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SONOFF SNZB-01M

SONOFF Orb 4-in-1 Zigbee Smart Scene Button (SNZB-01M) User Manual

Model: SNZB-01M | Brand: SONOFF

INTRODUCTION

The SONOFF Orb 4-in-1 Zigbee Smart Scene Button (SNZB-01M) is a versatile wireless controller designed to enhance your smart home experience. It features four distinct buttons, each supporting multiple actions (single-press, double-press, triple-press, and long-press), providing up to 16 different scene triggers for controlling lights, routines, and various home automation tasks.

Its innovative split magnetic design allows it to function as a fixed wall switch or a portable handheld remote. The device supports dual protocols (Zigbee and eWeLink-Remote) for broad compatibility with smart home ecosystems, including popular open-source platforms like Home Assistant and Zigbee2MQTT. With TouchLink and Home Assistant Bindings, it offers fast and stable local control, minimizing cloud delays for reliable performance. The wire-free design ensures easy installation anywhere using magnets, adhesive, or screws.

1. SETUP

1.1 Unboxing

Carefully unbox your SONOFF Orb 4-in-1 Zigbee Smart Scene Button. The package typically includes the button, a magnetic base, adhesive, and screws for installation.

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Video 1.1: Unboxing the SONOFF Orb 4-in-1 Zigbee Smart Scene Button (SNZB-01M). This video demonstrates the contents of the product packaging and initial handling of the device.

Podzielony Projekt Magnetyczny



Wiele Akcji Wyzwalacza



Zigbee & eWeLink-Remote Dwuprotokołowy



Ustawienie Inteligentnych Scen



TouchLink & Bindings



Bezprzewodowa Instalacja

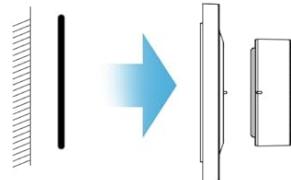


Figure 1.1: The SONOFF Orb 4-in-1 Zigbee Smart Scene Button (SNZB-01M) held in hand, showing its four distinct button quadrants.

1.2 Installation

The SNZB-01M offers flexible, wire-free installation options. It can be mounted using the included magnetic base, adhesive, or screws. The magnetic design allows the button to be detached from its base for use as a portable remote.

- **Magnetic Mounting:** Attach the magnetic base to a metallic surface or use the adhesive to fix it to a wall. The button can then be magnetically attached to the base.
- **Adhesive Mounting:** Use the provided adhesive pad to secure the magnetic base to any clean, flat surface.
- **Screw Mounting:** For a more permanent installation, use the included screws to fix the magnetic base to a wall.

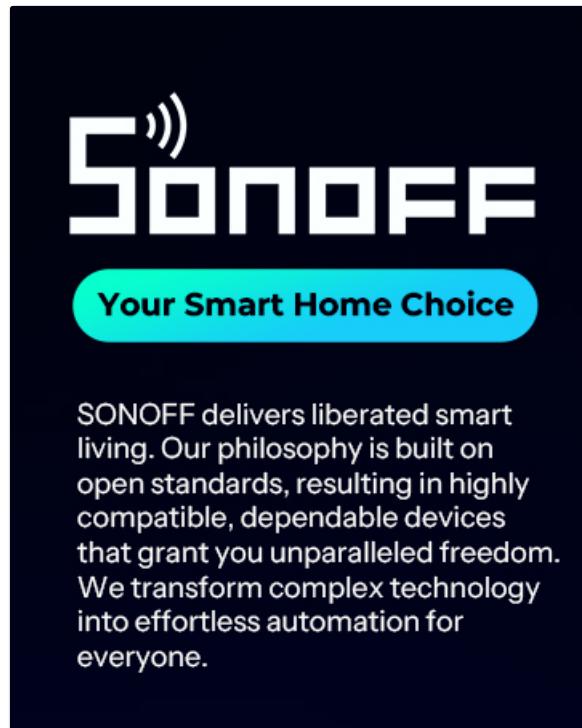


Figure 1.2: Overview of the SNZB-01M's features, including its magnetic split design for flexible placement and various trigger actions.

