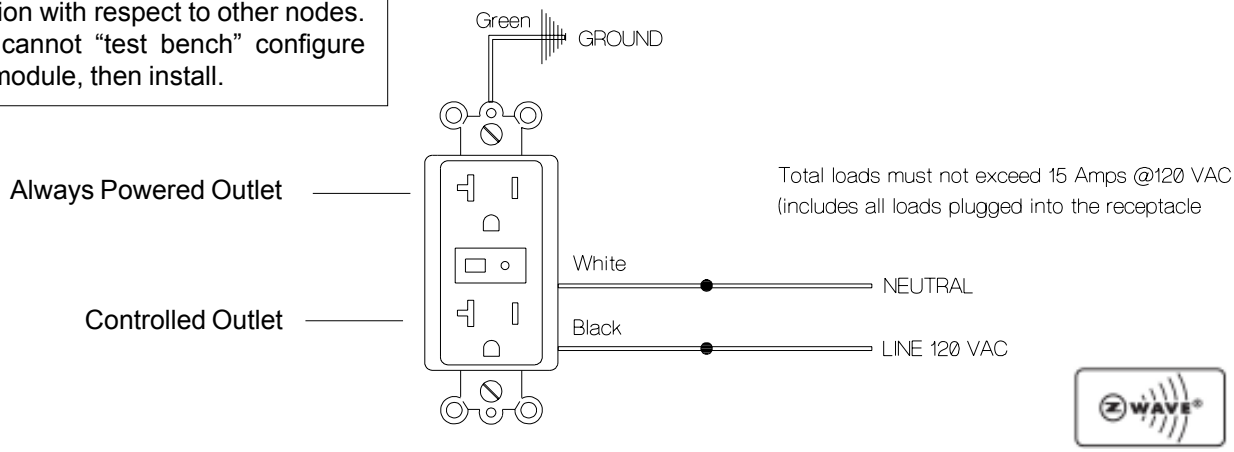
HomePro
RF Home Automation

ZRR150

Radio Frequency Controlled, 120 VAC, 15A, Duplex Receptacle, Series 300, Rel. 2.1

Note: This module must be "Included in the Network" **only where it will be permanently installed**. The proper operation of this node in the mesh network is dependent on it knowing its location with respect to other nodes. You cannot "test bench" configure this module, then install.



- **This product supports Zensor Net Beam technology.**

ZRR150 DUPLEX RECEPTACLE

The ZRR150 Duplex Receptacle is a component of the HomePro lighting control system. Wire the Duplex Receptacle in place of a standard receptacle according to the diagram above and program from the Wireless Controller to operate loads. Inclusion of this Receptacle on the ZTH100 Wireless Controller menu allows remote ON/OFF control of loads connected to the controlled outlet. The other outlet remains powered all the time.

This ZRR150 Duplex Receptacle is designed to work with other Z-Wave enabled devices. Z-Wave nodes of other types can be included in the system and will also act as repeaters if they support this function of repeating the signal received, to other modules in the system.

This product supports 40Kbps data transmission. This product can also be used for networking support in systems that stream metadata. An example might include transmission of information from audio devices such as song title, artist, and album information to various displays around the home.

As part of a Z-Wave network, the ZRR150 will also act as a wireless repeater to insure that commands intended for another device in the network are received. This is useful when the device would otherwise be out of the radio range of the wireless controller.

There are no field repairable assemblies on this unit. It is covered by a one year limited warranty. If service is needed, the unit must be returned where purchased.

DANGER! SHOCK HAZARD. Read and understand these instructions before installing. This device is intended for installation in accordance with the National Electric code and local regulations in the United States, or the Canadian Electrical Code and local regulations in Canada. It is recommended that a qualified electrician perform this installation.

Make sure the total load controlled does not exceed 1800 watts. For indoor use only. Retain instructions for future use.

