shall be LED lamp, CFL or incandescent lamp. Using the same model of each lamp will enhance dimmer performance.

Operation Panel Replacement

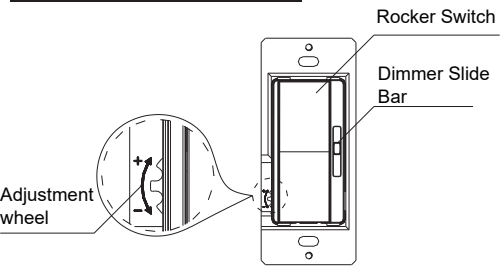
- Remove the operation panel and brightness adjustment handle by pushing out the buckle on the operation panel with a flat-head screwdriver.



- After the operation panel is removed, fasten the buckle above the Dimmer Slide Bar on the base, and then press down to place the new operation panel on the base (Note: When the operation panel is installed, the Dimmer Slide Bar needs to be stuck on the potentiometer).



Functional Specifications



Dimmer Slide Bar

- Move the dimmer slide bar upward to increase the brightness and downward to decrease the brightness.

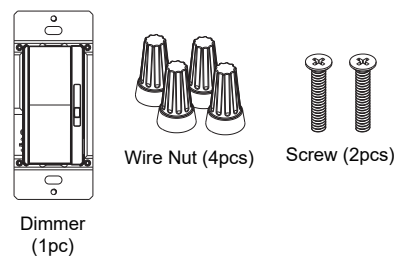
Rocker Switch

- Press the Rocker Switch to turn power on/off.

Adjustment Wheel

- Turn adjustment wheel clockwise to increase brightness or turn counter-clockwise to decrease brightness.
- Adjustment Wheel 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 step7.

Accessory Information



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

Sticker (1pc)

Tools Needed To Install The Dimmer

3mm Straight Screwdriver	5mm Philips Screwdriver	Electrical Tape	Cutter
Plier	Test Pencil	Ruler	

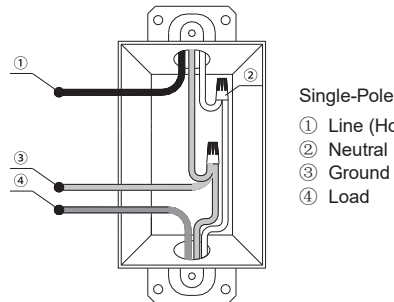
Installation

Step 1 ⚠ WARNING: To avoid fire and electrical shock, Turn off circuit breaker or fuse and test that power is off before wiring.

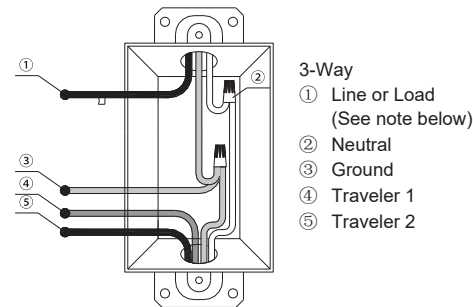
Step 2 Remove the existing switch: Remove the existing panel and the screws installed on the switch. Carefully pull out the switch from the wall box, identify and remove the wires attached to the switch, and remove the switch, Do not remove the wires detached from the switch.

Step 3 Identify the circuit type

Note: If the wiring in the wall box is different from the following layouts, please consult an electrician.



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



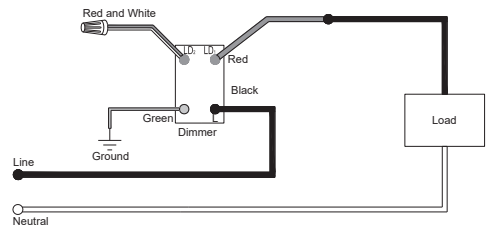
3-Way
① Line or Load (See note below)
② Neutral
③ Ground
④ Traveler 1
⑤ Traveler 2

Important:

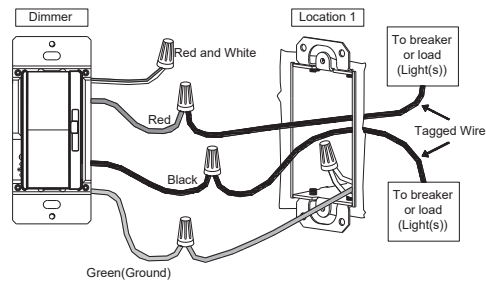
For 3-Way applications, note that one of the wires from the old switch being removed will usually be a different color (Black) or labeled Common. Tag that wire with electrical tape and identify as the common (Line or Load) in both the dimmer wall box and 3-way wall box.

Step 4 Typical wiring application

Step 4a Single-Pole



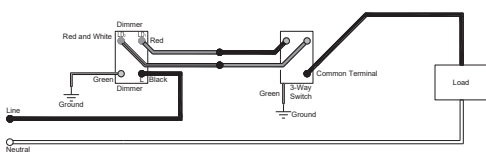
Note: The red and white wires are only use for 3-way application and should be protected with the wire nuts in Single-pole application.



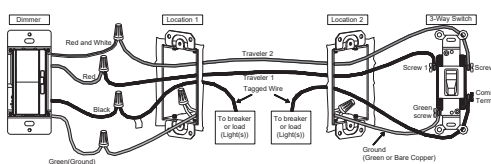
Location 1 Connection:

- Connect the green wire on the dimmer with the green or bare copper ground wire on junction box, and tighten it with the wire nut.
- Connect the black wire on the dimmer with the live wire of circuit breaker or load line, and tighten it with the wiring nut.
- Connect the red wire on the dimmer with the live wire of circuit breaker or load line, and tighten it with the wiring nut.
- Protect the remaining red and white wire on the dimmer with the wiring nut.

