Blindsmart ZMR4

Wireless Zigbee Smart Button Instruction Manual

Brand: Blindsmart | **Model:** ZMR4

1. Introduction and Overview

The Blindsmart Wireless Zigbee Smart Button (Model ZMR4) is a versatile 4-way remote control designed to seamlessly integrate with your smart home ecosystem. Utilizing Zigbee wireless technology, this button allows you to control compatible smart devices and activate pre-programmed scenes with ease. Its wireless design and magnetic mounting bracket offer flexible placement options, making it a convenient addition to any room.
This manual provides detailed instructions for setting up, operating, and maintaining your ZMR4 Smart Button, ensuring optimal performance and a personalized smart home experience.

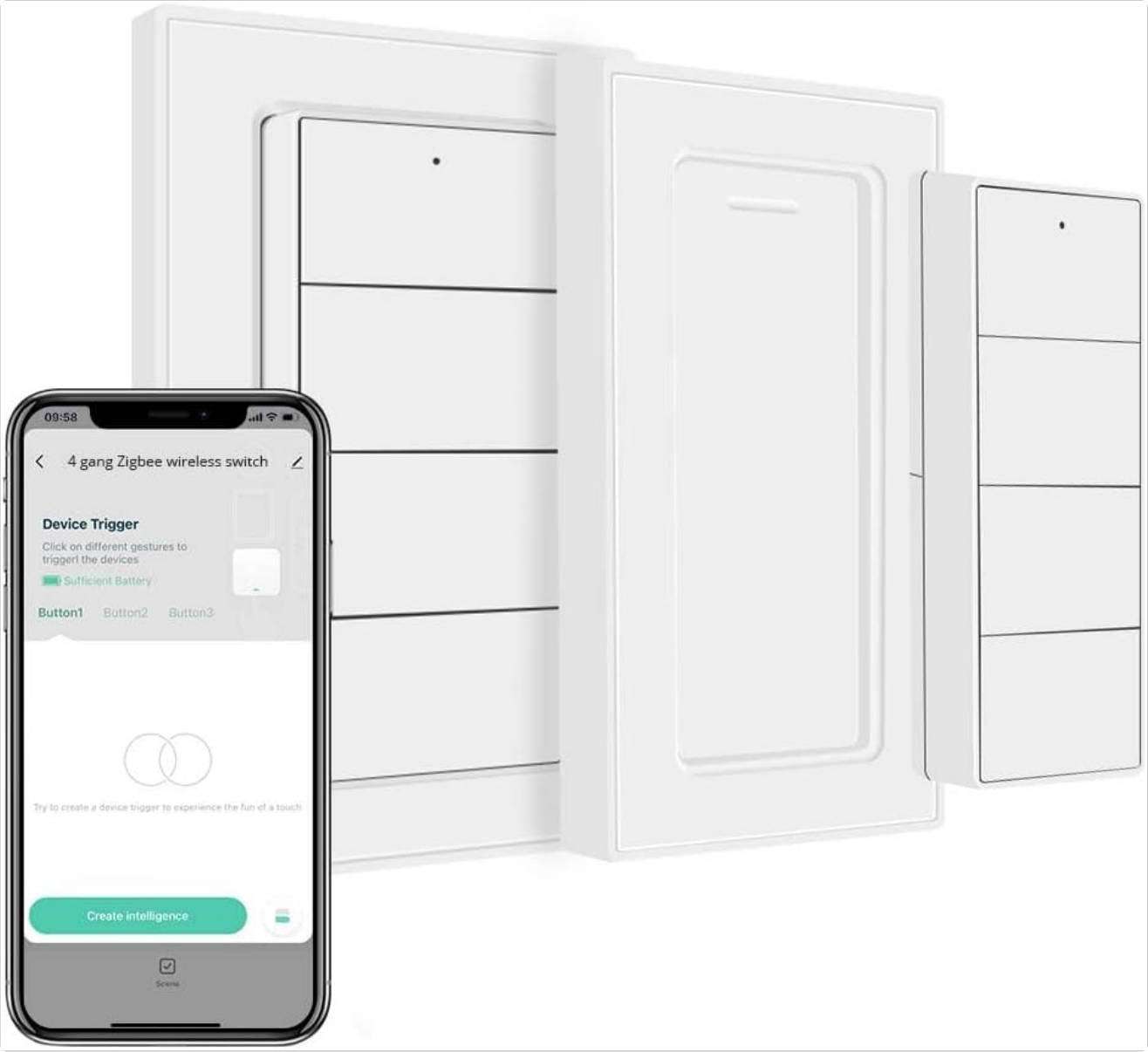


Figure 1: The Blindsmart Wireless Zigbee Smart Button (Model ZMR4) shown with its accompanying mobile application interface.