INSTALLATION

Wire this Receptacle in place of a current receptacle according to the diagram above. Use copper wire only, or the equivalent. See the ZTH100 Wireless Controller operating instructions to add this module under the command of the Wireless Controller.

INCLUDING ZRR150 TO THE NETWORK

STEP 1.. Prepare the Controller to include a unit to the network, by selecting “Groups” and “Add Unit to Group” (method of adding a node to the network). Refer to controller instructions.

STEP 2. The ZRR150 must be in its permanently installed location. Tap the button on the face of the ZRR150 once when your controller indicates “Press Button on Unit”.

STEP 3. You should see an indication on your Controller that the “Device was Included” in the network.

NOTE: If you have trouble adding the ZRR150 to a group it may be that the Home ID and Node ID were not cleared from it after testing. You must first “Reset Unit” with your controller to remove it from the network. If using the ZTH100 select “Setup” and scroll to “Reset Unit”

Although adding it to a group includes it in the network, removing it from a group does not remove it from the network. If removed from a group, it functions as a repeater only. “Reset Unit” removes it from the network.

Receptacle Configuration

The ZRR150 Receptacle controls the ON and OFF of a load connected to the controlled outlet **(see diagram on page one for identification)**. The other outlet remains powered all the time. A button on the face of the receptacle is used to add the module to the wireless network and be controlled from the wireless controller. With the Wireless Controller, the ZRR150 Receptacle can be turned ON and OFF remotely, and can be included in groups that operate at the same time (a group can also be a single module), and in scenes that set a lighting mood.

Local ON and OFF

When the button on the face of the ZRR150 is pressed, the power to the controlled outlet will turn on. When the button is pressed again, the the controlled outlet will turn off.

Child Protection

The ZRR150 controlled outlet can be set in a child protect mode by the Wireless Controller. When this mode is active, a user will have to press the button on the face 3 times rapidly to activate the attached load. The module operates normally when controlled by the Wireless Controller..

Other functions

The button on the face of the ZRR150 Receptacle can be used to carry out inclusion (add to a group), association (operate simultaneously with other nodes), exclusion (remove from group) or reset (remove from network). This is described in more detail in the Advanced Wireless Controller instructions on our web site.

The ZRR150 has a blue indicator LED. This LED will turn on when the controlled outlet is on and will turn off when the controlled outlet is off. However, its behavior can be configured as a “night light” (LED ON when the controlled outlet is off). See Configuration section below on how to do it.

ADVANCED OPERATION

Configuration

The ZRR150 supports the Configuration command.

The ZRR150 has some features that can be configured (If your controller supports it).

The ZRR150 can be configured to operate slightly differently than how it works when you first install it. You can use a HomePro ZTH100 Wireless Controller to send Configuration commands (refer to the Setup Menu, Configuration section of the ZTH100 instructions). Using the Configuration command you can configure the following:

Nightlight:

Set this parameter to 0 to have the blue indicator LED show state of controlled outlet (indicator ON = outlet ON).

Set this parameter to 1 to have indicator show the opposite state of controlled outlet (indicator ON = outlet OFF)

- **Configuration Parameter No 3:**
- **Length: 1 Byte**
- **Valid Values: 0 or 1 (Default: 0)**

SPECIFICATIONS

Power	120 VAC, 60 Hz
Maximum Load	Resistive: 15 amps (1800 watts) maximum, 120 VAC
Signal (Frequency)	908.42 MHz
Range	Up to 100 feet line of sight between the Wireless Controller and/or the closest HomePro Module

WARRANTY

For warranty and general product information visit our web site at www.act-solutions.com

ABOUT ZRR150'S CERTIFICATION

The ZRR150 is certified to comply with applicable FCC and IC rules and regulations governing RF and EMI emissions.
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.

FCC NOTICE

Note: 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.

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

IC NOTICE

This Class B digital apparatus complies with Canadian ICES-003

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

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.

Products that speak Z-Wave work together better.™