

Quick-Start Guide

OutletLinc™ – INSTEON® Remote Control Dimmer Outlet (Dual-Band)

Model: 2472D



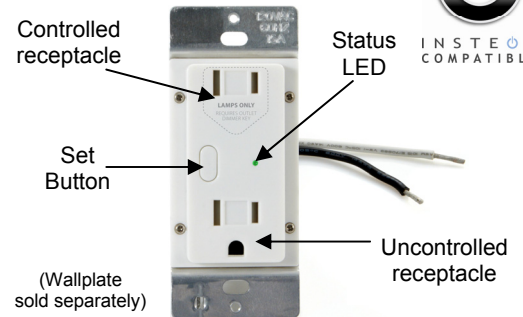
Introduction

OutletLinc brings the power of INSTEON into your home, allowing you to remotely control and dim any device plugged directly into the top outlet.

OutletLinc also works as an INSTEON signal repeater and can be used to bridge the power phases in your home (like an Access Point, #2443). Use indoors only with incandescent loads up to 300 Watts.

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 Gold Support Line.

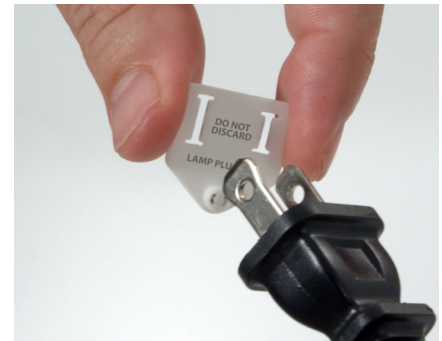


Tools Needed

- Phillips and standard screwdrivers
- Wire cutter / stripper
- Voltage tester to identify wires inside the junction box

Installation Instructions

- 1) At the circuit breaker or fuse panel, disable the circuit supplying power to the outlet
- 2) Remove the existing wallplate from the outlet you are replacing. Then, unscrew the outlet itself and pull it out from the junction box.
- 3) Disconnect the wires from the outlet you are replacing and ensure that you have ½ inch of bare wires on the ends
- 4) To correctly identify the outlet's LINE, NEUTRAL, and GROUND wires, enable power to the outlet from the circuit breaker or use a line voltage meter, and then turn the breaker off again
- 5) Twist together the bare copper OutletLinc wire to the outlet's GROUND wire with an included wire nut
- 6) Twist together the white OutletLinc wire to the outlet's NEUTRAL wire (usually white) with an included wire nut
- 7) Twist together the black OutletLinc wire to the outlet's LINE wire with an included wire nut
- 8) Ensure all the wire connectors are firmly attached and that there is no exposed copper except for the GROUND wire
- 9) Carefully install OutletLinc into the electrical box and replace the wallplate
- 10) Enable power to the outlet from the circuit breaker or fuse panel
The OutletLinc Status LED should turn on solid red
- 11) Attach the included Outlet Dimmer Key to the plug of the load you wish to control with the magnet at the bottom. The flat side of the key should face away from the prongs of the plug (so the key will lay flush against OutletLinc when the load is plugged in).



- 12) Plug the load into the top outlet on OutletLinc
The load should turn on and the OutletLinc Status LED should turn on solid green

- 13) If the load does not turn on, turn it on manually using the switch on the load itself
OPTIONAL: You can use the bottom outlet on OutletLinc as you would and ordinary outlet.

To control the load, you will need to Link OutletLinc to an INSTEON Controller (see *Linking OutletLinc as a Responder*). You will not be able to control the load from OutletLinc itself. See the Controller's Owner's Manual for instructions on how to control OutletLinc.

NOTE: You will not be able to control the load from the manual switch. Make sure the load's manual switch is always in the on position. Otherwise, the load will not receive INSTEON communications.

Using OutletLinc as a Responder

- 1) Make sure the load is on. If the load is not on, unplug it from OutletLinc and then plug it back in.
The load should turn on and the OutletLinc Status LED should turn on solid green
- 2) Set the Controller to Linking Mode*. (For most Controllers, press & hold an On or Scene button for 10 seconds or the Set button for 3 seconds.)
- 3) Press & hold the Set button on OutletLinc until it double-beeps (3 seconds)
The OutletLinc Status LED should flash once, and then turn on solid green
- 4) Confirm that Linking was successful by tapping the button you just Linked to on the Controller
OutletLinc should respond appropriately

Using OutletLinc as a Phase Bridger

OutletLinc can help bridge the phases in your home and allow RF-only devices access to power line-only devices. For the best INSTEON network performance, it is recommended that you install at least two dual-band INSTEON devices. Search for dual-band INSTEON devices at: www.smarthome.com/dualband.

Use the following procedure to test that the phases have been bridged:

- 1) Install additional dual-band INSTEON devices if they aren't already installed
- 2) Start Phase Bridging Detection Mode* by tapping the Set button on OutletLinc four times quickly
OutletLinc should begin beeping and the LED should be solid green
The load may turn on or flash
- 3) Check the LED behavior of the other dual-band devices to see if they are on the opposite phase
If at least one of the other dual-band device LEDs is blinking green, or is bright solid white or blue, the device is on the opposite phase. Continue to step 4.
If none of the other dual-band devices exhibit the behavior above, they are on the same phase. Try one or both of the following:
 - Follow steps 2 and 3 with the other dual-band devices to see if they are bridging the phases
 - Move a dual-band device to another location until it exhibits the desired behavior
- 4) Tap the Set button on OutletLinc to exit Phase Bridging Detection Mode
OutletLinc should stop beeping and the Status LED should remain solid green if the load is on or turn solid red if it is off

Complete Instructions, Troubleshooting, and Tech Support

Owner's Manual: http://wiki.smarthome.com/index.php?title=2472D_Manual

Call: INSTEON Gold Support Line at 800-762-7845

CAUTION for the Dimmer Outlet

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.

FCC Compliance Statement

This device complies with FCC Rules Part 15. Operation is subject to two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference that may be received or that may cause undesired operation. The digital circuitry of this device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in residential installations. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio and television reception. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause such interference, which can be verified by turning the device off and on, the user is encouraged to eliminate the interference by one or more of the following measures:

- Re-orient or re-locate the receiving antenna of the device experiencing the interference.
- Increase the distance between this device and the receiver.
- Connect the device to an AC outlet on a circuit different from the one that supplies power to the receiver.
- Consult the dealer or an experienced radio/TV technician.

WARNING! Changes or modifications to this device not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of that 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.

*Setup Modes will automatically time out after 4 minutes.