2. Product Features

- **Seamless Wireless Control:** Leverages Zigbee wireless technology for reliable remote control of compatible smart home devices and scenes.
- **Customizable and Versatile:** Features 4 buttons supporting single press, double press, and long press actions, allowing users to trigger up to 12 distinct device actions or activate pre-programmed scenes.
- **Smart Automation Made Easy:** Program buttons to activate specific scenes automatically based on schedules or sensor data, offering an intelligent and personalized smart home experience.
- **Energy-Efficient Design:** Powered by a high-capacity CR2450 lithium button battery (included), providing months of reliable performance.
- **Broad Compatibility:** Effortless pairing with platforms like Hubitat, Zigbee2MQTT, Homey, and Home Assistant. Integrates seamlessly with HomeKit and SmartThings via the Zemismart M1 or M6 Matter Zigbee Gateway (sold separately).
- **Flexible Placement:** The bracket can be mounted on the wall with a magnetic attachment, allowing the switch to be easily detached and used as a portable remote at any time.



Figure 2: The smart button supports single, double, and long press actions for each of its four buttons, enabling up to 12 unique commands.



Figure 3: The wireless design allows for flexible placement, with the button easily detachable from its magnetic wall bracket for portable use.

3. Package Contents

- Wireless Smart Button (Model ZMR4)
- CR2450 Lithium Button Battery (pre-installed)
- Magnetic Wall Mounting Bracket
- User Manual (this document)

4. Setup and Installation

The Blindsmart ZMR4 Smart Button is designed for easy installation with no wiring required. Follow these steps to set up your device:

4.1. Initial Setup and Battery Activation

1. **Activate Battery:** The device comes with a pre-installed CR2450 battery. Gently pull out the plastic insulation

tab from the battery compartment on the back of the button to activate it.

2. **Prepare for Pairing:** Ensure your Zigbee hub (e.g., Tuya Zigbee Hub, Zemismart M1/M6 Matter Hub, Hubitat, Homey, Home Assistant) is powered on and in pairing mode. Refer to your hub's specific instructions for entering pairing mode.

4.2. Pairing the Smart Button

1. **Enter Pairing Mode on Button:** Long press the top two buttons (Button 1 and Button 2) simultaneously for approximately 5-7 seconds until the indicator light on the button begins to blink rapidly. This indicates the button is in pairing mode.
2. **Confirm Pairing on Hub:** Your Zigbee hub should detect the new device. Follow the prompts on your hub's application to complete the pairing process. The indicator light on the button will stop blinking once successfully paired.
3. **Assign Actions:** Once paired, you can assign specific actions to each button press (single, double, long press) within your smart home hub's application.



Figure 4: Instructions for entering pairing mode and an overview of compatible smart home platforms.

4.3. Mounting the Button

The ZMR4 Smart Button comes with a magnetic wall mounting bracket for flexible installation.

1. **Choose Location:** Select a suitable location on your wall. The bracket can be mounted using screws (not included) for a permanent fixture or strong double-sided adhesive tape (not included) for a less permanent solution.
2. **Attach Bracket:** Secure the magnetic mounting bracket to the chosen surface.
3. **Attach Button:** The smart button will magnetically snap into place on the mounted bracket. You can easily remove it for use as a portable remote.

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Video 1: A demonstration of the pairing process for the Wireless Zigbee Smart Button with a smart home hub.

5. Operating Instructions

The ZMR4 Smart Button offers extensive control over your smart devices through its multi-action buttons. Each of the four buttons can be programmed for three distinct actions: single press, double press, and long press.