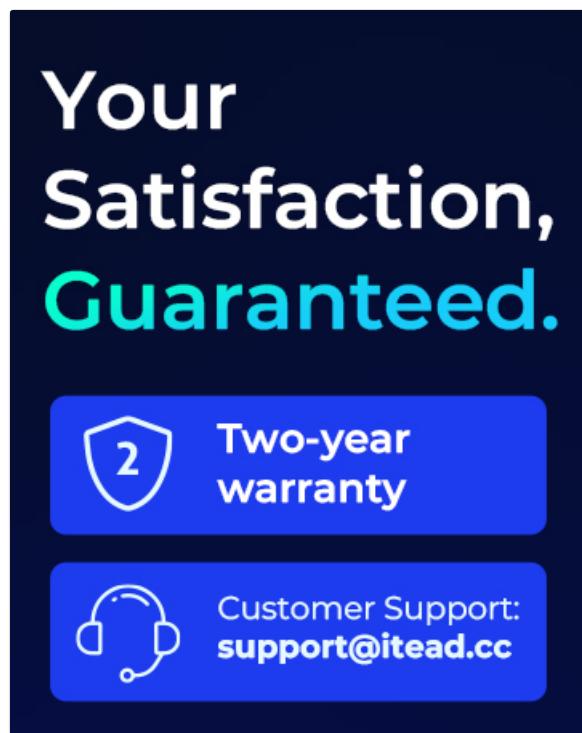


Figure 1.3: Examples of flexible placement for the SONOFF Orb button, including on a nightstand, coffee table, and refrigerator.

1.3 Pairing and Connectivity

The SNZB-01M supports both Zigbee and eWeLink-Remote protocols. A switch on the device allows you to select the desired mode for pairing with your smart home gateway.

Well Compatible with Open-Source Platforms

Supports integration with Home Assistant, Zigbee2MQTT, and other open-source platforms through the SONOFF Dongle series, enabling it to function as a smart trigger within those ecosystems.

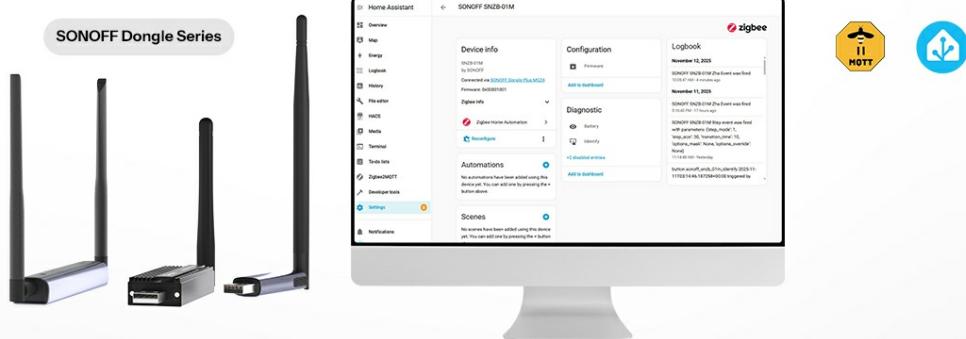


Figure 1.4: The dual-protocol switchable feature of the SNZB-01M, allowing integration with both eWeLink-Remote and Zigbee gateways.

To pair the device:

1. Select the desired protocol (Zigbee or eWeLink-Remote) using the switch on the back of the device.
2. Put your compatible smart home gateway into pairing mode.
3. Press the pairing button on the SNZB-01M (often indicated by three dots) for a few seconds until the indicator light confirms pairing mode.
4. Confirm successful pairing through your gateway's application or interface.

The SNZB-01M is compatible with various platforms, including Home Assistant and Zigbee2MQTT, often requiring a SONOFF Zigbee gateway or similar open-source dongle for full functionality.

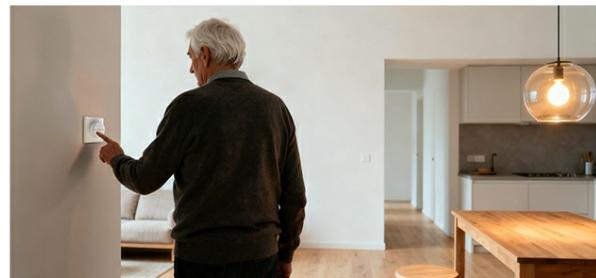
TouchLink Easily Control Bulb

TouchLink simplifies the device pairing process, allowing direct connection and control with smart bulbs that support the TouchLink.



Simple to Pair

Hold the Orb-4in1 close to your light bulb (no more than 10 cm away), press and hold.



Simple to Use

It can be used after pairing, no need to set the scene in APP, and it is easy for the elderly or children to use.

*TouchLink support varies by brand and model. Please refer to the specifications of each bulb for accurate information.

Figure 1.5: The SNZB-01M's compatibility with open-source platforms, demonstrating integration with Home Assistant and Zigbee2MQTT via SONOFF Dongle Series.

Fits into Your Smart Life

Achieve rich and convenient one-tap control through more flexible smart scene settings.



Away Mode / Home Mode



Home Theater Starter



One-Tap Notification



Multiple-Way Control

Figure 1.6: Detailed compatibility table for the SNZB-01M, outlining supported platforms, required gateways, and available trigger actions for each.

