decora smart™

LEVITON®

Plug-In Oulet with Z-Wave® Technology

Cat. No. DZPA1

Rated: 120 VAC, 60 Hz
1800W Incandescent
5A LED/CFL
1800VA Fluorescent
15A Resistive
1/2 HP Motor

INSTALLATION INSTRUCTIONS

Schedule your plug-in lamps, holiday lighting or small appliances to turn on/off from anywhere using a compatible Z-Wave® controller

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DI-000-DZPA1-02B

TECHNICAL SUPPORT
For additional information contact Leviton's Technical Support at:
1-800-824-3005 or visit Leviton's website at **www.leviton.com**

FOR CANADA ONLY
For warranty information and/or product returns, residents of Canada should contact Leviton in writing at **Leviton Manufacturing of Canada Ltd to the attention of the Quality Assurance Department, 165 Hymus Blvd, Pointe-Claire (Quebec), Canada H9R 1E9** or by telephone at **1-800-405-5320.**

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WARNINGS AND CAUTIONS
- To be installed and/or used in accordance with electrical codes and regulations.
- If you are unsure about any part of these instructions, consult an electrician.
- To reduce the risk of overheating and possible damage to other equipment do not install to control a motor-operated receptacle, fluorescent lighting fixture, or a transformer supplied receptacle.
- For control of electronic ballast, CFL's and LED drivers.
- Unplug unit when servicing loads.
- Leviton recommends Z-Wave® technology in residential installations up to 7,500 sq ft. Metal junction boxes may adversely affect network coverage. Communication is designed to pass through interior materials, exterior materials are designed to reflect RF energy and may prevent communication to detached buildings.
- Z-Wave® networking technology is designed for distributed communication. Large clustering of communicating devices in a centralized location (ie. a closet) is not recommended.
- Save this instruction sheet. It contains important technical data along with testing and troubleshooting information which will be useful after installation is complete.

INTRODUCTION

Leviton's Decora Smart™ Z-Wave® Devices are designed to communicate with each other via Radio Frequency (RF) to provide remote control of your lighting. In a Z-Wave® network, each device is designed to act as a router. These routers will re-transmit the RF signal from one device to another until the intended device is reached. This ensures that the signal is received by its intended device by routing the signal around obstacles and radio dead spots. This plug-in outlet is compatible with any Z-Wave® enabled network, regardless of the manufacturer and can also be used with other devices displaying the Z-Wave® logo.

WARNING: TO AVOID FIRE, PERSONAL INJURY OR DEATH DO NOT USE the remote for the control of high power heating appliances such as portable heaters. There can be some unexpected consequences if not used with care. For example, an empty coffee pot can be remotely turned on. If that should happen, your coffee pot could be damaged from overheating. If an electric heater is turned on by remote control while clothing is draped over it, a fire could result. This device will not control lighting that is used with electronic low-voltage and high frequency power supply transformers, nor high pressure discharge lamps (HID lighting). This includes mercury-vapor, sodium vapor and metal halide lamps.

Decora Smart™ Devices are ideal for living rooms, bedrooms, kitchens, dining rooms, home offices, outdoor lighting or anywhere full control of lighting is desired.

RATINGS

Incandescent	-	1800W - 120VAC, 60Hz
LED/CFL	-	5A - 120VAC, 60Hz
Fluorescent	-	1800VA - 120VAC, 60Hz
Resistive	-	15A - 120VAC, 60Hz
Motor	-	1/2 HP - 120VAC, 60Hz

FEATURES

- Z-Wave Plus™ Certification
  - Increased communication range
  - Network Wide Inclusion
  - Support for beaming and secure commands
  - Over The Air (OTA) updates
- Compatible with Leviton Vizia RF+ systems
- Manual local control
- Ease of installation - No new wiring

INSTALLATION

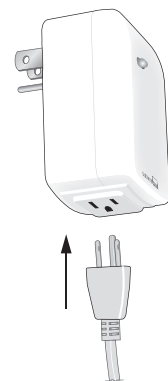**NOTE:** Use check boxes [√] when Steps are completed.

Step 1 **Attaching Load to Plug-In Outlet Module:**
- Attach load plug into module receptacle noting proper polarity of blades. Ensure the load to be controlled is fully operational and in the ON position.

Step 2 **Attaching Plug-In Outlet Module to Wall Receptacle:**
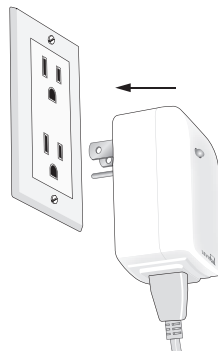
- Plug the Outlet Module into wall receptacle.
- Verify that receptacle is live.
- If controlled by a wall switch, the switch must be kept on at all times.

WEB VERSION

OPERATION

- The Plug-In Outlet can manually control the load.
- With the load on, tap the control button to turn the load off.
- With the load off, tap the control button to turn the load on.

Control Button and locator LED →
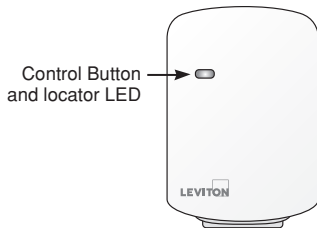
INCLUSION TO A Z-WAVE® NETWORK

Leviton Decora Smart™ Z-Wave® devices support two methods of inclusion. When using a Z-Wave Plus™ certified controller choose Network Wide Inclusion.