5.1. Programming Button Actions

Programming is done through your connected smart home hub's application (e.g., Tuya Smart, Home Assistant, Hubitat, Homey, HomeKit, SmartThings). The specific steps may vary slightly depending on your hub, but the general principle involves creating automations or routines linked to the button's actions.
Example Programming Logic:

- **Button 1 Single Press:** Turn on/off living room lights.
- **Button 1 Double Press:** Activate "Movie Night" scene (dim lights, close blinds, turn on TV).
- **Button 1 Long Press:** Adjust thermostat to 72°F.

5.2. Button Action Overview

Button	Action Type	Description	Example Use
Any Button	Single Press	A quick, momentary press and release.	Toggle a light, open/close a single blind.
Any Button	Double Press	Two quick presses in succession.	Activate a specific scene (e.g., "Good Morning"), change light color.
Any Button	Long Press	Press and hold the button for approximately 2-3 seconds.	Turn off all devices, arm/disarm security system.

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Video 2: A demonstration of using the 4-Way Remote Control to manage smart devices.

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Video 3: An example of the smart button functioning as a scene controller for various smart home devices.

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Video 4: A detailed look at the 4-Way Remote Control Button Switch in action, demonstrating its versatility.

6. Compatibility

The Blindsmart ZMR4 Smart Button is designed for broad compatibility with popular smart home platforms, provided you have a compatible Zigbee hub.

- **Direct Compatibility (with appropriate Zigbee Hub):** Hubitat, Zigbee2MQTT, Homey, Home Assistant.
- **Compatibility via Zemismart M1 or M6 Matter Zigbee Gateway (sold separately):**HomeKit, SmartThings.
- **Tuya Ecosystem:** Fully compatible with Tuya Zigbee hubs and the Tuya Smart app.

Always ensure your Zigbee hub is updated to the latest firmware for optimal compatibility and performance.