2. OPERATING THE DEVICE

2.1 Scene Control

The SONOFF Orb 4-in-1 button provides 16 possible scene triggers through its four quadrants. Each quadrant supports single-tap, double-tap, triple-tap, and long-press actions. These actions can be configured within your smart home platform to activate specific scenes or control individual devices.

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Video 2.1: Demonstrating the various tap and press actions (single, double, triple, long-press) of the SONOFF Orb button and how they can be used to set smart scenes for one-tap control of lights, curtains, and other devices.

Examples of scene control:

- **Single-tap:** Turn on/off a specific light.
- **Double-tap:** Activate a "Movie Mode" scene (dim lights, close blinds).
- **Triple-tap:** Trigger a "Good Night" routine (turn off all lights, lock doors).
- **Long-press:** Adjust brightness of a light or open/close curtains gradually.

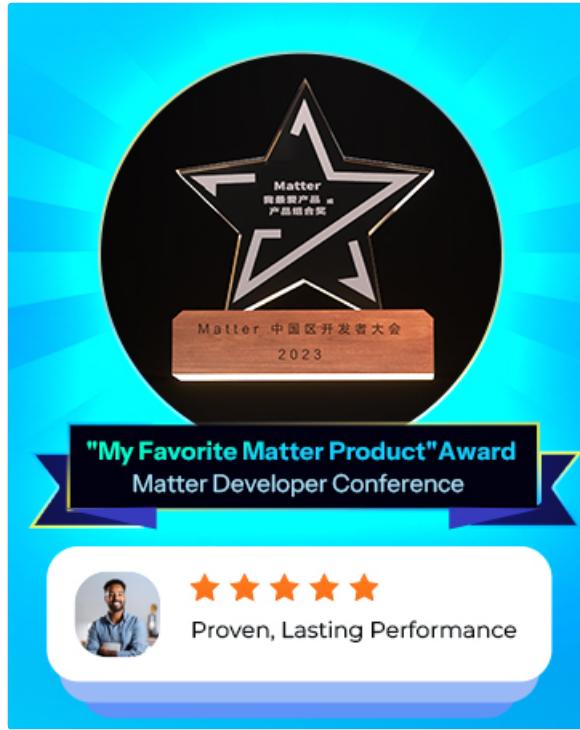


Figure 2.1: Visual representation of controlling lights and curtains with the SNZB-01M button.

2.2 TouchLink Functionality

The SNZB-01M supports TouchLink, simplifying the direct pairing and control of compatible smart bulbs without needing a central hub or gateway for basic functions. This allows for faster, more reliable responses.

To use TouchLink:

1. Ensure the smart bulb is powered on and in pairing mode (refer to the bulb's manual).
2. Hold the Orb 4-in-1 button close to the smart bulb (within 10 cm).
3. Press and hold one of the button quadrants on the Orb until the bulb responds (e.g., flashes or changes brightness), indicating successful pairing.

Note: TouchLink support varies by brand and model of the smart bulb. Refer to the specifications of your bulb for accurate information.

Compatible						
	eWeLink	Smartthings	Home Assistant	Zigbee2MQTT	Alexa*	
Working Mode						
Applicable Gateway	ZBBridge-P ZBBridge-U iHost NSPanel Pro	eWeLink-Remote Gateway (M5, MINI4, MINI-RBS, MINI-D, etc.)	AeoTec Smart Home Hub V3	Dongle-P/E Dongle-M Dongle-PMG24 Dongle-LMG21	Dongle-P/E Dongle-M Dongle-PMG24 Dongle-LMG21	Only supports account-based synchronization in the eWeLink App.
Trigger Action	Single-click Double-click Triple-click Long press	Single-click Double-click Long press	Single-click Double-click Triple-click Long press	Single-click Double-click Triple-click Long press	Single-click Double-click Triple-click Long press	Single-click Double-click Long press
OTA	✓	✗	✓	✓	✓	✗
Battery Display	✓	✗	✓	✓	✓	✗

Figure 2.2: How to use TouchLink for simple pairing and direct control of smart bulbs with the SNZB-01M.

3. MAINTENANCE

3.1 Battery Replacement

The SONOFF Orb 4-in-1 button is powered by a CR2477 Lithium Metal battery. When the battery level is low, the device's indicator may signal this, or you may notice reduced responsiveness. To replace the battery:

1. Gently twist or pry open the back cover of the button to access the battery compartment.
2. Remove the old CR2477 battery.
3. Insert a new CR2477 Lithium Metal battery, ensuring correct polarity.
4. Close the back cover securely.

Dispose of used batteries responsibly according to local regulations.

