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USER MANUAL

240 V XS RELAY ZEN57 800LR

ZOOZ™

smart move

www.getzooz.com

ask@getzooz.com

REGISTER your device within 30 days for extended warranty and more perks: www.getzooz.com/register

FEATURES

- Manual or Z-Wave™ on/off control with instant status updates
- Great for automating lights and loads up to 5A
- Installs behind your existing wall switch (single pole or 3-way)
- **Z-Wave™ Long Range** for a next-level wireless network
- Remembers and restores on/off status after power failure
- Works with LED and incandescent bulbs
- **800 series Z-Wave** and S2 SmartStart Security

SPECIFICATIONS

- Model Number: ZEN57 800LR
- Power: 100-240V~, 50/60Hz
- **Maximum Load:** 5A resistive (120V: 500W incandescent, 150W LED bulbs / 240V: 1000W incandescent, 300W LED bulbs)
- Range: Up to 300 feet line of sight (up to 1300 feet with ZWLR)
- Operating Temperature: 32-104° F (0-40° C)
- Installation and Use: Indoor only
- Dimensions: 1.2" x 1" x 0.6"

⚠ CAUTION

This is an electrical device - please use caution when installing and operating the relay. Remote control of appliances may result in unintentional or automated activation of power.

Do not use this Z-Wave device to control electric heaters or other appliances which produce the risk of fire, burns, or electrical shock when unattended.

To reduce risk of overheating and possible damage to other equipment, do not install this unit to control a receptacle; a motor-operated appliance; a fluorescent lighting fixture; or a transformer-supplied fixture.

⚡ BEFORE YOU INSTALL

This relay is intended for installation in accordance with the National Electric Code and local regulations. It is recommended that a licensed electrician perform this installation.

WIRING: READ IT!

- 1. CHECK THE LOAD:** don't exceed 150W for LED's, 500W for incandescent, or 5 A for resistive loads, **DO NOT CONNECT THIS RELAY TO SWITCHED RECEPTACLES.**
- 2. POWER OFF:** turn the circuit power off in the breaker panel before you start. If installing in a multi-switch box with multiple circuits, turn power off at all of the circuits.
- 3. CHECK THE WIRES:** mark load (most often black), line (most often black), neutral (most often white), and ground (most often bare). 14 AWG wires only! **Don't rely exclusively on your multimeter to identify the wires!**

NOT SURE WHAT YOU'RE SEEING? WE'LL HELP! [SUPPORT.GETZOOZ.COM](mailto:support.getzooz.com) SEND US PICTURES OF YOUR SET-UP, BEFORE YOU DISCONNECT WIRES.

- 4. DISCONNECT THE OLD SWITCH:** remove the wires and label them accordingly.
- 5. CONNECT THE Z-WAVE RELAY:** follow all installation steps carefully. Wire the relay EXACTLY like in the diagram.

ZEN57 WIRING DIAGRAM FOR SINGLE POLE INSTALLATION

- 1** Keep your existing wall switch connected to ground.
- 2** Connect the power source to the **L terminal** on the ZEN57 and the load wire to **OUT terminal**. **Load and line CAN'T be swapped so make sure you identified them correctly!**
- 3** Connect the **neutral** wires to the **N terminals** (or run a jumper).
- 4** Connect the wall **switch terminals** to the **yellow and brown S pigtails** on the ZEN57 relay.

ON/OFF SWITCHES ONLY ⚠

Do not connect the Z-Wave relay to a wall dimmer, illuminated switch, or an electronic add-on switch.

The ZEN57 relay can only be wired with mechanical on/off or momentary switches in single pole, 3-way, or 4-way settings!

NEED MORE DIAGRAMS?

Scan the QR code for 3-way wiring diagrams and more installation tips.

QUESTIONS?
ask@getzooz.com

COMPLETE INSTALLATION

Secure your Z-Wave relay and the wall switch in the box with mounting screws, handling the wires with care. Install the wall plate and restore power to the circuit.

TEST THE RELAY

The LED indicator should start blinking green when you turn the power back on. Toggle the switch connected to the relay to check if the load changes state. **If the test fails, please check that:**

- power is fully restored to the circuit
- wiring matches the instructions **exactly**
- the load isn't too large and overheating the relay causing it to shut off.

⚠ WARNING

- This product should be installed indoors upon completion of any building renovations.
- Prior to installation, the device should be stored in a dry, dust-and-mold-proof place.
- Do not install the relay in a place with direct sun exposure, high temperature, or humidity. Keep away from chemicals, water, and dust.
- Ensure the device is never close to any heat source or open flame to prevent fire.
- Ensure the device is connected to an electric power source that does not exceed the maximum load power.
- No part of the device may be replaced or repaired by the user.

