



legrand WNRH10KIT Radiant Smart Gateway and Switch Instruction Manual

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legrand WNRH10KIT Radiant Smart Gateway and Switch

[legrand-WNRH10KIT-Radiant-Smart-Gateway-and-Switch-PRODUCT](#)

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 and 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

1. 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.
2. If there isn't a router yet, choose a place near a fiber or Cat 5 socket which will be used for the router.
3. This device is compatible with standard two gang U.S. electrical boxes, attach with screws, or it may also be installed over the wall, next to a one gang standard electrical box. The Gateway can be installed with the Smart Switch shipped with the product, or next to any UL listed device in the home.

• Turn off power to the box at circuit breaker

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

• Remove existing device

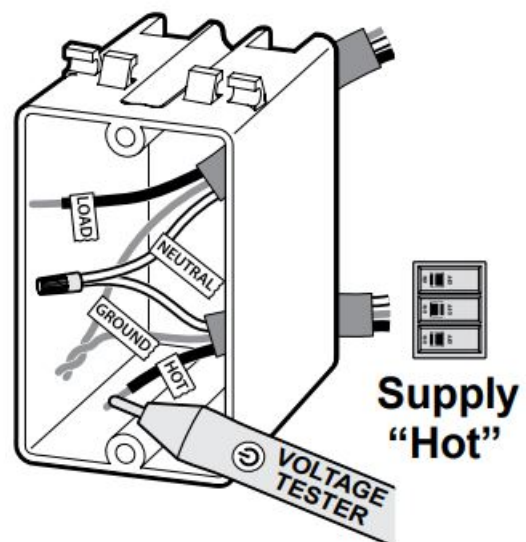
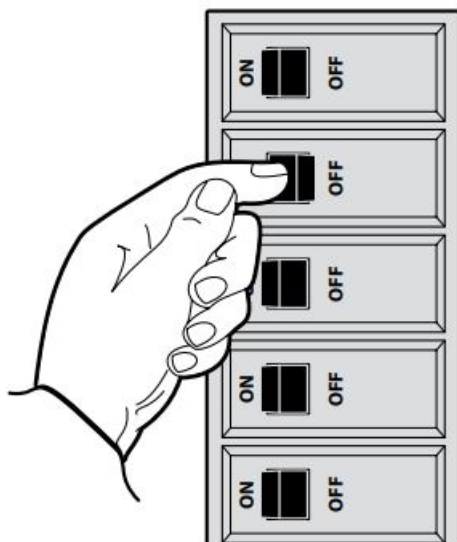
Check for the following wires:a.

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).

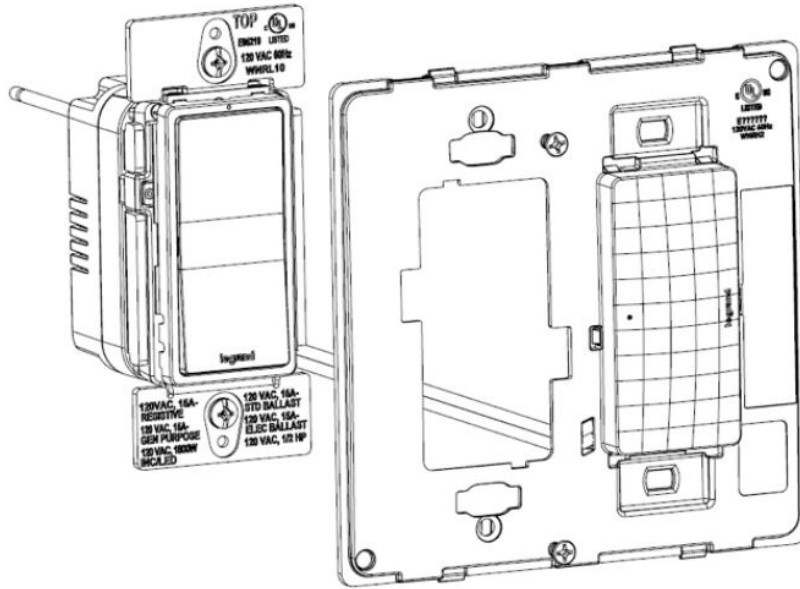
NEUTRAL: Creates a path to return current to the power source when the device is off. Required for your Gateway installation.

GROUND: Provides a safe path for electricity in the event of a short circuit.