Network Wide Inclusion:
Network Wide Inclusion allows your device to be added to the network using devices already in the network to assist with communication. Work your way from the closest devices to the controller outward.
- Enter Programming Mode by holding the control button for 7 seconds, the Locator LED will blink amber.
- Tap the control button one time.
  The Locator LED will quickly flash green.
- The Decora Smart™ Z-Wave® device is ready to learn into the Z-Wave® network.
- Follow directions in the Z-Wave® controller to complete the adding process.
- Upon successful addition to network the LED will turn off and then blink green 3 times.
- If the adding process is not successful the LED will flash red 3 times.

Traditional Inclusion:
For older controllers Traditional Inclusion is supported. Depending on the age of the controller the controller will need to be 3 to 35 feet from the device when including.

- Enter Programming Mode by holding the control button for 7 seconds, the Locator LED will blink amber.
- The Decora Smart™ Z-Wave® device is ready to add to the Z-Wave® network.
- Follow directions in the Z-Wave® controller to enter learn mode.
- Tap the control button one time. The Locator LED will quickly flash green.
  The Z-Wave® controller will begin to pair with the Decora Smart™ device.
- Upon successful addition to the network the LED will turn off and then blink green 3 times.
- If the adding process is not successful the LED will flash red 3 times.

EXCLUSION FROM A Z-WAVE® NETWORK

When removing a device from a Z-Wave® network best practice is to use the exclusion command found in the Z-Wave® controller.

- Enter Programming Mode by holding the control button for 7 seconds, the Locator LED will turn amber.
- Follow directions in the Z-Wave® controller to enter exclusion mode.
- Tap the control button one time. The Locator LED will quickly flash green.
  The Z-Wave® controller will exclude the Decora Smart™ device.
- The Z-Wave® controller will confirm successful exclusion from the network.

LOCATOR LED SETUP

Leviton Z-Wave® devices have a locator LED. The operation of the LED can be changed.

Locator Mode: LED On when the load is Off (Default):
The Locator LED is designed to easily find the Outlet Module in a dark room. If the setting has been changed and you wish to return to the default operation:
- Enter Programming Mode by holding the control button for 7 seconds, the Locator LED will blink amber.
- Tap the control button four times.
  The Locator LED will quickly flash green and amber.
- Tap the control button once. The Locator LED will flash green three times to confirm the selection.

Status Mode: LED On when the load is On:
The Locator LED is used to show the current state of the load:
- Enter Programming Mode by holding the control button for 7 seconds, the Locator LED will blink amber.
- Tap the control button four times. The Locator LED will quickly flash green and amber.
- Tap the control button twice.
  The Locator LED will flash amber three times to confirm the selection.

LED Off: Locator LED is always Off:
The Locator LED is turned off:
- Enter Programming Mode by holding the control button for 7 seconds, the Locator LED will blink amber.
- Tap the control button four times. The Locator LED will quickly flash green and amber.
- Tap the control button three times. The Locator LED will flash red three times to confirm the selection.

FACTORY DEFAULT

When removing a device from a network it is best practice to use the Exclusion process. In situations where a device needs to be returned to factory default follow the following steps. A reset should only be used when a controller is inoperable or missing:

- Holding the control button for a total of 14 seconds.
  - After the first 7 seconds the LED turns amber.
  - The Locator LED will quickly flash red/amber after 14 seconds.
- Release the control button and the device will reset.

EXITING PROGRAMMING

Devices are programmed to automatically time-out of any settings after 20 seconds.

ADVANCED OPTIONS

Leviton Z-Wave® devices are configurable through the control button as well as over the Z-Wave® network. Compatible Z-Wave® controllers can add support for additional advanced options. Consult your Z-Wave® controller manufacturer for compatibility with advanced feature support.

Locator LED Status
- Parameter No: 7, Length: 1 Byte
- Valid Values = 0 to 255 (default 255)
  - 0 = LED Off
  - 254 (0xFE) = Status Mode
  - 255 (0xFF) = Locator Mode

TROUBLESHOOTING

If the Outlet Module appears to be functioning improperly, proceed with the following steps:

1. Confirm that the device is being supplied from a 120V AC, 60Hz source ONLY.
2. Confirm that the load being controlled is in proper working order (local switch is ON) and check for burned-out bulbs.
3. Confirm that the unit is programmed properly. Select Device List to verify that it has been included into Z-Wave® network.

Z-WAVE® ASSOCIATIONS

- Group Number: 1
- Maximum Nodes: 5
- Z-Wave Plus™ Lifeline: A NOTIFICATION frame is sent to the nodes in this association group when a Lifeline event occurs.
- All nodes in the association group receive notification of status changes.

ADDITIONAL SUPPORTED CLASSES

Z-WAVE PLUS INFO
ASSOCIATION
ASSOCIATION GRP INFO
VERSION
MANUFACTURER SPECIFIC
CONFIGURATION
DEVICE RESET LOCALLY
POWERLEVEL
COMMAND CLASS SWITCH BINARY
BASIC
SWITCH ALL
SCENE ACTUATOR CONF
SCENE ACTIVATION
FIRMWARE UPDATE MD V2
HAIL

FCC COMPLIANCE STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to 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 of the device.
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 the 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.

FCC CAUTION
Any changes or modifications not expressly approved by Leviton Manufacturing Co., Inc., could void the user's authority to operate the equipment.

IC COMPLIANCE STATEMENT

This device complies with Industry Canada licence-exempt RSS standard(s). 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.