

GE 12722

GE Z-Wave In-Wall Smart Lighting Control Switch 12722 User Manual

Model: 12722

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1. INTRODUCTION

The GE Z-Wave In-Wall Smart Lighting Control Switch (Model 12722) allows you to wirelessly control and schedule your lights and small appliances. This device integrates into your Z-Wave smart home system, providing convenient control from smartphones, tablets, PCs, and Z-Wave enabled remotes. It is designed for in-wall installation with hardwired connections and is compatible with various Z-Wave hubs, including SmartThings, Wink, and Alexa (requires a compatible Z-Wave hub for Alexa voice control).

This manual provides detailed instructions for the safe installation, setup, and operation of your GE Z-Wave Smart Switch.

2. SAFETY INFORMATION

- **WARNING: RISK OF ELECTRIC SHOCK.** This product requires electrical installation. Always turn OFF power at the circuit breaker or fuse box before installation.
- Consult a qualified electrician if you are unsure about any part of the installation process.
- Do not use this switch to control an appliance that could present a hazardous condition when operated remotely or unattended (e.g., sunlamp, sauna, etc.).
- For indoor use only.
- Ensure all wiring connections are secure and properly insulated.
- Operating temperature range: 32-104°F (0-40°C).

3. PACKAGE CONTENTS

Your package should contain the following items:

- GE Z-Wave In-Wall Smart Switch (Model 12722)
- White Paddle (pre-installed)
- Light Almond Paddle (optional replacement)
- Installation Screws

12722 •

In-Wall

Smart Switch

Wirelessly control and schedule lights
and other devices from anywhere*



Wallplate sold
separately



Use any mobile device!*



Includes White and
Light Almond



*Requires gateway.
See side for details.

4. FEATURES

- Z-Wave switch replaces standard in-wall switches for wireless control.
- Control lighting or small appliances from a mobile device or computer with any certified Z-Wave gateway.
- White lighting control matches most standard wall plates.
- Integrated blue LED indicator for easy location in a dark room.
- Can be used with up to 3 AUX switches (GE-branded Add-On Switch #12723, sold separately) for 3-way or 4-way control.
- Screw-terminal installation provides improved space efficiency compared to flying leads.
- Includes both white and light almond paddles for color customization.



Figure 4.1: Installed GE Z-Wave Smart Switch.

5. INSTALLATION

Before you begin: Read all safety information. If you are uncomfortable with electrical wiring, consult a qualified electrician.

5.1 Pre-Installation Steps

1. **Turn OFF Power:** Locate the circuit breaker or fuse box that controls the light switch you intend to replace. Turn off the power to that circuit. Verify power is off by attempting to turn on the light controlled by the switch.
2. **Remove Wall Plate:** Unscrew and remove the existing wall plate.
3. **Remove Existing Switch:** Carefully unscrew the existing switch from the wall box. Gently pull the switch out of the box, but do not disconnect any wires yet.
4. **Identify Wires:** Identify and label the following wires connected to your existing switch:
 - **Line Wire (Hot):** Typically black, connected to the power source.
 - **Load Wire:** Typically black, connected to the light fixture.
 - **Neutral Wire:** Typically white, often bundled with other white wires in the back of the box. A neutral wire is required for this smart switch.
 - **Ground Wire:** Typically bare copper or green.
 - **Traveler Wire (for 3-way/4-way installations):** If applicable, usually a different color (e.g., red).
5. **Disconnect Wires:** Once identified and labeled, carefully disconnect the wires from the existing switch.

5.2 Wiring the GE Z-Wave Smart Switch

The GE Z-Wave Smart Switch uses screw terminals for secure connections. Ensure all wire insulation is stripped back approximately 1/2 inch (1.27 cm) before inserting into the terminals.





Figure 5.1: GE Z-Wave Smart Switch Terminals.



Works with any device!*

Wireless control from smartphones, tablets, PCs and Z-Wave remotes



Control from
Anywhere*



Schedule
Timed Events*



Customize
Scenes*



Single
Switch

or

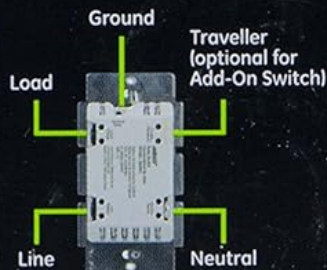


Multi-
Switch

Control lighting from up
to five different switches.



Requires GE-branded
Add-On Switch #12723
(sold separately)



Easy to install!

Replace your existing switch
in as little as 15 minutes.

Includes space-saving
screw terminals and neutral
jumper wire.



Changeable Paddles

Includes white and
light almond.

Ivory, brown and black
sold separately.

Este interruptor inalámbrico GE enchufable puede controlar y programar luces y otros dispositivos desde cualquier lugar.

Figure 5.2: Wiring Diagram for GE Z-Wave Smart Switch.