- **Attaching Smart Switch to the Smart Gateway**

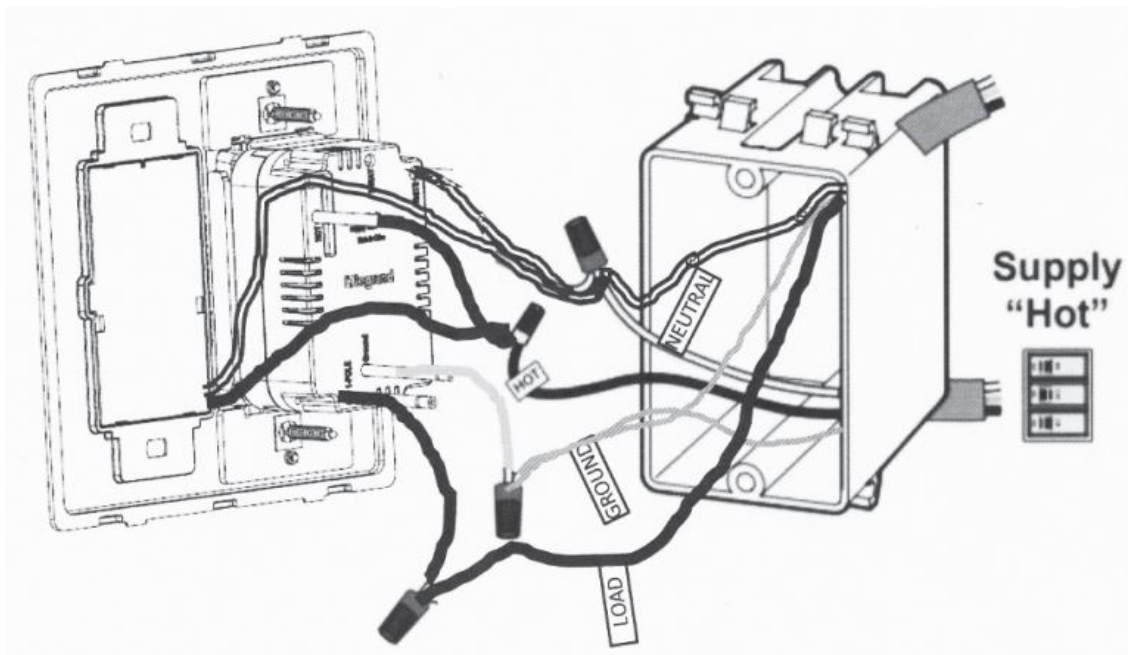
Attach the gateway to the Smart Switch device strap using the #6-32 x 1/4" screws supplied. Orient Gateway to either left or right of box as desired



- **Wiring**

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, and to the white NEUTRAL wire on the Smart Switch using the red wire nut.
- Connect the black HOT wire on the Gateway to the HOT wire(s) in the box and to the black HOT wire on the Smart Switch using the red wire nut..
- Connect the GROUND wire(s) in the box to the GROUND wire on the Smart Switch.
- Connect the red LOAD wire on the Smart Switch to the LOAD wire(s) in the box.



- **Secure Gateway**

- Fold the wires into the electrical box, taking care not to pinch a wire.
- Use included screws to secure the Smart Switch to the electrical box with the Gateway hanging over the wall.

- If further attachment is desired (not required), use either drywall screws to attach to stud if present, or use drywall anchors provided (may need to remove screws from Step 5b after marking location for drill hole). If mounted over tile or marble, the provided adhesive strip may be used instead.

• 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 red.

Press the EZ button on the Gateway, the LED will blink magenta to indicate setup mode. Follow the instructions from the app to finish setting up your system.