Step 4b 3-Way



Important:
Only one dimmer can be used in 3-Way application.



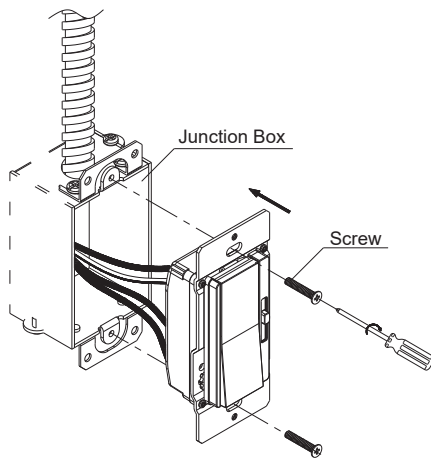
Location 1 Connection:

- Connect the green wire on the dimmer with the green or bare copper ground wire on junction box, and tighten it with the wire nut.
- Connect the black wire on the dimmer with the Tagged Wire (the live wire of circuit breaker or load line), and tighten it with the wiring nut.
- Connect the red and white wire on the dimmer with the Traveler 2, and tighten it with wire nut.
- Connect the red wire on the dimmer with the Traveler 1, and tighten it with wire nut.

Location 2 Connection:

- Connect the Traveler 1 with the Screw 1 of the 3-way switch.
- Connect the Traveler 2 with the Screw 2 of the 3-way switch.
- Connect the Common Terminal of the 3-way switch with the live wire of circuit breaker or load line.

Step 5 Installing dimmer



- Carefully position all wires inside the junction box, leaving enough room to insert the dimmer. Put the dimmer in the wall box.
- Secure with mounting screws provided.

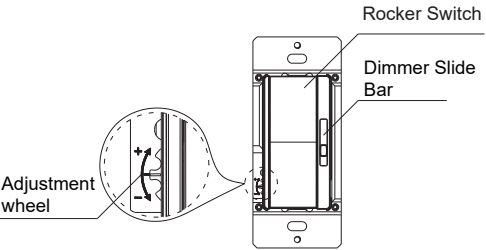
Step 6 Turn on the power

- Turn on the power and try your dimmer.
- If you're satisfied with dimming range and light output of your lamps, proceed to step 8.

NOTE:

Dimmable LED lamps may not dim as low as incandescent or halogen lamps. Dimming range of dimmable LED lamps can vary from manufacturer to manufacturer. If your lamps do not dim to your satisfaction, especially the dimmer range and minimum brightness level, adjust the adjustment wheel of the dimmer after installed can get desired lighting result (The product is designed with an adjustment button). Detail see step 7.

Step 7 Testing



1. If lights are flickering, adjust brightness wheel to 30-50% position and turn-on switch - Lights should not flicker, if they continue to flicker move to step 2.

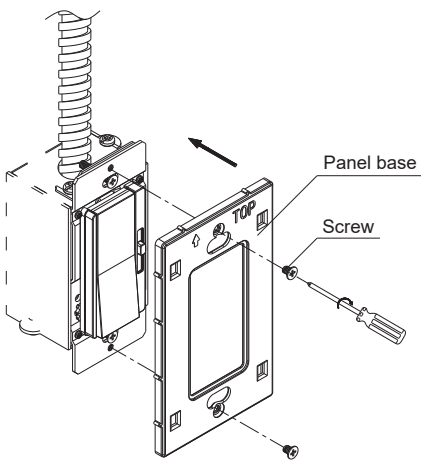
2. Adjust brightness wheel to lowest desired brightness where lights no longer flicker. *Adjust brightness wheel by turning counter-clockwise

3. Cycle the lights by turning switch off for 1 second then back on. Verify all lights turn on and do not flicker.

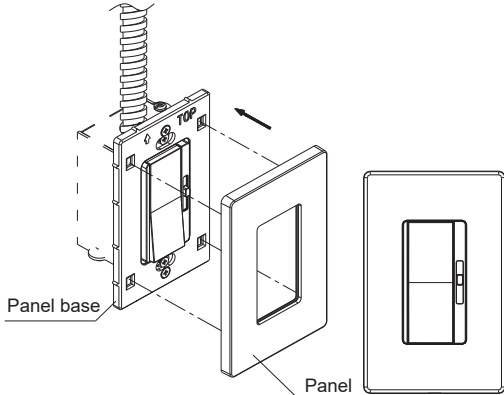
4. If all or some of the lights do not turnon to desired brightness, adjust brightness wheel up by turning wheel clockwise - repeat steps 2-3 to fine tune brightness wheel.

Step 8 Installing Panel

- Place the panel base on the installed dimmer and secure it with the mounting screws provided.



- Put the panel on the panel base, press gently to ensure it fits perfectly and securely.



Troubleshooting

Problems	Possible Cause	Solution
Lamp flickering	Lamp has a bad connection.	Reconnect and fix the wires.
LED and CFL flickers at low end of dimming range.	Adjust the adjustment wheel	Adjust the adjustment wheel, see the step 7 for details
Long stroke at the low end of dimmer	Adjust the adjustment wheel	Adjust the adjustment wheel, see the step 7 for details
Lamp can't work	Circuit breaker has tripped.	Turn power on
	Fuse burn out	Change fuse
	Lamp is broken Lamp has a bad connection.	Change a lamp Check wire connections.