



PID 11994

Z - Wave LIGHT DIMMER

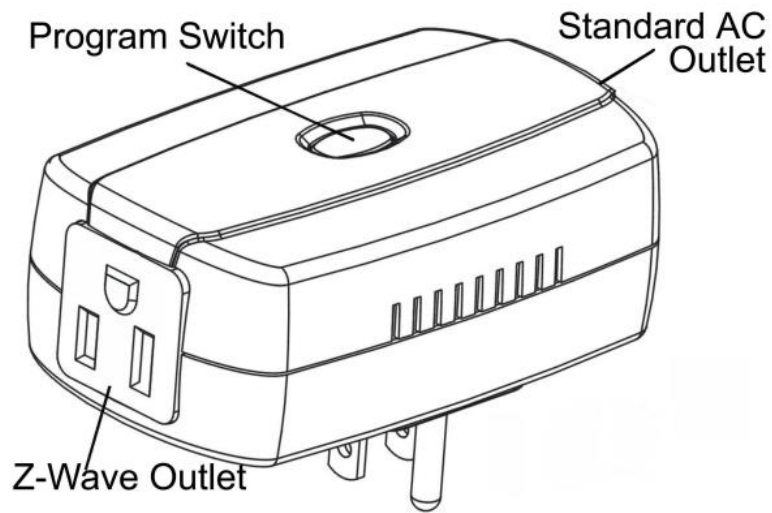
Thank you for purchasing this Z-Wave™ Light Dimmer from Monoprice!

This dimmer is an AC powered Z-Wave enabled device and is fully compatible with any Z-Wave enabled network. Z-Wave is an interoperable, two-way RF mesh networking technology used for home automation and security. Every AC powered Z-Wave device acts as a signal repeater, so multiple devices result in more possible transmission routes, which helps eliminate RF "dead spots" in the network. Any Z-Wave enabled device displaying the Z-Wave logo can be used with Z-Wave devices from other manufacturers.

This Light Dimmer can be operated remotely, using the Z-Wave controller, or directly, using the Program Switch on the device. It plugs into a standard NEMA 5-15 power outlet and includes both a Z-Wave controlled outlet and standard, unswitched outlet. It is designed so that when it is plugged into a standard two-plug wall outlet, it will not block the other power socket. The dimmer uses the leading-edge phase-cut (TRIAC controlled) method of dimming. As an AC powered Z-Wave device, it will act as a Z-Wave repeater (supporting FLiRS).

USER's MANUAL

PRODUCT DIAGRAM



PACKAGE CONTENTS

After receiving the product, please inventory the contents to ensure you have all the proper parts, as listed below. If anything is missing or damaged, please contact Monoprice Customer Service for a replacement.

1x Z-Wave Light Dimmer

1x User's Manual

SPECIFICATIONS

Protocol: Z-Wave

Operating Frequency: 908.42 MHz

Operating Range: up to 100 feet line of sight

Operating Temperature: +5 ~ +140°F (-15 ~ +60°C)

Operating Voltage: 100 ~ 240 VAC, 50/60 Hz

Maximum Resistive Load: 300W for 110 VAC, 600W for 220 VAC

Minimum Resistive Load: 5W for 110 VAC, 10W for 220 VAC

INSTALLATION

Note: If you are installing a complete Z-Wave system for the first time, please refer to the installation guide of your Z-Wave Interface Controller before installing this Dimmer.

1. Plug the dimmer into an AC power outlet. If plugged into the top outlet of a standard two-plug wall outlet, it will not block the lower outlet.
2. Plug the light you will be dimming into the Z-Wave outlet on the dimmer.
3. Proceed to the "Inclusion" section below.

INCLUSION

Now that the dimmer is in its final location, it can be "included" into the network. Bring your Z-Wave Interface Controller to the dimmer's location. The distance between the controller and the dimmer should be less than 1 meter during the "inclusion" process.

1. Following the instructions that came with your Z-Wave Controller, set it to "include" mode.
2. When prompted, press and hold the Program Switch on the dimmer for about 1 second.

EXCLUSION

If you wish to remove the dimmer from your network, you will need to "exclude" it.

1. Following the instructions that came with your Z-Wave Controller, put the controller into "exclude" mode.
2. When prompted, press and hold the Program Switch on the dimmer for about 1 second to complete the "exclusion".

PROTECTION FUNCTION

The Protection function allows you to control whether the Program Switch is functional or not.

Protection State=0x00: Normal unprotected state, the Program Switch operates as described in the Operation section.

Protection State=0x01: Restricted state, the Program Switch must be pressed three times instead of only one to manually change the illumination level.

Protection State=0x02: Fully protected state, the Program Switch is inoperative.

Z-WAVE COMMAND CLASSES

This dimmer supports the following Z-Wave Command Classes:

COMMAND_CLASS_MANUFACTURER_SPECIFIC
COMMAND_CLASS_PROTECTION
COMMAND_CLASS_SWITCH_ALL
COMMAND_CLASS_SWITCH_MULTILEVEL
COMMAND_CLASS_VERSION

OPERATION

You can adjust the brightness of the lamp plugged into the dimmer wirelessly, using your Z-Wave Controller, or manually, using the Program Switch on the front of the device.

To manually adjust the brightness level, press and hold the Program Switch until the desired level is attained.

Each successive use of the switch toggles whether it increases or decreases the brightness level. The brightness level will first dim until the minimum level is reached or the button is released. The next press of the Program Switch will increase brightness until the maximum level is reached or the button is released.

Note that this module uses the leading-edge phase-cut (TRIAC-controller) method of dimming and is suitable for use with resistive and inductive loads, which include incandescent and halogen lamps. It will work with some LED lights, but others won't work properly, even if from the same manufacturer. When using LED lighting, always make a mock-up of your project to test the compatibility of specific LED bulb models and the total load with this dimmer prior to installation.

TECHNICAL SUPPORT

Monoprice is pleased to provide free, live, online technical support to assist you with any questions you may have about installation, setup, troubleshooting, or product recommendations. If you ever need assistance with your new product, please come online to talk to one of our friendly and knowledgeable Tech Support Associates. Technical support is available through the online chat button on our website (**www.monoprice.com**) during regular business hours, 7 days a week. You can also get assistance through email by sending a message to **tech@monoprice.com**

FCC 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 instruction, 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 and correct the interference by one of the following measures: Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver. Connect the equipment into and outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help. 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 Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.