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> GE Enbrighten Z-Wave Plus Smart Dimmer Plug-In (Model 14280) User Manual

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Model: 14280

INTRODUCTION

The GE Enbrighten Z-Wave Plus Smart Dimmer Plug-In, Model 14280, transforms any standard outlet into a smart, dimmable Z-Wave controlled outlet. This device allows for wireless control and dimming of two connected lamps or other dimmable light fixtures. It integrates with Z-Wave certified hubs to enable remote operation, scheduling, and scene creation, enhancing your home automation experience.

This manual provides detailed instructions for setting up, operating, and maintaining your Smart Dimmer Plug-In, along with important safety information and troubleshooting tips.



Image: Full Range Dimmability. The GE Enbrighten Z-Wave Plus Smart Dimmer Plug-In offers full range dimmability from 0-100%, which can help reduce energy costs and extend bulb life.

SAFETY INFORMATION

Before installation and operation, please read and understand all safety warnings. Failure to follow these instructions may result in fire, electrical shock, or serious injury.

- **Risk of Fire:** Do not exceed the maximum wattage ratings.
- **Risk of Electric Shock:** Always ensure the device is unplugged before handling or cleaning.
- **Risk of Burns:** Lamps and fixtures may become hot during operation.
- This device is intended for indoor use only.
- Do not use with medical or life-support equipment.
- Ensure connected devices are suitable for dimming.

SETUP AND INSTALLATION

The GE Enbrighten Z-Wave Plus Smart Dimmer Plug-In is designed for easy, no-wiring installation. Simply plug it into a standard wall outlet.

1. **Unpack the Device:** Carefully remove the Smart Dimmer Plug-In from its packaging.

2. **Select an Outlet:** Choose an indoor, grounded 120VAC outlet. The space-saving design allows the second wall outlet to remain free for other uses.
3. **Plug In the Dimmer:** Insert the Smart Dimmer Plug-In into the chosen wall outlet.
4. **Connect Your Lamps:** Plug up to two dimmable lamps or light fixtures into the polarized Z-Wave controlled outlets on the dimmer. Ensure the total wattage does not exceed 300W incandescent or 100W dimmable CFL/LED.
5. **Pair with Z-Wave Hub:**
 - Place your Z-Wave hub into inclusion/pairing mode. Refer to your hub's instruction manual for specific steps.
 - Press and release the manual ON/OFF/Program button on the Smart Dimmer Plug-In. The LED indicator will flash to confirm inclusion mode.
 - Once successfully paired, the LED indicator will stop flashing and remain solid.
6. **Test Functionality:** After pairing, test the dimmer by manually pressing the ON/OFF/Program button and by using your Z-Wave hub's control interface.



Image: Smart Dimmer Plug-In in use. The device plugs into a standard wall outlet, leaving the second outlet free, and provides two Z-Wave controlled outlets for lamps.



Image: Bulb Compatibility. This dimmer works with dimmable LED, CFL, halogen, and incandescent bulbs.

OPERATING INSTRUCTIONS

The Smart Dimmer Plug-In offers both manual and remote control options for your connected lighting.

Manual Control

- **ON/OFF:** Press and release the manual ON/OFF/Program button to turn the connected lights ON or OFF.
- **Dimming:** Press and hold the manual ON/OFF/Program button to adjust the brightness level. Release the button when the desired brightness is reached.

Remote Control (via Z-Wave Hub)

Once paired with a Z-Wave certified hub (e.g., SmartThings, Ring Alarm, Wink, ADT Pulse, Google Assistant, Alexa-compatible hubs), you can control your lights remotely.

- **App Control:** Use your Z-Wave hub's mobile application to turn lights ON/OFF, adjust brightness, and create schedules or scenes.
- **Voice Control:** If your Z-Wave hub is integrated with voice assistants like Alexa or Google Assistant, you can use voice commands to control the dimmer. (A Z-Wave certified hub is required; the device does not connect directly to Alexa or Google Assistant products).
- **Scene Creation:** Program custom scenes through your Z-Wave hub to automate lighting based on time of day, activity, or other smart home triggers.



Image: Manual Control Features. The device includes a manual ON/OFF and program button for local control and pairing.



Image: Remote Control. Control your smart dimmer from smartphones, tablets, and PCs via a compatible Z-Wave smart hub.

Your browser does not support the video tag.

Video: GE Z-Wave Plus Home Automation Overview. This video demonstrates the capabilities of GE Z-Wave Plus products, including controlling lights and

MAINTENANCE

The GE Enbrighten Z-Wave Plus Smart Dimmer Plug-In requires minimal maintenance.

- **Cleaning:** Ensure the device is unplugged before cleaning. Wipe with a soft, dry cloth. Do not use liquid cleaners or sprays.
- **Environment:** Keep the device in a dry, indoor environment, away from excessive heat or moisture.
- **Firmware Updates:** Periodically check your Z-Wave hub's application for any available firmware updates for connected devices, as these can improve performance and add features.

TROUBLESHOOTING

If you experience issues with your Smart Dimmer Plug-In, refer to the following common solutions:

- **Device Not Responding:**
 - Ensure the dimmer is securely plugged into a working outlet.
 - Verify that the connected lamps are plugged into the dimmer and are turned ON manually.
 - Check if the Z-Wave hub is powered on and functioning correctly.
 - Try re-pairing the device with your Z-Wave hub.
- **Lights Not Dimming:**
 - Confirm that the bulbs in your lamps are explicitly labeled as "dimmable." Non-dimmable bulbs may not dim or may flicker.
 - Ensure the total wattage of connected bulbs does not exceed the dimmer's capacity (300W incandescent / 100W dimmable CFL/LED).
- **Difficulty Pairing:**
 - Move the dimmer closer to your Z-Wave hub during the pairing process.
 - Exclude the device from your Z-Wave network first, then attempt inclusion again. (Refer to your hub's manual for exclusion steps).
 - Ensure no other Z-Wave devices are actively pairing or excluding nearby.
- **Intermittent Connectivity:**
 - Z-Wave is a mesh network. Adding more Z-Wave devices (especially always-on devices like in-wall switches or other plug-ins) can strengthen the network and extend range.
 - Ensure the dimmer is not obstructed by large metal objects or thick walls that could interfere with the Z-Wave signal.

SPECIFICATIONS

Model Number	14280
Voltage	120VAC / 60Hz
Amperage Capacity	2.5A Incandescent / 0.8A CFL/LED

Wattage Capacity	300W Incandescent / 100W Dimmable CFL/LED
Wireless Technology	Z-Wave Plus
Wireless Frequency	908.4 / 916 MHz
Wireless Range	Up to 150 feet line of sight
Operating Temperature	32-104°F (0-40°C)
Dimensions	2 x 3.5 x 3.5 inches
Weight	8.8 ounces
Installation Method	Plug-in
Indoor/Outdoor Use	Indoor Only



Image: Whole Home Wireless Control. Z-Wave Plus devices, like this dimmer, extend your smart home network's range throughout your home.

WARRANTY AND SUPPORT

This GE Enbrighten Z-Wave Plus Smart Dimmer Plug-In (Model 14280) comes with **a2-Year Limited Warranty**. For warranty claims, technical support, or further assistance, please contact Jasco Products Company, LLC, the manufacturer. Refer to the contact information provided with your product packaging or visit the official GE Enbrighten website for support resources.

Manufacturer: Jasco Products Company, LLC

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