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## THIRDREALITY 3RVS01031Z

# THIRDREALITY Smart Vibration Sensor (Model 3RVS01031Z) User Manual

Model: 3RVS01031Z

Brand: THIRDREALITY

## INTRODUCTION

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The THIRDREALITY Smart Vibration Sensor is a versatile device designed to enhance home security and automation. It utilizes the Zigbee 3.0 standard for seamless integration with various smart home ecosystems. This sensor features adjustable sensitivity levels and an optional 110dB siren alarm, providing flexible monitoring options for different environments and preferences. It is powered by 2 AAA batteries, offering a typical battery life of 1 year.

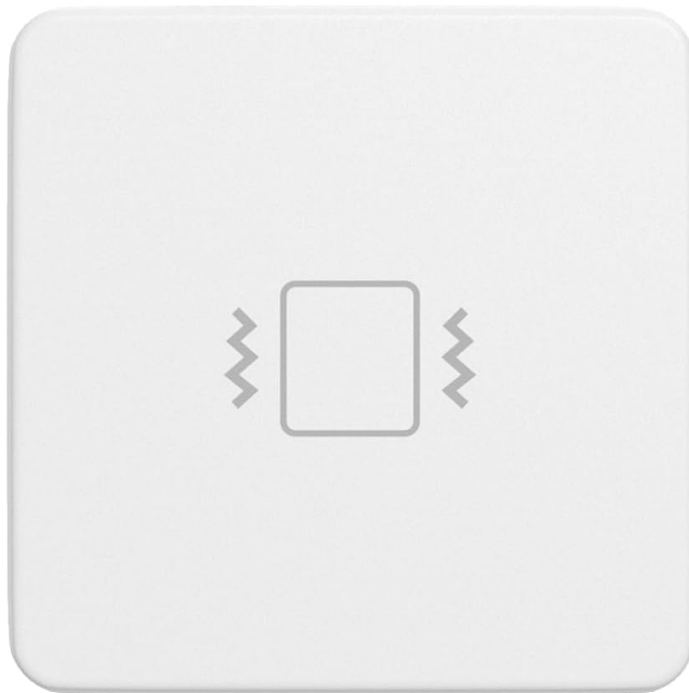


Image: The THIRDREALITY Smart Vibration Sensor, a compact white device.

## Key Features:

- **Zigbee 3.0 Compatibility:** Integrates with Zigbee hubs and devices including SmartThings, Home Assistant (ZHA/Z2M), Hubitat, and Zigbee Echo devices (e.g., Echo 4th Gen, Echo Plus, Echo Show 10, Echo Studio, Eero 6/Pro 6, Third Reality smart hub Gen2).
- **Adjustable Sensitivity:** Features four manually adjustable sensitivity levels (Very High, High, Medium, Low) via internal switches.
- **110dB Siren Alarm:** Equipped with a loud siren for immediate alerts, with a physical mute switch for quiet notifications to your phone.
- **Versatile Usage:** Ideal for monitoring doors, windows, jewelry drawers, delivery boxes, garage doors, washing machines, and dryers.
- **Routine Creation:** Enables smart routines with compatible Zigbee hubs for automated alerts and notifications.
- **Long Battery Life:** Operates on 2 AAA batteries with an estimated 1-year battery life.

## SETUP

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## 1. Unboxing and Initial Inspection

Upon opening the package, you will find the vibration sensor and a quick start guide. Ensure all components are present and undamaged.

