

This device complies with Part 15 of the FCC and Industry Canada license-exempt RSS standards. 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 NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

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 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:

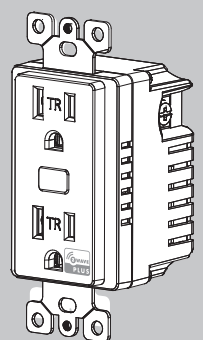
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Important note: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

ZW1002
 FCC — U222V1002 | IC: 6504A-ZW1002
 Jasco Products Company | Model:
 ZW100214288/14287
 10 E. Memorial Rd., Okemah, OK 73114 |
 1-800-654-8483
 CANICES-3(B)/NMB-3(B)

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14288
 ZW1002



CVL-IWR-10

ClareVue
 In-Wall Receptacle



WARNING

RISK OF FIRE
RISK OF ELECTRICAL SHOCK
RISK OF BURNS

CONTROLLING APPLIANCES:
 EXERCISE EXTREME CAUTION WHEN USING Z-WAVE DEVICES TO CONTROL APPLIANCES. OPERATION OF THE Z-WAVE 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. Z-WAVE DEVICES MAY AUTOMATICALLY BE POWERED ON DUE TO TIMED EVENT PROGRAMMING. DEPENDING UPON THE APPLIANCE, THESE UNATTENDED OR UNINTENTIONAL OPERATIONS COULD RESULT IN A HAZARDOUS CONDITION. FOR THESE REASONS, WE RECOMMEND THE FOLLOWING:

- DO NOT USE Z-WAVE DEVICES TO CONTROL ELECTRIC HEATERS OR ANY OTHER APPLIANCES WHICH MAY PRESENT A HAZARDOUS CONDITION DUE TO UNATTENDED OR UNINTENTIONAL OR AUTOMATIC POWER ON CONTROL.

NOT FOR USE WITH MEDICAL OR LIFE-SUPPORT EQUIPMENT
 Z-WAVE ENABLED DEVICES SHOULD NEVER BE USED TO SUPPLY POWER TO, OR CONTROL THE ON/OFF STATUS OF MEDICAL AND/OR LIFE-SUPPORT EQUIPMENT.

Warranty
 Clare Controls offers a two (2) year limited warranty on original Clare Controls components, from the date of shipment from Clare Controls. To view complete limited warranty details, including limitations and exclusions, visit www.clarecontrols.com/warranty.

SPECIFICATIONS
 ZW1002
 Power: 120VAC, 60Hz
 Signal (Frequency): 908.4/916MHz
 Total max load for both outlets: 1800W (15A), resistive load
 Max load for Z-Wave controlled outlet: 960W, incandescent, 1/2HP motor or 1800W (15A) resistive Range: Up to 150ft. line of sight between the wireless controller and the closest Z-Wave receiver module.
 Operating Temperature Range: 32-104° F (0-40° C)
 For indoor use only.
 Specifications subject to change without notice due to continuing product improvement

1.

Tools you will need

IMPORTANT!

The device plugged into the Z-Wave controlled smart outlet on this module must not exceed 960W (incandescent); 15A, 1800W (resistive); or 1/2HP (motor). The total maximum rating for both outlets combined is 1800W (15A) resistive load.

Getting to know your new Z-Wave device

- One Z-Wave remote controlled outlet.
- One always-ON outlet.
- Remote ON/OFF control via the Z-Wave controller/network.
- Manual ON/OFF control with the manual/program button.
- Blue LED indicates outlet location in a dark room.
- This Z-Wave device has advanced features that allow you to customize your experience. These features can only be adjusted by a Z-Wave enabled controller that supports the Z-Wave configuration command class. See the available configurations parameters at the end of this guide for details.

2.

A. Line (Hot) D. Always-on outlet
 B. Neutral E. Manual/Program button
 C. Ground F. Z-Wave controlled outlet

WARNING — SHOCK HAZARD

Turn OFF the power to the branch circuit for the switch and lighting fixture at the service panel. All wiring connections must be made with the POWER OFF to avoid personal injury and/or damage to the outlet.

3.

Wiring

1. Shut off power to the circuit at circuit breaker or fuse box.
2. Remove wallplate.
3. Remove the outlet mounting screws.
4. Carefully remove the outlet from the outlet box.
5. Disconnect the wires from the existing outlet. Label wires according to the previous terminal connection.
6. There are three screw terminals on the Z-Wave smart outlet; these are marked:
 A. LINE (Hot) — Black (connected to power)
 B. NEUTRAL — White
 C. GROUND — Green/Bare
 Match these screw terminals to the wires connected to the existing outlet.

Observe important wiring information

Always follow the recommended wire strip length (5/8in. or 16mm) and wiring combination when making wiring connections. Consult an electrician with questions or for professional installation.

UL specifies the tightening torque for the screws is 14 Kgf-cm (12 lbf-in).

IMPORTANT! The screw terminals in this receptacle are intended to only be used with copper wire. Consult a qualified electrician if you have aluminum wiring.

Wire gauge requirements

Use 14AWG or larger wires suitable for at least 80° C for supplying line (hot), neutral, ground and connections.

1. Insert Z-Wave controlled outlet into the box being careful not to pinch or crush wires.
2. Secure the controlled outlet to the box using the supplied screws.

4.

Adding your device to the Z-Wave network

1. Follow the instructions for your Z-Wave certified controller to add a device to the Z-Wave network.
2. Once the controller is ready to add your device, press and release the program button to add it in the network.

Please reference the controller/gateway manual for instructions.

Now you have complete control to turn your fixture ON/OFF according to groups, scenes, schedules and interactive automations programmed by your controller.

If your Z-Wave certified controller features remote access, you can control your fixture from your mobile devices.

To remove and reset the device

1. Follow the instructions for your Z-Wave certified controller to remove a device from the Z-Wave network.
2. Once the controller is ready to remove your device, press and release the manual/program button to remove it from the network.

To return to factory defaults

Press the button 3 times, then press and hold the button for at least 3 seconds. The LED will blink 5 times to confirm.

NOTE: This should only be used in the event your network's primary controller is missing or otherwise inoperable.

Available configuration parameters

LED Light

Parameter No: 3
 Length = 1 byte
 Possible values = 0 (default), 1 or 2
 Value descriptions
 "0" - LED ON when load is ON, LED OFF when load is OFF
 "1" - LED ON when load is OFF, LED OFF when load is ON
 "2" - LED always OFF

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Z-WAVE INTEROPERABILITY

This product can be included and operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers and/or other applications. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.

This device supports Association Command Class (3 Groups)

- Association Group 1 supports Lifeline, Binary Switch Report
- Association Group 2 supports Basic Set and is controlled with the local load
- Association Group 3 supports Basic Set and is controlled by pressing the ON/OFF button
- Each Association Group supports 5 total nodes