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LED / Compact Fluorescent / Incandescent Dimmer

Touch Screen, Single Pole (One Location)

Catalog Number: 080021 (Touch Screen) & 080031 (Touch Screen with WiFi)

LED / CFL 300W, Incandescent 600W 120V AC, 60HZ

INSTALLATION INSTRUCTIONS

WARNINGS AND CAUTIONS:

- CAUTION:** Use with compatible dimmable LED, CFL bulbs, incandescent or 120V halogen fixtures only. To avoid overheating and possible damage to this device and other equipment, **DO NOT** install to control a receptacle, a motor-or a transformer-operated appliance, or any other lighting sources than those specified.
- To be installed and / or used in accordance with appropriate electrical codes and regulations.
- If you are unsure about any part of these instructions consult an electrician.
- Use this device with copper or copper clad wire only.

- When multiple bulbs are used with one dimmer do not mix bulb types. All bulbs shall be either LED, CFL or incandescent. Using the same make / model of each bulb will enhance dimmer performance.
- The white neutral wires are required to connect. Device will not function if it is not connected.
- It is normal for the dimmer to feel warm to the touch during operation.
- Clean dimmer with a soft damp cloth only. Do not use any chemical cleaners.

TOOLS NEEDED TO INSTALL YOUR DEVICE:

Slotted / Phillips Screw Driver Electrical Tape Pliers
Pencil Cutters Ruler

INSTALLING DIMMER BY ITSELF OR WITH OTHER DEVICES:

If installing Dimmer in single device application, proceed with the Installing Your Dimmer section.

If installing Dimmer in a multi-device application, proceed as follows:

MULTI-DEVICE APPLICATION:

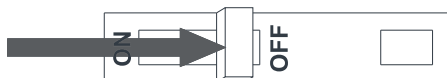
In incandescent multi-device installations, the reduction of the dimmer's capacity is required. Refer to the chart for maximum load per dimmer. No derating is required for use in dimmable CFL or dimmable LED multi-device installations.

MAXIMUM LOAD PER DIMMER FOR MULTI-DEVICE (INCANDESCENT)			
Cat. NO.	Single	Two Devices	More than 2 Devices
080021 & 080031	600W	500W	400W

INSTALLING YOUR DIMMER:

1. Turning OFF power:

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



2. Removing wallplate and switch:

Remove wallplate and switch mounting screws.

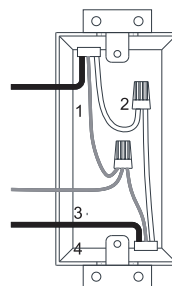
Carefully remove switch from wall (do not remove wires) .

3. Identifying the type of circuit:

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

Single-Pole

- Line (hot)
- Neutral
- Ground
- Load



4. Wiring the device:

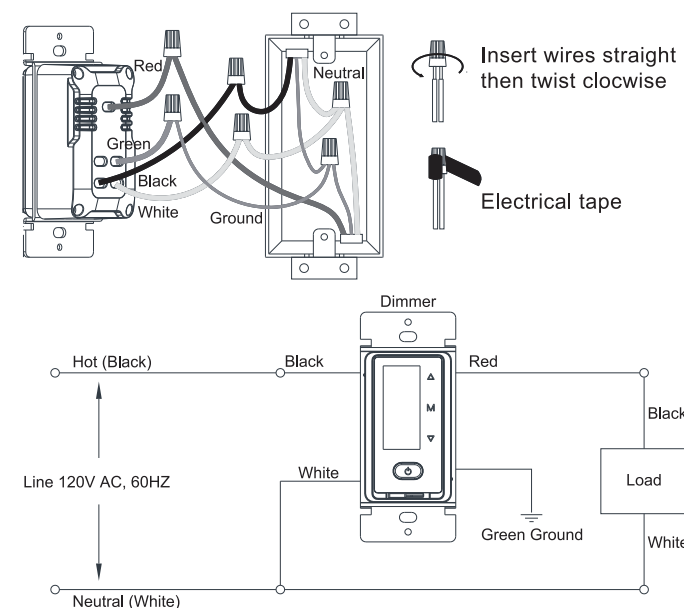
Make sure that the ends of wires from the wall box are straight (cut if necessary). Remove 5/8" (1.6 cm) of insulation from each wire in the wall box (shown).

For non-standard wiring applications, refer to Wire Nut and Connector Size Chart

WIRE CONNECTOR / # OF COND. COMBINATION CHART

- 1- #12 w/ 1 to 3 #14, #16 or #18
- 1- #14 w/ 1 to 4 #16 or #18
- 2- #12 w/ 1 or 2 #16 or #18
- 2- #14 w/ 1 to 3 #16 or #18

Single-pole wiring:



Connect wires per wiring diagram as follows:

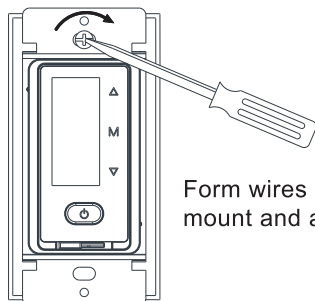
Screw wire nuts on clockwise making sure no bare conductors show below the wire connectors.

