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› 46563 Z-Wave Plus in-Wall Smart Switch, White Toggle, 500S, Chassis 2.0 for 14319

Jasco 46563

User Manual: 46563 Z-Wave Plus In-Wall Smart Switch

Model: 46563

1. INTRODUCTION

The 46563 Z-Wave Plus In-Wall Smart Switch is designed to provide intelligent control over your lighting. This device integrates seamlessly into modern home environments with its sleek white toggle design and advanced Z-Wave Plus functionality. It allows for easy control of connected lights and features an integrated LED indicator for quick status checks.

Key features include:

- In-wall smart switch with Z-Wave Plus compatibility.
- Sleek white toggle design for seamless integration into any home decor.
- Works with 500S and Chassis 2.0 for model 14319.
- LED indicator for easy status visibility.



Figure 1: Front view of the 46563 Z-Wave Plus In-Wall Smart Switch. It features a white toggle switch on a brushed metal mounting plate. Visible details include screw terminals on the side, product labeling 'JASCO Products ZW4009', and a QR code for Z-Wave DSK 44022.

2. SAFETY INFORMATION

WARNING: RISK OF ELECTRIC SHOCK

- Turn OFF the power to the circuit breaker or fuse box before installation.
- All wiring connections must be made in accordance with local and national electrical codes.
- If you are unsure about any part of these instructions, consult a qualified electrician.
- Do not use this device to control an appliance that could present a hazardous condition when unattended (e.g., sunlamp, sauna, etc.).
- For indoor use only.

3. PACKAGE CONTENTS

The package for the 46563 Z-Wave Plus In-Wall Smart Switch typically includes:

- One (1) In-Wall Smart Switch

Note: Wall plate and other installation hardware may be sold separately.

4. SETUP AND INSTALLATION

Installation of the 46563 Z-Wave Plus In-Wall Smart Switch requires basic electrical wiring knowledge. Ensure power is OFF at the circuit breaker before proceeding.

4.1 Wiring Diagram (Typical)

This switch is designed for a 1-way circuit. A neutral wire is required for operation.

1. **Turn OFF Power:** Locate the circuit breaker controlling the light switch you are replacing and turn it OFF. Verify power is off using a voltage tester.
2. **Remove Old Switch:** Carefully remove the existing wall plate and switch from the electrical box. Disconnect the wires.
3. **Identify Wires:** Identify the Line (hot), Load, Neutral, and Ground wires.
 - **Line (Hot):** Connects to the electrical panel.
 - **Load:** Connects to the light fixture.
 - **Neutral:** Typically white, provides a return path for current.
 - **Ground:** Bare copper or green wire.
4. **Connect New Switch:** Connect the wires to the 46563 Smart Switch terminals as follows:
 - Connect the Line wire to the terminal marked "LINE".
 - Connect the Load wire to the terminal marked "LOAD".
 - Connect the Neutral wire to the terminal marked "NEUTRAL".
 - Connect the Ground wire to the terminal marked "GROUND".
5. **Mount Switch:** Carefully push the wired switch into the electrical box. Secure it with the provided screws.
6. **Install Wall Plate:** Attach the wall plate (sold separately) over the switch.
7. **Restore Power:** Turn the power back ON at the circuit breaker.

For detailed wiring diagrams specific to your setup, consult a qualified electrician or refer to the manufacturer's official support resources.

5. OPERATING INSTRUCTIONS

The 46563 Z-Wave Plus In-Wall Smart Switch can be operated manually or integrated into a Z-Wave network.

5.1 Manual Operation

- **Turning ON/OFF:** Press the top of the toggle switch to turn the connected light ON. Press the bottom of the toggle switch to turn the connected light OFF.
- **LED Indicator:** The integrated LED indicates the switch's status. Refer to your Z-Wave controller's manual for specific LED behavior during network inclusion/exclusion.

5.2 Z-Wave Network Inclusion (Pairing)

To add the smart switch to your Z-Wave network:

1. Place your Z-Wave controller into inclusion (pairing) mode. Refer to your controller's manual for specific instructions.
2. On the 46563 Smart Switch, press the top or bottom of the toggle switch once.
3. The LED indicator on the switch will flash to confirm inclusion.
4. The Z-Wave controller will confirm successful addition to the network.

5.3 Z-Wave Network Exclusion (Unpairing)

To remove the smart switch from your Z-Wave network:

1. Place your Z-Wave controller into exclusion (unpairing) mode. Refer to your controller's manual for specific instructions.
2. On the 46563 Smart Switch, press the top or bottom of the toggle switch once.
3. The LED indicator on the switch will flash to confirm exclusion.
4. The Z-Wave controller will confirm successful removal from the network.

For advanced Z-Wave features, such as association groups or configuration parameters, consult your Z-Wave controller's documentation and the switch's technical specifications.

6. MAINTENANCE

The 46563 Z-Wave Plus In-Wall Smart Switch requires minimal maintenance.

- **Cleaning:** To clean the switch, wipe it with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **No User-Serviceable Parts:** There are no user-serviceable parts inside the switch. Do not attempt to open or repair the device.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn ON/OFF manually.	• No power to the switch. • Incorrect wiring. • Light bulb is faulty.	• Check circuit breaker. • Verify wiring connections (Line, Load, Neutral, Ground). • Replace light bulb.
Switch does not respond to Z-Wave commands.	• Not properly included in Z-Wave network. • Out of range of Z-Wave controller. • Network interference.	• Perform Z-Wave exclusion, then re-inclusion. • Move Z-Wave controller closer or add Z-Wave repeater. • Check for other wireless devices causing interference.
LED indicator is not behaving as expected.	• Switch is not powered. • Z-Wave network issue.	• Verify power supply. • Check Z-Wave network status and re-include if necessary.

8. SPECIFICATIONS

Attribute	Value
Model Number	46563
Brand	Jasco
Operation Mode	Manual
Contact Type	Normally Open

Attribute	Value
Connector Type	Screw Terminal
Terminal	Screw
Circuit Type	1-way
Mounting Type	Wall Mount
Actuator Type	Toggle
Number of Positions	1
Control Method	Touch
Compatibility	500S and Chassis 2.0 for model 14319

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the manufacturer's official website or contact their customer service department. Keep your purchase receipt for warranty claims.

Manufacturer: Jasco

For further assistance, visit: byjasco.com