

the radiant[®] collection

Smart Plug-In Outdoor Switch, Wi-Fi



before you start

Review this guide in its entirety. Consult an electrician with any questions or if you are unsure of your abilities.

Caution: To reduce the risk of injury and/or overheating and damage to other equipment:

- Connect the smart plug-in switch to a 120 VAC, 60 Hz power source ONLY.
- To reduce the risk of electric shock, this equipment has a grounding type plug that has a third (grounding) pin. This plug will only fit into a grounding type outlet. If the plug does not fit into the outlet, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.
- Before installation, ensure there is sufficient Wi-Fi signal strength of at least two bars. Using a smartphone or tablet on the same Wi-Fi network, go to the device intended location and check signal. If signal is weak, you may need a Wi-Fi Extender.

For installation support visit:
www.legrand.us/radiant/smart-lighting/support

general

Legrand's Smart Plug-In Outdoor Switch with GFCI function provides personal ground fault protection. Conventional over-current protection devices such as fuses and circuit breakers cannot protect people from electrical shock. Those devices are designed to disconnect the power when currents of several amperes flow from the hot wire to ground. However, currents as low as a few milliamperes can be dangerous to normal healthy human beings. One ampere equals 1000 milliamperes.

Many electrical shocks occur when the path of current flow is from the hot wire through the metal housing of a defective tool or appliance, through the body of a human being to the ground. Because of the resistance of the human body to electrical current flow, the current will be quite low relative to that required to cause conventional over-current protection devices to function. However, it is likely to be high enough to cause a painful or possibly lethal electric shock to a human being.

Legrand's Smart Plug-In Outdoor Switch is designed to remove power from the equipment loads when these loads have a potentially lethal ground current in excess of 6 milliamperes. Normal loads will draw current from the Hot Conductor (black wire) and return it to the power source through the Neutral Conductor (white wire). Faulty loads can return some of the current to the power source through a ground path such as a water pipe, gas pipe, wet floor, third conductor (green wire), or worst of all, through a person who is in contact with an extrinsic ground.

The Legrand Smart Plug-In Outdoor Switch's rugged construction allows it to be used in outdoor or indoor locations, where ground fault protection is desired. When energized by actuation of the reset button, it will conveniently supply power to any power tool or appliance whose load requirement does not exceed rated voltage and currents.

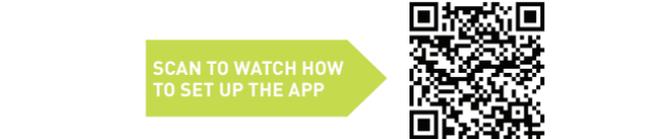
installation

- 1 Plug unit into 120 VAC power socket protected by fuse or circuit breaker.
- 2 With no load connected the unit will automatically become energized and the indicator will blink green and amber after 10 seconds.
- 3 Press "Test/Off" button.
- 4 Verify the lamp indicator changes to blink white and amber (this step denotes that power is off).
- 5 Press and release "Reset/On" button for use.
- 6 Connect the desired load equipment to cord receptacle and operate equipment normally.

NOTE: All three plugs are controlled together.

setup up your system

- a Download and launch the Smart Lights, Wi-Fi app by Legrand. The app is available on the App Store or on Google Play.
- b Connect your Smart Plug-In Outdoor Switch to your home network by following the step by step instructions in the app.
- c Use the app to control your Smart Plug-In Outdoor Switch.



getting to know your switch

Item	Name	Description
1	LED Locator Light	<ul style="list-style-type: none"> Indicates the current state of the device. See LED locator Light Explanations for detail.
2	Off Button	<ul style="list-style-type: none"> Turns the device off. Also used to test GFCI function.
3	On Button	<ul style="list-style-type: none"> Turns the device on. Also used to reset the GFCI function.

LED LOCATOR LIGHT EXPLANATIONS

LED Color	State of Light	Explanation
	Green Blinking Amber	Device is attempting to connect to the network.
	Solid White	Device is connected to network and is off.
	Solid Green	Device is connected to network and is on.
	Solid Red	Device is off due to ground fault. Determine fault and press RESET.