1. **Ground Wire:** Connect the bare copper or green ground wire to the **GREEN** terminal. Tighten the screw.
2. **Line Wire:** Connect the labeled Line (hot) wire to one of the **BLACK** terminals. Tighten the screw.
3. **Load Wire:** Connect the labeled Load wire to the other **BLACK** terminal. Tighten the screw.
4. **Neutral Wire:** If your wall box has a bundle of white wires, remove the wire nut and add a pigtail wire (not included) to the bundle. Connect the other end of this pigtail wire to the **SILVER** terminal on the smart switch. Tighten the screw. If a neutral wire is not present, this device cannot be installed.
5. **Traveler Wire (for 3-way/4-way installations only):** If installing in a multi-way configuration with a GE-branded Add-On Switch (Model 12723), connect the traveler wire to the **GOLD** terminal. Ensure the protective tape is removed from the gold terminal before connecting. If not using an Add-On Switch, leave the protective tape on the gold terminal.

5.3 Completing the Installation

1. Carefully push the wired switch back into the wall box, ensuring no wires are pinched.
2. Secure the switch to the wall box using the provided screws.
3. Attach the new wall plate (sold separately).
4. **Restore Power:** Turn the power back ON at the circuit breaker or fuse box.

5.4 Installation Video Guide

Your browser does not support the video tag.

Video 5.1: Detailed installation guide for the GE Z-Wave Smart Lighting Control Switch. This video demonstrates the wiring process and physical installation steps.

6. SETUP (Z-WAVE PAIRING)

To enable smart control, you must pair your GE Z-Wave Smart Switch with a compatible Z-Wave certified gateway (hub).

1. **Initiate Pairing on Hub:** Follow the instructions provided with your Z-Wave certified gateway to put it into "inclusion" or "pairing" mode.
2. **Pair the Switch:** Once your controller is ready, press and release the top or bottom of the paddle on the GE Z-Wave Smart Switch. The blue LED indicator will flash to confirm pairing initiation.
3. **Confirm Pairing:** Your Z-Wave controller should confirm successful inclusion of the smart switch into the network.
4. **Refresh Network:** After successful pairing, it is recommended to refresh your Z-Wave network within your hub's software to optimize performance and ensure all devices are properly recognized.





This GE-branded Smart Switch works with all Z-Wave compatible gateways to allow control from any mobile device!*



...and more!

For a complete list of Z-Wave compatible gateways, visit EZzwavehubs.com

*Functions may vary depending on gateway or controller.



Scan code to view product details and features video
EZzwaveoverview.com

Funciona con todas las puertas de acceso Z-Wave.

Figure 6.1: Compatible Z-Wave Gateways.

7. OPERATION

7.1 Manual Control

- **Turn ON:** Press the top of the paddle to turn the connected light or appliance ON.
- **Turn OFF:** Press the bottom of the paddle to turn the connected light or appliance OFF.

7.2 Smart Control via Z-Wave Hub

Once paired with your Z-Wave hub, you can control the switch using your hub's mobile application, web interface, or integrated voice assistants (e.g., Alexa, Google Assistant, if supported by your hub).

- **Remote On/Off:** Use your Z-Wave app to turn the switch ON or OFF from anywhere.
- **Scheduling:** Create schedules to automatically turn lights ON or OFF at specific times.
- **Scenes:** Integrate the switch into custom scenes with other Z-Wave devices (e.g., "Good Morning" scene turns on lights and opens blinds).
- **Voice Control:** If your Z-Wave hub supports voice assistants, you can use voice commands to control the switch (e.g., "Alexa, turn on the living room light").

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Video 7.1: Overview of Z-Wave smart home capabilities, demonstrating how Z-Wave devices can be controlled and integrated into a smart home system.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn ON/OFF from the switch.	Power is OFF at the circuit breaker; incorrect wiring; loose connection.	Check circuit breaker; verify wiring according to instructions; ensure all connections are secure.
Switch does not respond to Z-Wave commands.	Not properly paired with Z-Wave hub; out of range; interference.	Re-attempt Z-Wave pairing; ensure switch is within range of the hub or a Z-Wave repeater; check for sources of interference.
Blue LED indicator is not lit.	No power to the switch; LED setting is off (if configurable).	Check power at the circuit breaker; verify wiring; consult Z-Wave hub settings for LED control.
Switch makes clicking noises but lights don't change.	Internal mechanical failure.	This may indicate a faulty unit. Contact customer support for assistance.

9. SPECIFICATIONS

Specification	Value
Model Number	12722
Power	120VAC, 60Hz
Max Load (Incandescent)	960W
Max Load (Motor)	1/2 HP

Specification	Value
Max Load (Resistive)	1800W (15A)
Operating Temp. Range	32-104°F (0-40°C)
Signal Frequency	908.42 MHz
Wireless Range	Up to 100 feet line of sight
Connectivity Protocol	Z-Wave
Color	White (with Light Almond paddle included)
Dimensions (L x W x H)	8.2 x 7.25 x 2.45 inches (Product)
Manufacturer	Jasco
Z-Wave Certification ID	ZC08 - 14110009

Technical Specifications	
Specification	Value
Max Load	960W Incandescent
Max Load	1/2 HP Motor
Max Load	1800W (15A) Resistive
Power	120VAC, 60Hz
Operating Temp. Range	32-104°F (0-40°C)
Signal Frequency	908.42 MHz
Wireless Range	Up to 100 feet

Figure 9.1: Technical Specifications Summary.

10. WARRANTY & SUPPORT

For warranty information, technical support, or to register your product, please visit the manufacturer's website or contact their customer service. Keep your proof of purchase for warranty claims.

Online Support: [Jasco Products Support Page](#)

