



legrand WNRH1 Radiant Smart Gateway Lighting Hub And Controller Installation Guide

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legrand WNRH1 Radiant Smart Gateway Lighting Hub And Controller



BEFORE YOU START

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

Warning: Incorrect installation could result in death, serious injury, and/or damage to your home or devices.

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

- For dry, indoor use only.
- Do not use to power medical equipment – not suitable as a disconnecting means.
- Do not use with loads exceeding the device load rating.
- Connect the Gateway to a 120 VAC, 60 Hz power source ONLY.
- Always use copper wire to install the Gateway and follow all applicable local & national electrical codes.

WHAT YOU NEED

Required:

- Phillips-head screwdriver
- Flat blade screwdriver

You May Also Need:

Voltage tester, pliers, wire cutter, wire stripper, electrical tape, flashlight, wiring leads (included), and wire nuts (included).

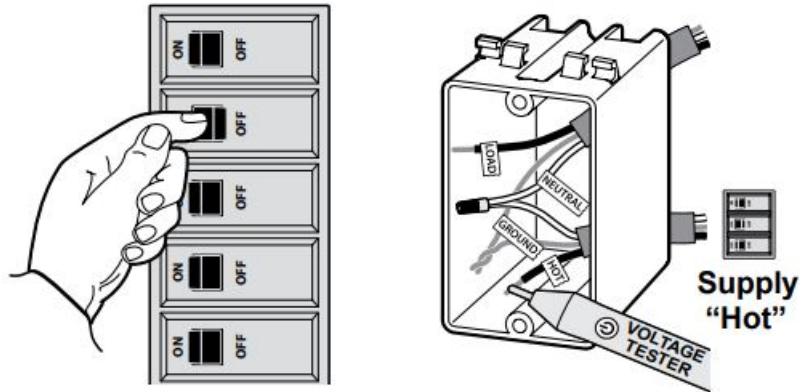
INSTALLATION & SETUP

Choose a place to install the Gateway

- If there is an Internet router in the home, use a smartphone to check if the WiFi signal is strong enough in the chosen place.
- If there isn't a router yet, choose a place near a fiber or Ethernet port which will be used for the router.
- This device is compatible with standard U.S. electrical boxes, attach with screws.

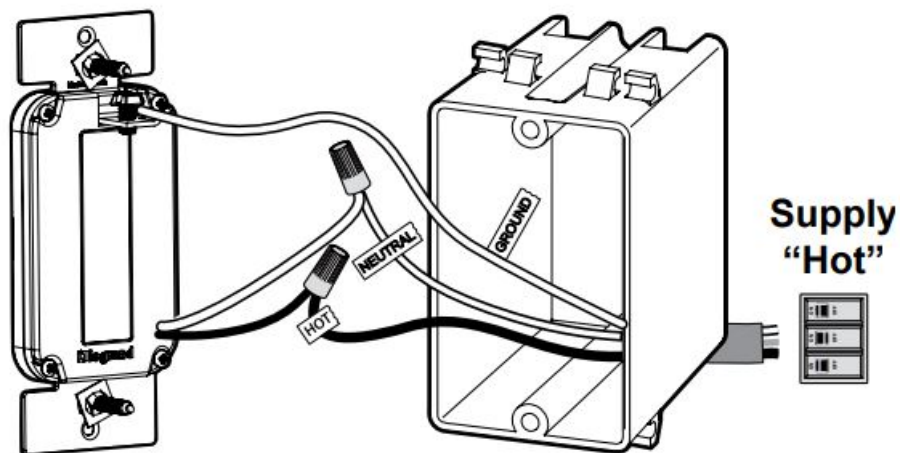
Turn off power to the box at circuit breaker

NOTE: Ensure power is off to all devices in the electrical box.



Remove existing device Check for the following wires:

- HOT or LINE: Receives power from the circuit box. Referred to as "HOT" for the purpose of this guide. Do not touch or let "HOT" wire contact other wires.
- LOAD: Directs power to your load (light or outlet).
- NEUTRAL: Creates a path to return current to the power source when the device is off. Required for your Gateway installation.
- GROUND: Provides a safe path for electricity in the event of a short circuit.



Install the Gateway

Use the wire nuts provided to secure the wires together.

- Connect the WHITE neutral wire on the Gateway to the neutral wire(s) in the box, using the included wire nut.

- Connect the HOT wire on the Gateway to the HOT wire(s) in the box.
- Connect the ground wire in the box to the green ground screw on the Gateway.

Secure Gateway

- Fold the wires into the electrical box, taking care not to pinch a wire.
- Use included screws to secure Gateway to the electrical box. Do not fully tighten the screws.

Set up the Gateway

NOTE: See getting to know your Gateway section for feature details.

Turn the power back on at the circuit breaker. To confirm power is on, the LED on the Gateway should be solid magenta for 5 seconds. After initializing, the LED will blink green to indicate setup mode. Follow the instructions from the app to finish setting up your system.

Set up your System

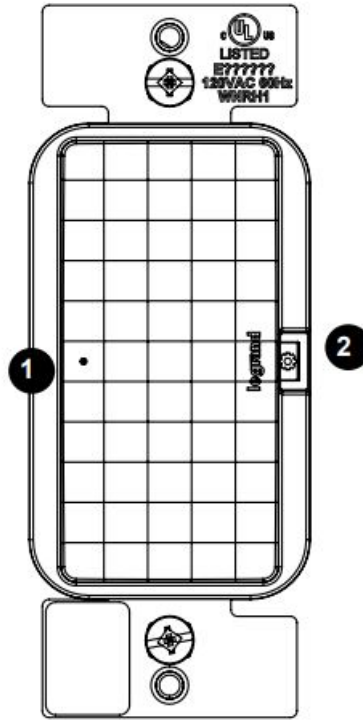
- Download and launch the Legrand Home + Control app. The app is available on the App Store or on Google Play.
- Connect your smart device to your home network by following the step by step instructions in the app.
- Use the app to control your smart device.

For the most recent instruction sheets or more information on this product, please see this link or scan the QR code: <https://www.legrand.us/p/wnrh1wh>



GETTING TO KNOW YOUR GATEWAY

Item	Name	Description
1	LED Indicator Light	Indicates the current state of device during setup.
2	EZ Button	Used to initiate setup.



LED Indicator Light Explanation

Action	LED	Gateway Behavior
Power to the Gateway	Magenta for 5 seconds	Gateway booting up
After Gateway boot up	Flashes green for 15 minutes	Setup mode: refer to app
Press EZ Button for 20 seconds	Solid orange	Factory reset
Gateway receives an update	Flashes blue for 2–3 minutes	Gateway is updating

Reset To Factory Default

Deleting a device from the app will reset it to factory defaults.

To manually reset the device to factory defaults press and hold the EZ button for 20 seconds until you see the LED turn solid orange, then release. When the LED blinks green, follow the instructions from the app to finish setting up your system. Legrand reserves the right to change specifications without notice.

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 90 mm 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. Contains

FCC ID: 2AU5D-WNRH1

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
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 90 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: 25764-WNRH1

HVIN: WNRH1

Documents / Resources

	<p>legrand WNRH1 Radiant Smart Gateway Lighting Hub And Controller [pdf] Installation Guide WNRH1, Radiant Smart Gateway Lighting Hub And Controller</p>
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References

- [Legrand CA | Delivering and Managing Power, Light, and Data](#)
- [Legrand US | Delivering and Managing Power, Light, and Data](#)
- [Patents | Legrand](#)
- [radiant® Smart Gateway with Netatmo, White | Smart Lighting | radiant Collection | Wiring Devices](#)

