

Installation Guide

Home Automation Dimmer Switch PS155

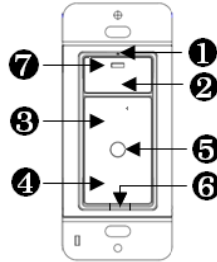


The PS155 is a smart, controllable dimmer, which includes a Light Sensor and Energy Meter, for your home's dimmer switch. Together with Controller, PS App (mobile Smartphone /Tablet), and all PS devices (switches, power outlets, dimmers, and sensors), the PS system provides you with the capability to control your home's electrical devices remotely from anywhere in the world for home automation.

WARNINGS AND CAUTIONS

- PS155 is intended to be used as a home dimmer switch; it should never be used for medical and/or life support equipment
- The operation and activation of PS155 can be controlled remotely in a different place, or by automatic programmed control. As the control may be intentional or unintentional due to programming, wrong button pressed, the result of the operation could be undesirable, unexpected, or even hazardous. Please exercise caution.
- If you are unsure or uncomfortable about performing the installation, please consult a qualified electrician.

Overview & Operation



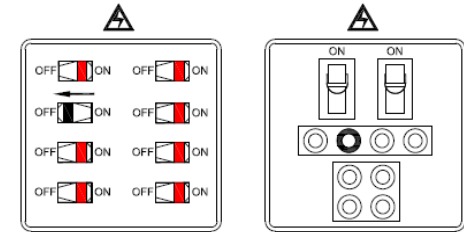
1. PS155 Reset Pin
 - ◆ Insert a small pin (e.g. paper clip) to power reset PS155 dimmer
2. Toggle Switch
 - ◆ Press to toggle the dimmer on or off manually; when it is turn on, it is set to the highest brightness level
 - ◆ Press and hold for 5 seconds to set the dimmer to scan mode
 - ◆ Press and hold for 10 seconds to reset the dimmer to factory default setting
3. Upper Dimmer control
 - ◆ Increase brightness, each press increases one brightness level. Press and hold to automatically increase the brightness levels
4. Lower Dimmer control
 - ◆ Decrease brightness, each press decreases one brightness level. Press and hold to automatically decrease the brightness levels
5. Light sensor
 - ◆ Sense the brightness in the surrounding
6. Air Gap Switch
 - ◆ Pull out to completely disconnect power
 - ◆ Push in for normal dimmer operation
7. LED
 - ◆ **Green and Orange** – Flashing alternatively => In scan mode
 - ◆ **Green and Orange** – steady on => Power is off and it is without ID
 - ◆ **Green** – steady on => Power is off and it is connected to the controller
 - ◆ **Orange** – steady on => Power is off and it lost connection to the controller
 - ◆ **Green and Orange** – steady off => Power is on

Installation

WARNING

To avoid fire, shock, or death, turn off the power at the electrical service panel before you install this device.

1. Turn off power to your light switch at the electrical service panel



2. Follow the steps below to inspect the receptacle in the switch box
 - ◆ Remove the receptacle's cover & the mounting screws.
 - ◆ Inspect and identify Ground, Neutral, Live, and Load wires in the receptacle:
 - 1 Load – always present and it is required (black wire)
 - 1 Ground – not always present, but it is optional (green wire)
 - 1 Live – always present and it is required (red or black wire)
 - 1 Neutral – not always present but it is required (white wire). The Neutral wire is usually present in a screw-on connector.

IMPORTANT :

If the Neutral wire is not present, then stop and contact support.

3. Disconnect the wires from the receptacle and remove it
4. Install the PS155 dimmer
 - ◆ PS155 has four wires: 1 black, 1 red, 1 white, and 1 green.
 - ◆ Please connect the wires between PS155 to switch using the screw-on connectors (see below)

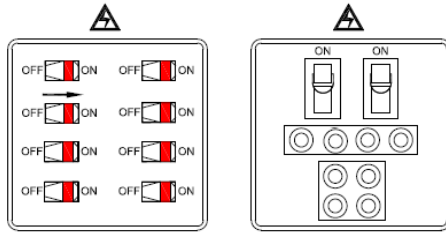
Black wire to Load
Green wire to Ground – if present
Red wire to Live
White wire to Neutral

- ◆ Mount PS155 into the switch box carefully.
- ◆ Screw on the screws
- ◆ Attach the switch's plate cover.

IMPORTANT :

The incorrect wires connection will result in dimmer not working.

5. Turn power on to your PS155 dimmer at the electrical service panel.



6. Push the Air Gap Switch all the way in for normal dimmer operation and control the lighting.
7. Test the PS155 dimmer by pressing the toggle switch to turn the dimmer On and Off

Note:

The orange and green status LED should be on when the dimmer is off, and should be off when the dimmer is on. The installation is now complete; you can add your PS155 dimmer to Controller, and control it using PS App.

Link PS155 to the Controller

Download and install the latest PS App to your mobile device, and refer to the walk through instructions from PS App's to add your PS155 dimmer to Controller. The main steps are:

- ◆ Use the PS App, set the Controller into the scan mode.
- ◆ Press and hold PS155 dimmer's toggle switch for 5 seconds to set it to scan mode.
- ◆ The pairing process between the Controller and PS155 dimmer will now take place.
- ◆ The PS App will show the new device, PS155 is added.
- ◆ Control PS155 using PS App via the Controller.



FCC Statement

This equipment 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 a residential installation. 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 communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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