Secure each connector with electrical tape.

- Green dimmer ground lead to Green or bare copper wire in wall box.
- Black dimmer lead to any wall box wire removed from old switch.
- Red dimmer lead to remaining wall box wire.
- White dimmer lead to Neutral wire in wall box.

5. Mounting dimmer to wallbox:

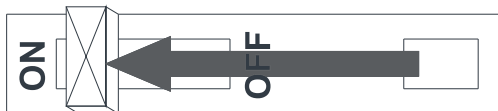
Turn off power at circuit breaker or fuse.



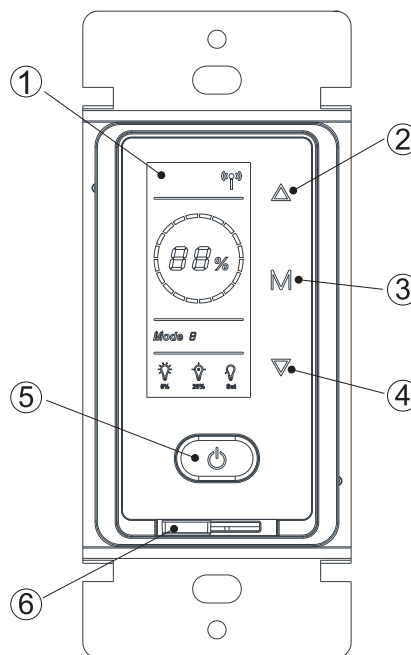
Form wires carefully into the wallbox, mount and align dimmer. Install wallplate.

6. Turning ON power:

Turn power ON at circuit breaker (or remove fuse).



DIMMER FEATURES:



① LCD Screen

Display current settings and functional adjustment.

② Increase Brightness Button

Continuously press the button to increase the brightness of lights. Long press the button to quickly reach the maximum brightness.

③ Mode Switch Button

Press M to switch among Mode 1, Mode 2 and Mode 3.

Mode 1 - Dimming Mode: Increase or decrease brightness by 5% scale.

Mode 2 - Dimming Mode: Increase or decrease brightness by 25% scale.

Mode 3 - Setup Mode: Set up initial brightness for Mode 1 and / or Mode 2.

④ Decrease Brightness Button

Continuously press the button to decrease the brightness of lights. Long press the button to quickly reach the minimum brightness.

⑤ Light Switch

Press the button to control the ON / OFF of lights. The switch will turn the light on at the brightness level last selected at the dimmer.

⑥ Mechanical Forced Switch



In emergency situations, slide the button to the right to forcibly cut off the current of the dimmer and restore the factory setting. It is recommended to keep the dimmer on for daily use.

ONE YEAR LIMITED WARRANTY:



The warranty gives you specific rights and you may also have other rights, which vary in different states and countries. Our company warrants to the original consumer purchaser that this product is free of defects in materials and workmanship for 1 year from the purchase date. **This warranty does not cover labor for removal or reinstallation of the product and is void on any product installed improperly or in an improper environment, overloaded, misused, opened, abused, or altered in any manner.** Our company excludes incidental or consequential damages for breach of any warranty on this product. Some jurisdictions may not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above exclusions or limitations may not apply to you.

OPERATION:




Set up initial brightness



1. Power up the device for the first time, then short press  to turn on the lights.
2. Short press  to enter into Mode 1, as shown on the display screen.
3. Long press  to enter Mode 3 - Setup Mode, as shown on the display screen. Then press  or  to increase or decrease the initial brightness of lights.
4. Repeat Step 2 and Step 3 to set up a new initial brightness for Mode 2. Otherwise it will automatically share the same initial brightness of Mode 1.



Note: By default, the device automatically saves current settings and enters Standby Power Saving Mode after 15 seconds of inactivity, the screen will go black. Touch any button to wake up the device.

Long press  for 10 seconds to keep the LCD screen light on. Long press  again to switch back to automatic power saving mode.

How to use the Dimmer

Short press  to switch between Mode 1 and Mode 2. Choose a Mode at will and press  or  to increase or decrease the brightness of lights.

Mode 1 - Dimming Mode: press  or  to increase or decrease brightness by 5% scale.

Mode 2 - Dimming Mode: press  or  to increase or decrease brightness by 25% scale. For dimmable CFL lamps it is recommended that you choose Mode 2.