FCC Compliance Statement

Compliance Statement 15.21 & 15.105

Federal Communications Commission Interference 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.

Warranties and Limitation of Liability

Please refer to **www.cooperlighting.com** for our terms and conditions.

Garanties et limitation de responsabilité

Veuillez consulter le site **www.cooperlighting.com** pour obtenir les conditions générales.

Garantías y Limitación de Responsabilidad

Visite **www.cooperlighting.com** para conocer nuestros términos y condiciones.

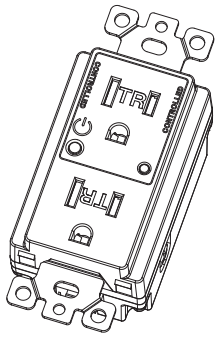
Cooper Lighting Solutions
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.cooperlighting.com

Printed in USA
Imprimé aux États-Unis
Impreso en los EE. UU.
Publication No. IB503016EN
April 2018

WR-15
WaveLinx 15A Wireless Controllable Receptacle Tamper Resistant

Specifications

Voltage	120VAC, 60Hz
Incandescent	1000W
Ballast	1200VA
Resistive	15A(1800W)
Motor	1/2 HP
Wireless Frequency	2.4 GHz
Operating Temperature	32-104° F, 0-40° C
Range	Up to 100 feet line of sight



Features

- Wireless IEEE 802.15.4 technology creates a mesh network for command and control receptacle
- Manual ON/OFF push button or remote control
- Green/red color LED for status suitable for loads up to 15A
- Simplified plug load control
- Drag and drop programming via WaveLinx Mobile application
- Supports overrides for Demand Response
- Decorator style color matched wallplates
- Provides power measurement reporting
- Tamper-Resistant (TR)

Description

The WR-15 WaveLinx wireless receptacle is an integral part of the WaveLinx Wireless Connected Lighting (WCL) System and provides simplified wireless plug load control. Plug load control is required now in many building codes as part of an energy saving control strategy. The wallbox mounted wireless duplex receptacle provides a constantly powered bottom outlet and a wirelessly controlled top outlet. The NEMA wireless receptacle includes the NEMA symbol for identifying a controlled receptacle as well as tamper resistant outlets for safety. The wireless receptacle operates on a wireless mesh network based on IEEE 802.15.4 standards.

As part of the WaveLinx System, the wireless receptacle enables energy savings by turning OFF the top outlet when the area is unoccupied. The wireless receptacle is automatically paired with all WaveLinx occupancy sensors in a space when it is assigned to an area using the Wavelinx Mobile application. The wireless receptacle uses standard AC power wiring and has an internal relay that will Open/Close the controlled outlet. The use of wireless control features of WaveLinx reduces the wiring needed during installation. Use of the wireless control features of the receptacle also includes power measurement capabilities that can be displayed in the WaveLinx Mobile application.

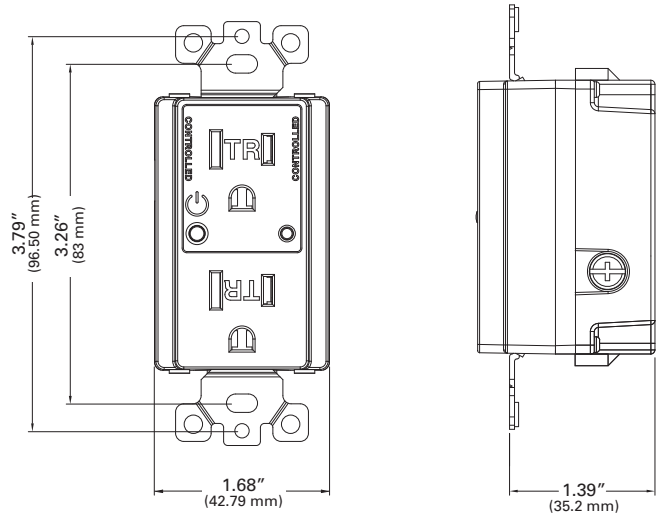
Warnings and Cautions ⚠

To be installed and/or used in accordance with appropriate electrical codes and regulations.

Exercise extreme caution when using remote controllable devices to control appliances.

Operation of the device may be in a different room than the controlled appliance, also an unintentional activation may occur if the wrong button on the remote is pressed resulting in unwanted power on. Controllable devices should never be used to supply power to, or control the On/Off status of medical and/or life support equipment.