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Z-WAVE CONTROL

There are 2 methods to ADD THE RELAY TO YOUR HUB:

SmartStart: use the hub UI / app to scan the SmartStart code on the device. See below for QR codes to hub-specific instructions. The SmartStart security PIN is located on the back of the relay under the SmartStart PIN. Simply power the device for SmartStart inclusion, it will be added automatically. You may need to enter the 5-digit PIN above the QR code. Do NOT press the Z-Wave button.

Manual inclusion: initiate inclusion (pairing) in the app or hub UI. Make sure the device is powered and finalize the inclusion at the relay: tap the Z-Wave button 3 times quickly.

The LED indicator will blink green to signal communication and turn green for 2 seconds if inclusion is successful or turn red for 2 seconds if the pairing attempt fails.

NEED SOME HELP? ask@getzooz.com

Choose your hub and scan the QR code with your phone's camera. Then click on the link to access the step-by-step pairing instructions. Get more at www.support.getzooz.com

Z-Bbox Hub

Home Assistant

SmartThings

TROUBLESHOOTING

The relay won't add to your system? Try this:

1. Initiate **EXCLUSION** and click the Z-Wave button 3 times quickly.
2. Click the Z-Wave button **4-5 times quickly** to add.
3. Bring the hub **closer** to the relay, it may be out of range.
4. Get more tips for your hub at www.support.getzooz.com

The relay won't control the load manually anymore? Try this:

1. Turn power off at the breaker and check if a wire didn't get loose.
2. Exclude the relay from the hub or **reset** it.
3. The load may be incompatible, try a single incandescent bulb.

EXCLUSION (REMOVING / UNPAIRING DEVICE)

1. Bring your Z-Wave gateway (hub) close to the relay if possible
2. Put the Z-Wave hub into **exclusion mode**
3. Click the **Z-Wave button** on the relay **3 times quickly** (the LED indicator will start blinking green)
4. Your hub will confirm exclusion, the LED indicator on the relay will turn green for 2 seconds, and the device will be removed.

FACTORY RESET

If your primary controller is missing or inoperable, you may need to reset the device to factory settings. To reset the relay, **click the Z-Wave button once and immediately after, press and hold the button for 15 seconds**. The LED indicator will flash during the process and turn red for 3 seconds to confirm successful reset.

NOTE: All previously recorded activity and custom settings will be erased from the device's memory.

ADVANCED SETTINGS

Here is a selection of settings available to customize your relay. **Scan the QR code for a full list of parameters** and look below for how to access them on your hub.

- **Timer** to automatically turn the relay on or off after a set period of time
- **Smart Bulb Mode** (disable the relay)
- External switch type
- On/off status after **power failure**

SCAN SETTINGS

Choose your hub and scan the QR code with your phone's camera. Then click on the link to learn how to access and change the advanced settings for the relay on your hub.

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ASSOCIATION

This relay supports Group 1 with up to 5 devices for Lifeline Group communication, Group 2 with up to 5 devices, and Group 3 for up to 5 devices. This device will send BASIC REPORT and SWITCH BINARY REPORT to Group 1 and BASIC SET command to group 2 and group 3 (for EP2) when the status changes.

You can set direct association to have the relay control another Z-Wave device independently of the hub by using Group 2 or Group 3 (for EP2 if parameter 5 is set to value 10). Not every hub exposes direct association settings in the interface so please check with your system provider for details or contact our support for help.

S2

This product can be included and operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers and/or other applications. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.

This product features the latest Security 2 (S2) framework to remove smart home network hacking risks. This device is equipped with a unique authentication code for trusted wireless communication.

WARRANTY

This product is covered under a 12-month limited warranty and a 5-year extended warranty once registered. To read the full warranty policy or file a warranty claim, please go to www.getzooz.com/warranty

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FCC NOTE
THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT. STORE INDOORS WHEN NOT IN USE. SUITABLE FOR DRY LOCATIONS ONLY. DO NOT IMMERSE IN WATER. NOT FOR USE WHERE DIRECTLY EXPOSED TO WATER. This device complies with Part 15 of the FCC Rules. Operation is subject to the following conditions:

1. This device may not cause harmful interference,
2. This device must accept any interference received, including interference that may cause undesired operation.

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 according to instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in any given installation. If this equipment causes harmful interference to radio or television reception, the user may try to correct the interference by taking one or more of the following measures:

- Reorient or relocate receiving antenna
- Increase the separation between equipment and receiver
- Connect equipment into a separate outlet or circuit from receiver
- Consult the dealer or an experienced radio/TV technician for additional assistance

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. The distance between user and products should be no less than 20cm.

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