• Set up your System

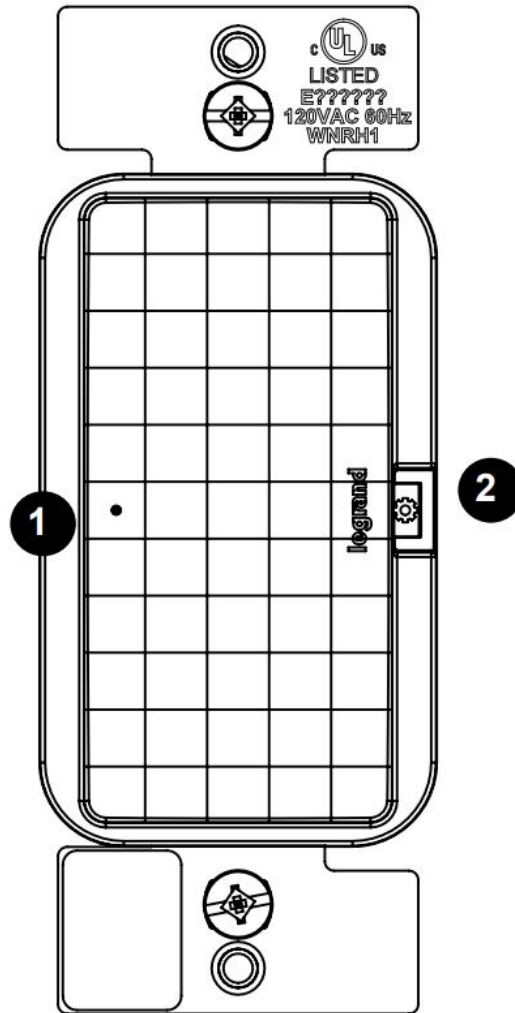
For more information on this product please see this link, or scan the QR code:

<https://www.legrand.us/radiant/products/smart-lighting/whrh10kit.aspxg>



GETTING TO KNOW YOUR GATEWAY

Item	Name	Description
1	Gateway LED Indicator Light	Indicates the current state of device during setup.
2	Gateway EZ Button	Used to initiate setup.
3	Paddle Switch	Press the top of the paddle to turn light on and the bottom of paddle to turn light off.
4	Smart Switch LED indicator light	Indicates the current state of device. Refer to “LED Locat or Light Explanations” for detail.
5	Smart Switch EZ Button	Used to enter setup mode.



LED Indicator Light Explanations

State of Light	Explanation
Solid Red	Factory reset, not in network.
Blinking Magenta	Device is attempting to connect to the network.
Solid Magenta	Device in network, temporarily open.

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..

LIMITED ONE YEAR WARRANTY

Legrand will remedy any defect in workmanship or material in Legrand products which may develop under proper and normal use within one years from date of purchase by a consumer:

(1) by repair or replacement, or, at Legrand's option, (2) by return of an amount equal to consumer's purchase price. Such remedy is IN LIEU OF ANY AND ALL EXPRESSED OR IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Such remedy by Legrand does not include or cover cost of labor for removal or reinstallation of the product. ALL OTHER FURTHER ELEMENTS OF DAMAGE (INCIDENTAL OR CONSEQUENTIAL DAMAGES) FOR BREACH OF ANY AND ALL EXPRESSED OR IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXCLUDED HEREBY. (Some states do not allow disclaimers or exclusion

or limitation of incidental or consequential damages, so the above disclaimer and limitation or exclusion may not apply to you.) ANY IMPLIED WARRANTIES INCLUDING WHERE REQUIRED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL BE LIMITED TO THE one YEAR PERIOD SET FORTH ABOVE. (Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.)

To ensure safety, all repairs to Legrand products must be made by Legrand, or under its specific direction.

Procedure to obtain performance of any warranty obligation is as follows: (1) Contact Legrand, Syracuse, New York 13221, for instructions concerning return or repair; (2) return the product to Legrand, postage paid, with your name and address and a written description of the installation or use of the Legrand product, and the observed defects or failure to operate, or other claimed basis for dissatisfaction. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

FCC COMPLIANCE

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: 2AU5D982057

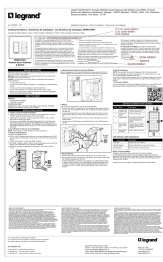
IC NOTICE: This device complies with Industry Canada license-exempt RSS standards. Operation is subject to the following two conditions: (1) this device may not cause interference; and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

RF EXPOSURE STATEMENT: This equipment meets the SAR evaluation limits given in RSS-102 Issue 5 requirements at the minimum separation distance of 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: 25764-982057

HVIN: 982057

Documents / Resources

	<p>legrand WNRH10KIT Radiant Smart Gateway and Switch [pdf] Instruction Manual WNRH1, 2AU5D-WNRH1, 2AU5DWNRH1, WNRH10KIT Radiant Smart Gateway and Switch, WNRH10KIT, Radiant Smart Gateway and Switch</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](#)
- [📄 Smart Lighting from the radiant Collection Legrand](#)

Manuals±.