

Quick Start Guide

SwitchLinc™ Dimmer 240V, 50/60Hz (Dual-Band) INSTEON® Remote Control Dimmer Switch Model: 2478D

About SwitchLinc Dimmer 240V, 50/60Hz

Congratulations on purchasing the SwitchLinc Dimmer 240V. This internationally-compatible version of our bestselling SwitchLinc Dimmer features automatic 50/60Hz detection of the AC power frequency and flexible 100 - 277VAC support, allowing operation in a variety of electrical environments.

Preparation

Installation should be performed only by a qualified electrician or by a homeowner who is familiar and comfortable with electrical circuitry. If you have any questions regarding installation, we suggest consulting an electrician. If you have any questions regarding setup, contact the INSTEON Support Line.

What's in the box?

- SwitchLinc Dimmer
- Four wire nuts

Tools Needed

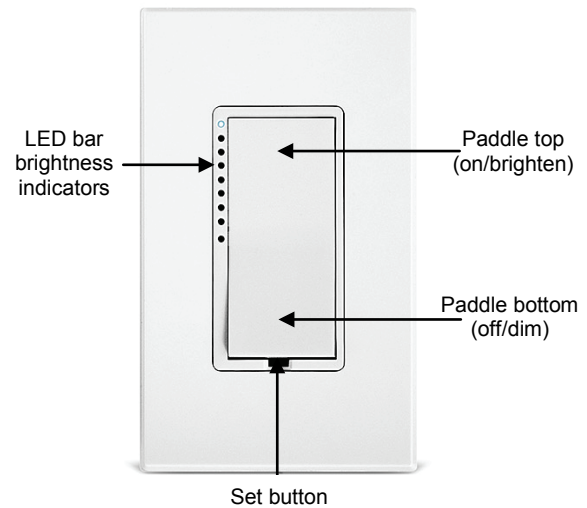
- Slotted screwdriver
- Phillips screwdriver
- Wire cutter / stripper
- Voltage Meter

Installation

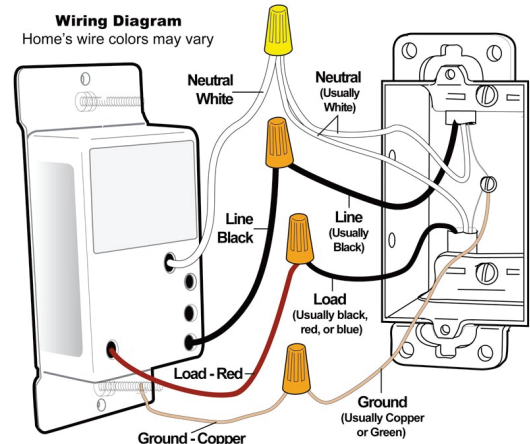
- 1) Turn off circuit breaker(s) or remove fuse(s) feeding wall box
- 2) Use a voltage meter to verify that power is off
- 3) Remove wallplate from switch and unscrew switch you are replacing and gently pull out
- 4) Turn breaker(s) back on
- 5) Use a voltage meter to identify line and load wires connected to switch
- 6) Identify Neutral and ground wires
- 7) Turn breaker(s) back off
- 8) Connect wires as indicated. Confirm firm attachment with no exposed wire.
- 9) Gently place SwitchLinc into wall box, orienting unit with the LED bar on left
- 10) Screw SwitchLinc into place
- 11) Turn breaker(s) back on
SwitchLinc LED bar and connected light will turn on
- 12) Verify SwitchLinc is working properly by tapping SwitchLinc's paddle turning light (load) on and off
- 13) Reinstall the wallplate

Note: For 3-way/4-way circuit installations, refer to the Owner's Manual

Note: When mounting in a multiple-ganged junction box, SwitchLinc Dimmer is de-rated for 200-watts less for each immediately adjacent dimmer installed. For example, 600W load control becomes 400W with another dimmer to the immediate right or left. Use a triple-gang box with a mechanical switch in the center to avoid de-rating.



SwitchLinc Wire	Wall Box Wires
Bare copper	Ground (commonly bare, green wire or green screw)
White	Neutral (commonly white)
Red	Load (light, fan, etc.)
Black	Line (100 - 277VAC to Ground)



Using the Paddle

Paddle	Tap	Double-Tap	Press and Hold
Top	Ramp to on-level	Fast on	Brighten
Bottom	Ramp to off	Fast off	Dim

Adding SwitchLinc to a Scene as an INSTEON Responder

- 1) Press and hold scene controller button until it beeps¹
Controller LED will start blinking
- 2) Tap SwitchLinc on
Load will turn on
- 3) Press and hold SwitchLinc Set button until it double-beeps
Controller's LED will stop blinking and will double-beep²
- 4) Confirm scene addition was successful by tapping controller scene button on and off
The light connected to SwitchLinc will respond appropriately

Add SwitchLinc to a Scene as an INSTEON Controller

- 1) Press and hold SwitchLinc's Set button until it beeps
SwitchLinc LED will blink
- 2) Adjust the scene responder(s) to the "state" you want when scene is activated from SwitchLinc (e.g., 50%, 25% or even off)³
- 3) Press and hold responder Set button until it double-beeps (or until its LED/load flashes)
SwitchLinc will double-beep and its LED will stop blinking⁴
Responder LED will stop blinking and it may double-beep⁴
- 4) Confirm scene addition was successful by tapping SwitchLinc paddle on and off
Responder will toggle between the scene's on-level and off

Owner's Manual and Tech Support

Owner's Manual and current Quick Start Guide: <http://www.insteon.com/support>

Call: INSTEON Support Line at 800-762-7845

FCC/UL and ETL/UL Statements

This device complies with FCC Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

CAUTION - To reduce the risk of overheating and possible damage to other equipment do not install to control a receptacle, a motor-operated appliance, a fluorescent lighting fixture, or a transformer-supplied appliance.

Gradateurs commandant une lampe à filament de tungstène – afin de réduire le risque de surchauffe et la possibilité d'endommagement à d'autres matériels, ne pas installer pour commander une prise, un appareil à moteur, une lampe fluorescente ou un appareil alimenté par un transformateur.

¹ If the controller does not have a beeper, wait until its LED begins blinking

² Most models

³ If the responder is a multi-scene device such as a KeypadLinc, tap the scene button you wish to control until its LED is in the desired scene state (on or off)

⁴ If either the SwitchLinc or responder's LED continues to blink, the addition failed. Tap the device's Set button until LED stops blinking and try again.