

Introduction

The Kichler® Range Extender has been designed to improve the reliability and performance of your Z-Wave network. It will receive weak Z-Wave communications and then rebroadcast them at full strength.

Familiarize yourself with your Range Extender

Your Range Extender is installed by plugging it into an interior 120V power outlet.

Quick Start

Getting your Range Extender up and running is as simple as plugging it into a wall outlet and linking it to your existing Z-Wave network. The following instructions tell you how to link your Range Extender to your Z-Wave network using Kichler's Remote or a Kichler Design Pro LED Controller. If you are using other products as your main Z-Wave controller, please refer to the part of their respective manuals that tell you how to add new devices to your network.

If you are using a Kichler® Design Pro LED Controller (power supply):

1. Plug the Range Extender into an interior 120V outlet.
2. On the Controller press: Home>Network>Add Device. Then press Enter.
3. The Controller will display a message saying "Executing..."
4. Within 30 seconds of completing step 2, press the "Z-Wave button" on the Range Extender
5. If the device was successfully added, the Controller will display a message saying "Process complete".
6. If the device was not successfully added, the Controller will display a message saying "Fault Occurred". Repeat steps 2 through 5.

If you are using the Kichler® Remote:

1. Decide on where you want your Range Extender to be placed, keeping it a maximum 300 feet line of sight from nearest Z-Wave device. Distances will be reduced by walls or obstructions. Plug in your Range Extender and turn the power outlet on. The Range Extender's LED will begin to blink.
2. Take your Remote to your Ranger Extender.
3. Press the "Include" button on your Remote.
4. Press the "Z-Wave" button on your Ranger Extender.
5. If your Range Extender has been successfully linked to your network it's LED will no longer blink. If the linking was unsuccessful the LED will continue to blink.
6. Press any button on your Remote to exit inclusion mode.

Advanced Functions

Removing your Range Extender from a Z-Wave network:

Your Range Extender can be removed from your Z-Wave network at any time by using your Z-Wave network's main controller. The following instructions tell you how to do this using the Kichler Remote. If you are using other products as your main Z-Wave controller, please refer to the part of their respective manuals that tells you how to remove devices from your network.

If you are using the Kichler® Remote:

1. Take your Remote to your Ranger Extender.
2. Press the "Remove" button on your Remote.
3. Press the "Z-Wave" button on your Ranger Extender.
4. If your Range Extender has been successfully removed from your network it's LED will blink. If the removing was unsuccessful the LED will not blink.
5. Press any button on your Remote to exit inclusion mode.

Technical Specifications

Model number: DSD37-ZWUS
 Operating Temperature: -10°C to +50°C

Version	Input	Working Band
US	120V/60Hz/80mA/0.8W	908.42MHz



FCC NOTICE (for USA):

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.

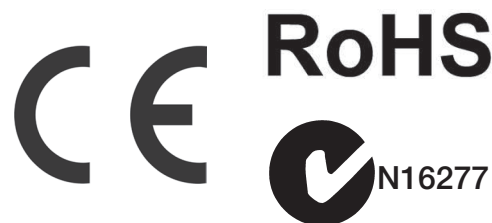
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation. 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.

WARNING:

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.

Contact your local government for information regarding the collection systems available.



CONFORMS TO UL STANDARD 60950-1, CERTIFIED TO CSA STD C22.2 NO. 60950-1.

For warranty information please visit:
<http://www.kichler.com/professional/landscape-lighting/landscape-warranty.aspx>

For more information, please refer to
<http://www.kichler.com/landscape>