### **Four Sensitivity Levels**

Easily set the sensitivity levels by the switch according to the prompt

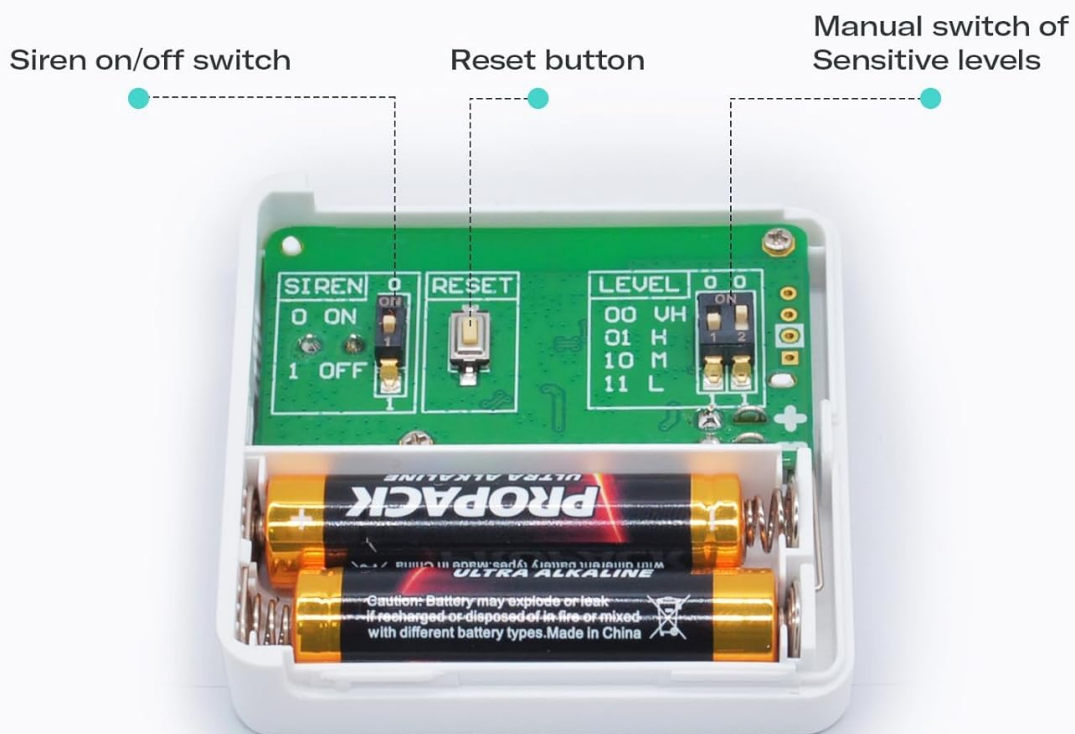


Image: The THIRDFREALITY Smart Vibration Sensor, showing its compact dimensions of 2.21 x 0.5 x 2.21 inches.

## 2. Battery Installation and Internal Settings

The sensor is powered by 2 AAA batteries (included). To access the battery compartment and internal switches, carefully open the device. Inside, you will find switches for siren control and sensitivity adjustment.



Image: Internal view of the sensor, highlighting the siren on/off switch, reset button, and manual sensitivity level switches.

















### 3. Pairing with a Zigbee Hub

The THIRDREALITY Smart Vibration Sensor requires a compatible Zigbee hub for full functionality. Follow these general steps to pair your device:






1. Ensure your Zigbee hub is powered on and in pairing mode.
2. Open your smart home application (e.g., SmartThings, Home Assistant, Alexa app).
3. Initiate the device discovery process within the app.
4. Press the reset button on the vibration sensor (located inside the battery compartment) to put it into pairing mode. The sensor's LED indicator may flash to confirm pairing mode.
5. Once discovered, follow the on-screen prompts in your smart home app to complete the pairing process.

For SmartThings users, it may be necessary to install a custom Edge driver for optimal functionality. Refer to the manufacturer's website or support documentation for specific driver installation instructions.

Directly connect with compatible devices

<b>Alexa</b>	 Echo Show 8 Gen3	 Echo Hub	<b>Homey</b>	<b>SmartThings</b>	<b>ThirdReality</b>	<b>Home Assistant</b>
 Echo Plus 2	 Echo Studio	 Eero 6/Eero 6 Pro	 Homey Bridge	 SmartThings 2015/2018	 Smart Hub Gen2 Plus	 ZHA/Z2M
 Echo Plus 1	 Echo V4	 Echo Show 10 V2 & V3	 Homey Pro	 Aeotec Smart Home Hub	 Smart Bridge MZ1 <small>*Matter Supported via Smart Bridge MZ1</small>	<b>Hubitat</b>  Hubitat Hub

Don't support directly connect

 Echo Flex	 Echo Dot 3	 Echo Dot 4	 Echo Show 5	 Echo Show 8 Gen1 & Gen2
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Note: For SmartThings, pls scan the QR code in the quick start guide and download the user manual, then follow the instruction to install SmartThing driver.

\* This list includes most popular devices. There may be some compatible or incompatible devices that are not listed above.

Image: A visual representation of various compatible Zigbee hubs and devices, including Amazon Echo devices, Hubitat, SmartThings, Home Assistant, and Third Reality hubs.

## OPERATING THE SENSOR

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### 1. Adjusting Sensitivity Levels

The sensor offers four sensitivity levels: Very High (VH), High (H), Medium (M), and Low (L). These are set using the two toggle switches labeled 'LEVEL' inside the device. Refer to the diagram below for switch configurations:

**00:** Very High

**01:** High

**10:** Medium

**11:** Low

Choose a sensitivity level appropriate for the object or area you are monitoring to avoid false alarms while ensuring reliable detection.