3.2 Cleaning

To clean the device, use a soft, dry cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the surface or internal components. Ensure the device is dry before use.

4. TROUBLESHOOTING

4.1 Device Not Responding

- **Check Battery:** Ensure the battery is not depleted. Replace the CR2477 battery if necessary.
- **Check Connection:** Verify that the device is properly paired with your Zigbee or eWeLink-Remote gateway. If not, attempt to re-pair the device.
- **Range:** Ensure the device is within the effective range of your gateway or a strong Zigbee mesh network.
- **Interference:** Minimize potential interference from other wireless devices.

4.2 Issues with Home Assistant (ZHA)

If you are using the SONOFF Orb 4-in-1 with Home Assistant via ZHA and experience issues with all 16 trigger combinations being recognized, it may require a specific ZHA script or "quirks file".

- **ZHA Script Requirement:** As of early 2026, using the Orb 4-in-1 with ZHA may require downloading and installing a specific ZHA script. Refer to the official SONOFF Help Center or community forums for detailed instructions and the necessary files.
- **Event Recognition:** Without the correct script, some button actions (e.g., button 2, 3, 4 actions beyond single press) might only register as generic "step" or "stop" events instead of distinct triggers.

4.3 eWeLink Mode Pairing Difficulties

Some users may encounter difficulties pairing the device in eWeLink mode. If the device briefly appears in the eWeLink app during pairing but then disappears, ensure:

- The device is correctly switched to eWeLink mode.
- The eWeLink gateway is in pairing mode and functioning correctly.
- You are pressing the correct pairing button (button 3, often marked with three dots) on the Orb.

If issues persist in eWeLink mode, consider trying Zigbee mode if your setup allows, as it has been reported to be more straightforward for some users.

5. SPECIFICATIONS

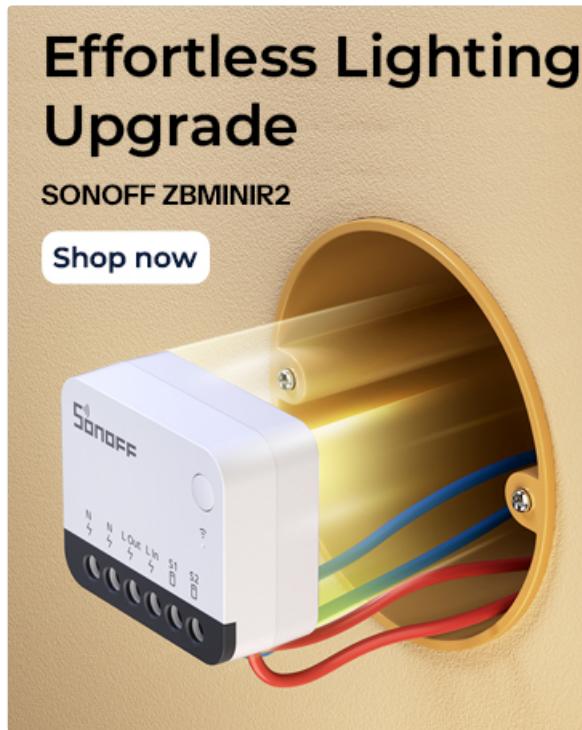


Figure 5.1: Detailed technical specifications for the SONOFF Orb 4-in-1 Zigbee Smart Scene Button (SNZB-01M).

Model	SNZB-01M
Brand	SONOFF
Connectivity Protocol	ZigBee
Control Method	Push Button
Control Type	Multi-Scene
Operating Voltage	3 Volts
Current Rating	1 Amps
Battery Type	CR2477 Lithium Metal (included)
MCU	TLSR8656F512ET32
Product Dimensions (L x W x H)	1.97 x 1.97 x 0.88 inches (approx. φ50x22.5mm)
Item Weight	3.52 ounces
Operating Temperature	-10°C ~ 60°C
Operating Humidity	5-95%RH, non-condensing
Material	Plastic
International Protection Rating	IP00
Compatible Devices	Home Assistant, Zigbee2MQTT, ZigBee-compatible devices

6. WARRANTY INFORMATION

The SONOFF Orb 4-in-1 Zigbee Smart Scene Button (SNZB-01M) comes with a **Two-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of

purchase for warranty claims.

For detailed warranty terms and conditions, please refer to the official SONOFF website or contact customer support.



Figure 6.1: Two-year warranty information.

7. CUSTOMER SUPPORT

If you require assistance with your SONOFF Orb 4-in-1 Zigbee Smart Scene Button, please contact our customer support team:

- **Email:** support@itead.cc
- **Online Help Center:** Visit the official SONOFF website for FAQs, troubleshooting guides, and additional resources.



Figure 7.1: Customer support contact information.