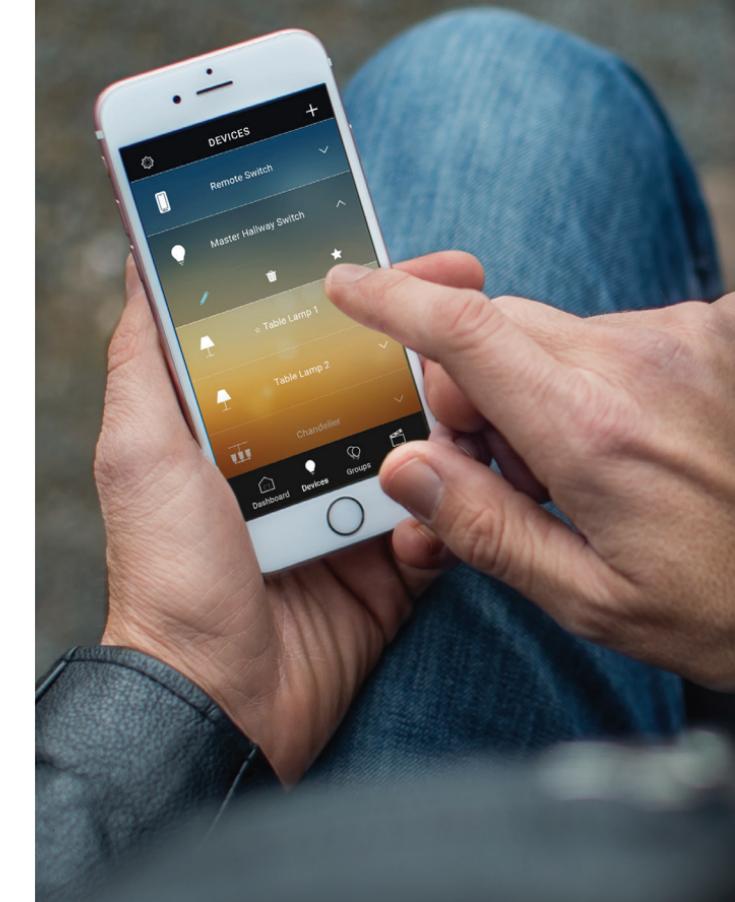
warnings

If the GFCI fails to trip when the Test button is pressed (lamp indicator fails to turn white) or, if the GFCI fails to reset when the Reset button is pressed (lamp indicator fails to remain green), the device should be replaced.

If the GFCI tests properly without any appliance plugged into it, but trips each time the appliance is plugged in, the appliance has a ground fault and needs to be repaired or replaced. **DO NOT BYPASS THE GFCI. IF THIS CONDITION OCCURS, A REAL SHOCK HAZARD MAY EXIST.**

cautions

1. Do not connect any electrical cord longer than 250 feet to the GFCI output receptacle in order to avoid possibility of nuisance tripping.
2. This GFCI device is to be used on 120V/60Hz circuit only (such as normal house-hold electrical distribution system).
3. Ground fault circuit interrupters, whether this device or any other, cannot protect against electrical shock resulting from contact with both hot and neutral wires of the electrical circuit nor against defects in any wiring supplying the device.
4. **DO NOT USE IF THE BUTTON BOOTS OR CASE OR CORD HAVE BEEN DAMAGED.**
5. Test frequently and at least before each use of load equipment to ensure correct operation.
6. The GFCI is designed as a protective device.
7. Do not use on circuit with life support apparatus.



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regulatory information

FCC NOTICE

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 undesirable operation.

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 equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the transmitter's radiating structure(s) and the body of the user or nearby persons.

NOTE: Any changes or modifications to this device that are not expressly approved by the manufacturer will void the warranty and the user's authority to operate the equipment.

FCC ID: A3LCWAM210S

IC NOTICE

This device complies with Industry Canada license-exempt RSS standards. 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 the device.

RF EXPOSURE STATEMENT

This equipment meets the SAR evaluation limits given in RSS-102 Issue 5 requirements at the minimum separation distance of 15 mm to the human body. Note: Any changes or modifications to this device that are not expressly approved by the manufacturer, will void the warranty and the user's authority to operate the equipment.

IC ID: 649E-CWAM210S

specifications

Load	Rating
Resistive	120 VAC, 60 Hz, 15 A
Incandescent/halogen	1800 W
Ballast	15 A standard/electronic
Motor	½ HP
LED	5A

Legrand reserves the right to change specifications without notice.

notes

Legrand's Smart Plug-In Outdoor Switch will provide protection against ground faults when used with a 2-wire outlet receptacle and a 3-wire to 2-wire adapter. It is always desirable when possible to use a 3-wire grounded receptacle because a ground provides additional protection against electrical shock hazard. The adapter should be of the type that can be grounded to the outer mounting plate screw.

The GFCI does not sense ground faults in the input conductors, therefore it is recommended that if any extension cords are used, they should be connected between the GFCI's output and the tool or appliance to be powered. Your GFCI is now ready to test and use.

questions? we're here to help

PHONE: 1-877-833-3303

8:00 a.m. to 8:00 p.m. EST (M-F)

EMAIL: smartlighting@legrand.us

CHAT: <https://www.legrand.us/radiant/smart-lighting.aspx>

(Click on the  icon to open a dialogue box)



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