

Range Extender 6 (User Guide)

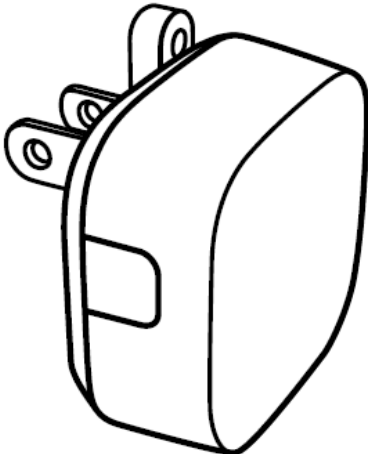
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Aeotec by Aeon Labs Range Extender.

Aeotec Range Extender is a Z-Wave mesh network repeater which can extend the range of communication between Z-Wave products and assist other devices to reach each other in your Z-Wave network. Its LED will light up to indicate when a device has repeated a signal through the Range Extender 6.

The Range Extender can also communicate securely via AES 128 wireless Z-Wave commands and supports Over-The-Air (OTA) firmware upgrades.

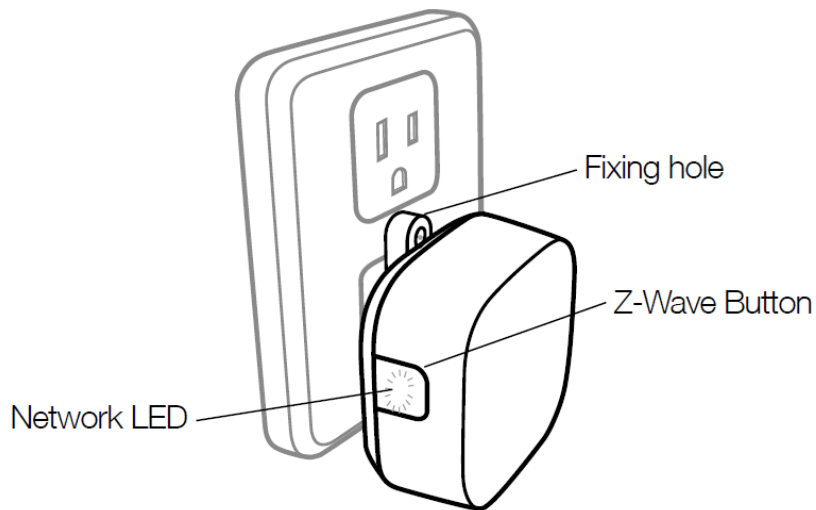
Familiarize yourself with your Range Extender.



Quick start.

Adding your Range Extender into a Z-Wave network.

Getting your Range Extender up and running is as simple as plugging it into a wall outlet and adding it to your Z-Wave network. To set your Z-Wave controller/gateway into pairing mode, please refer to the respective section within your controller instruction manual.



1. Decide on where you want your Range Extender to be placed and then plug it into a wall outlet.
2. Set your Z-Wave Controller into pairing mode.
3. Press the Z-Wave Button on your Range Extender.
4. If Range Extender has been successfully added to your Z-Wave network, its RGB LED will be solid. If the adding was unsuccessful, the red LED will be on for 2 seconds and then remain colorful gradient status, repeat the steps above.

Removing your Range Extender from a Z-Wave network.

Your Range Extender can be removed from your Z-Wave network at any time. You'll need to use your Z-Wave network's main controller. To set your Z-Wave controller/gateway into removal mode, please refer to the respective section within your controller instruction manual.

1. Set your Z-Wave Controller into device removal mode.
2. Press the Z-Wave Button on your Range Extender.
3. If Range Extender has been successfully removed from your network, its RGB LED will remain colorful gradient status. If the removal was unsuccessful, the RGB LED will still be solid, repeat the steps above.

Enabling Security Encryption.

In order to take full advantage of all functionality the Range Extender, you may want your Range Extender is a security device that uses secure/encrypted message to communicate in your Z-Wave network, so a security enabled controller/gateway is needed.

1. Set your Z-Wave security controller/gateway into pairing mode.
2. Press the Z-Wave Button 2 times within 1 second.
3. If the Range Extender has been successfully added to your Z-Wave network, its blue LED will be solid for 2 seconds and then be off. Otherwise, repeater the steps above.

Resetting your Range Extender.

If at some stage, your primary controller is missing or inoperable, you may wish to reset all of your Range Extender's settings to their factory defaults. To do this, press and hold the Z-Wave Button for 20 seconds and then release it. Your Range Extender will now be reset to its original settings, and the green LED will be solid for 2 seconds and then remain the colorful gradient status as a confirmation.

Technical Specifications.

Model number: ZW117.

Operating temperature: 32°F to 104°F/0°C to 40°C.

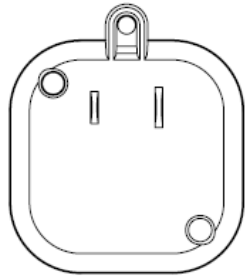
Relative humidity: 8% to 80%.

Operating distance: Up to 492 feet/150 meters outdoors.

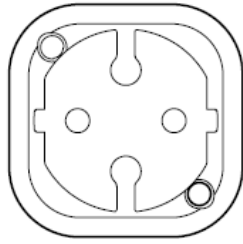
AC input:

Version	Input (Standby power)	Working band
AU	230V 50Hz, Max: 1.8W	921.42MHz
BR	220V 60Hz, Max: 1.8W	921.42MHz
CN	220V 50Hz, Max: 1.8W	868.40MHz
EU	230V 50Hz, Max: 1.8W	868.42MHz
IL	230V 50Hz, Max: 1.8W	916.02MHz
IN	230V 50Hz, Max: 1.8W	865.20MHz
UK	230V 50Hz, Max: 1.8W	868.42MHz
US	120V 60Hz, Max: 0.8W	908.42MHz

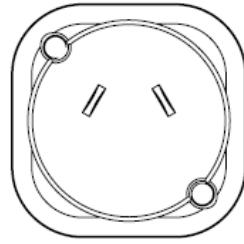
Plug Specifications.



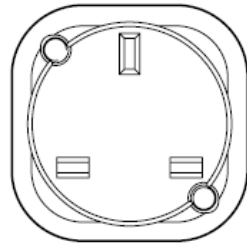
USA



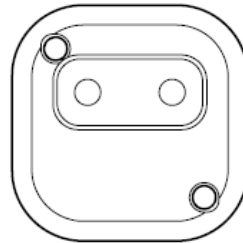
Europe



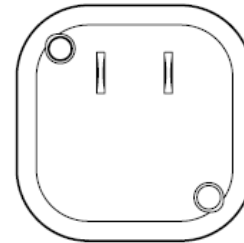
Australia



UK



India



China