Dimensions



Installation

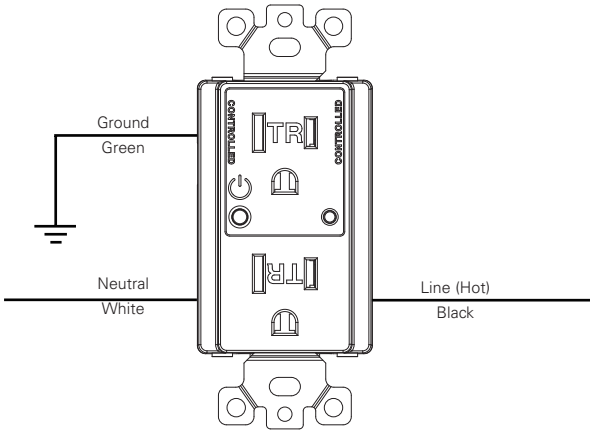
This receptacle may be used in new installations or to replace an existing wall receptacle. Indoor use only.

WARNING:

TO AVOID FIRE, SHOCK ,OR DEATH ,TURN OFF THE POWER AT THE CIRCUIT BREAKER BEFORE INSTALLING THIS RECEPTACLE.

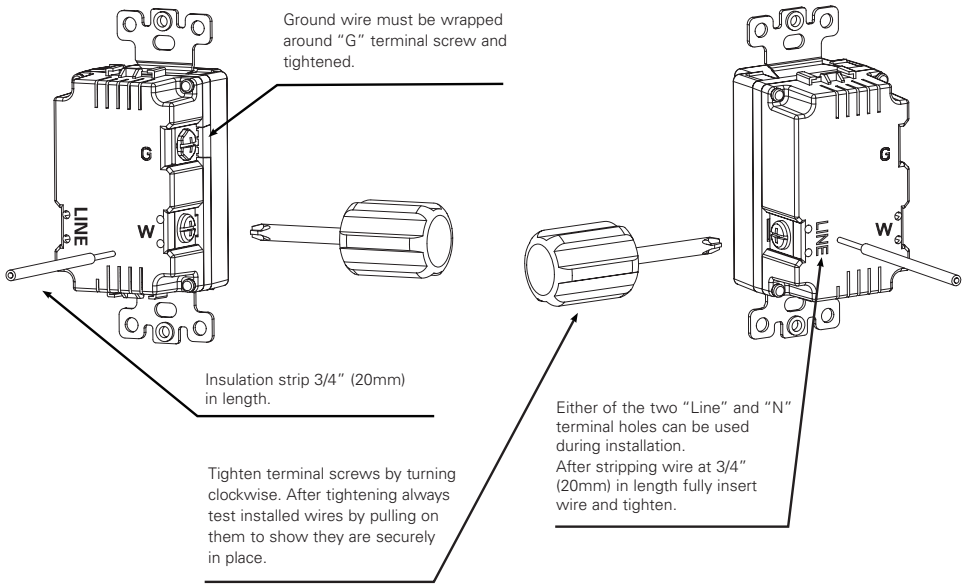
1. Warning!: Verify power is OFF before continuing.
2. For retrofit applications, remove wall plate.
3. Remove the existing receptacle from the box.
4. Disconnect the wiring from the existing receptacle.
5. Connect the receptacle as shown in the wiring diagram: Black lead to line (hot) wire, white lead to neutral wire, green lead to ground wire.
6. Check connections to be sure they are tight and no bare conductors are exposed.
7. Insert the receptacle into the outlet box carefully.
8. Attach the receptacle to the box using supplied screws.
9. Attach the wall plate.
10. Restore power at the circuit breaker and test the system.

Wiring Diagram

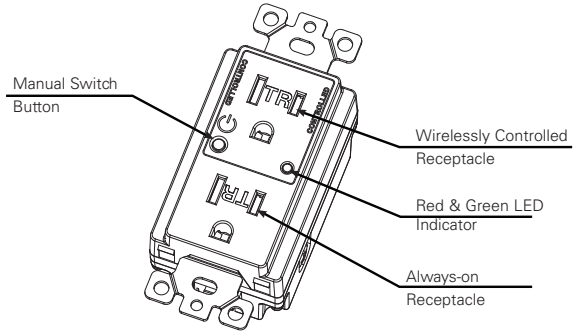


Installation Instructions

Wire Installation color guide	Strip conductor insulation 3/4″ (20mm)
Black - Line	Tighten terminal screws to 14 lbf-in
White - Neutral (N)	Use only 14 AWG copper or copper clad wire with this device
Green - Ground (G)	



Operations



Basic Operation

The controlled outlet can be turned ON in two ways:

1. Manually by switch button located on receptacle from plate.
2. Top receptacle controller wirelessly by the WaveLinx Wireless Area Controller (WAC).

Manual Control

The switch button on receptacle allows user to:

1. Manually turn the connected equipment ON or OFF by short pressing the button. When the LED indicator turns off means controlled outlet is OFF. When the green LED indicator turns green means controlled outlet is ON.
2. Manually put receptacle into pairing mode to Gateway by long pressing the button. When pairing mode is activated LED indicator will flash red. Please note when putting receptacle into pairing mode will also reset the receptacle.