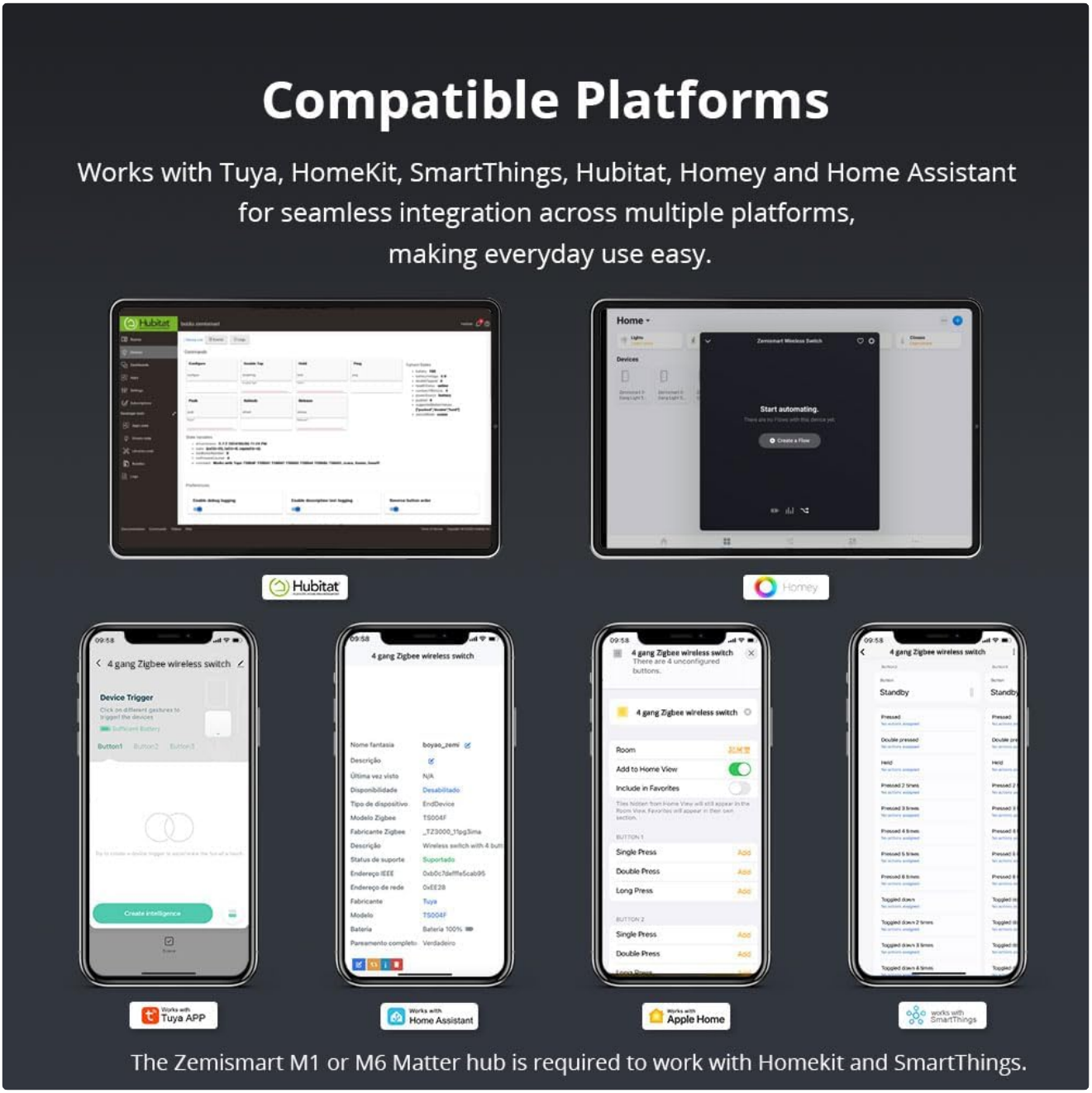


Figure 5: The smart button is compatible with a wide range of smart home platforms for seamless integration.

7. Maintenance

7.1. Battery Replacement

The ZMR4 Smart Button is powered by a CR2450 lithium button battery. When the battery level is low, the indicator light may behave erratically or the button may become unresponsive. To replace the battery:

1. Gently remove the smart button from its magnetic wall bracket (if mounted).
2. Locate the battery compartment on the back of the button.
3. Using a small tool (e.g., a coin or flathead screwdriver), carefully open the battery compartment.
4. Remove the old CR2450 battery and insert a new one, ensuring the positive (+) side is facing up.
5. Close the battery compartment securely.
6. The device should automatically reconnect to your Zigbee hub. If not, briefly press any button to wake it up.

7.2. Cleaning

To clean the smart button, wipe it with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water.

8. Troubleshooting

If you encounter issues with your Blindsmart ZMR4 Smart Button, refer to the following table for common problems and solutions:

Problem	Possible Cause	Solution
Button not pairing with hub.	Incorrect pairing mode, low battery, hub not in pairing mode, interference.	Ensure button is in pairing mode (blinking indicator). Check battery. Put hub in pairing mode. Reduce distance to hub. Try re-pairing.
Button actions are not triggering devices.	Incorrect programming, device not connected, hub offline.	Verify button actions are correctly configured in your smart home app. Check if the button is still connected to the hub. Ensure your hub is online and functioning.
Indicator light not working.	Dead battery, device malfunction.	Replace the CR2450 battery. If the issue persists, contact customer support.
Button feels unresponsive or sticky.	Debris under button, physical damage.	Gently clean around the buttons. Avoid excessive force.
Limited compatibility with certain platforms.	Requires specific gateway or hub.	For HomeKit and SmartThings, the Zemismart M1 or M6 Matter Zigbee Gateway is required. Ensure you have the correct hub for your desired platform.

If you continue to experience issues after attempting these solutions, please refer to the Warranty & Support section for further assistance.

9. Specifications

Feature	Specification
Product Name	Wireless Zigbee Scene Switch
Model Number	ZMR4
Manufacturer	Blindsmart
Dimensions (L x W x H)	6.1 x 3.22 x 1.06 inches (approx. 15.5 x 8.2 x 2.7 cm)
Item Weight	4.2 ounces (approx. 119 grams)
Color	White
Wireless Standard	ZigBee 802.15.4
Power Supply	CR2450 Button Battery (included)

Feature	Specification
Wiring Method	No wiring
Operating Temperature	-20°C ~ 45°C (-4°F ~ 113°F)
Working Humidity	≤ 85%RH (non-condensing)

10. Warranty and Support

For warranty information and customer support, please refer to the product packaging or contact Blindsmart directly through their official website or the retailer where the product was purchased. Please have your model number (ZMR4) and purchase details ready when contacting support.

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Example: How do I reset this device or fix this error?

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