### 2. Siren Control

The 110dB siren can be enabled or disabled using the 'SIREN' toggle switch inside the device. Set it to 'ON' for audible alerts or 'OFF' for silent notifications sent directly to your smart home app.

### 3. Common Usage Scenarios

The THIRDCREALITY Smart Vibration Sensor can be used in various ways:

- **Window Monitoring:** Attach to windows to detect glass breakage or forced entry.
- **Safe/Drawer Monitoring:** Place inside safes or drawers containing valuables to detect unauthorized access.
- **Appliance Monitoring:** Attach to washing machines or dryers to receive notifications when cycles are complete (i.e., when vibrations stop).
- **Door Monitoring:** Mount on doors to detect forced entry attempts.
- **Mailbox/Delivery Box:** Receive alerts when mail or packages are delivered.
- **Cabinet Monitoring:** Monitor cabinets containing sensitive items or medications.

**Safety Box Monitoring:** Attach a sensor to your safe or a specific drawer. Any attempt to move or open the safe can trigger the sensor and alert you.



**Cabinet Open History:** If you worry about your parents who live alone, forgetting to take their medicine on time, you can attach a vibration sensor to the medicine cabinet so that you can see the history of cabinet opening and closing.



Image: The vibration sensor mounted on a window, illustrating its use in detecting glass breakage and triggering a 110dB alarm, with a corresponding notification on a smartphone.

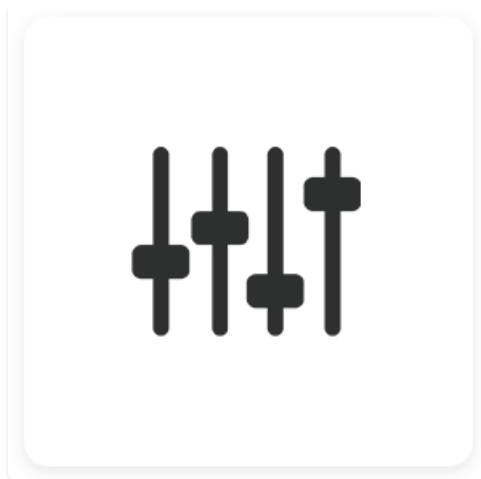


Image: The vibration sensor attached to a safe, demonstrating its use for security monitoring of valuable items.



Image: The vibration sensor placed on a washing machine, indicating its ability to detect the completion of a cycle.

## 4. Official Product Video

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Video: An official product video from Third Reality, Inc. demonstrating the features and various applications of the THIRDREALITY Zigbee Vibration Sensor.

## MAINTENANCE

### 1. Battery Replacement

The sensor uses 2 AAA batteries. When the battery level is low, your smart home app will typically provide a notification. To replace batteries, carefully open the sensor, remove the old batteries, and insert new ones, ensuring correct polarity. Close the sensor securely.

### 2. Cleaning

Wipe the sensor with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials, as these can damage the device.

## TROUBLESHOOTING

### 1. Connectivity Issues

- **Sensor not pairing:** Ensure your Zigbee hub is in pairing mode and the sensor is within range. Try resetting the sensor by pressing its internal reset button.
- **Frequent disconnections:** Check the battery level. Ensure the sensor is not too far from the Zigbee hub or other Zigbee mesh devices that can extend the network.

### 2. False Alarms or Missed Detections

- **False alarms:** Adjust the sensitivity level to a lower setting using the internal switches. Ensure the sensor is mounted securely and not subject to unintended vibrations.
- **Missed detections:** Increase the sensitivity level to a higher setting. Ensure the sensor is placed directly on the object or surface you wish to monitor.

### 3. Siren Not Functioning

- Verify that the internal 'SIREN' switch is set to 'ON'.
- Check battery levels.

## SPECIFICATIONS

Feature	Detail
Brand	THIRDREALITY
Model Number	3RVS01031Z
Dimensions (L x W x H)	2.21 x 0.5 x 2.21 inches
Item Weight	2.11 ounces (0.06 Kilograms)
Material	Plastic

Connectivity	Zigbee 3.0
Power Source	2 AAA batteries (included)
Battery Life	Approximately 1 year (typical usage)
Alarm Sound Level	110dB
Sensitivity Levels	Very High, High, Medium, Low (manually adjustable)
Mounting Type	Adhesive (for door/window mount)
UPC	850001595742

## WARRANTY AND SUPPORT

THIRDREALITY products are covered by a manufacturer's warranty. For specific warranty details, please refer to the documentation included with your product or visit the official THIRDREALITY website. For technical support, troubleshooting assistance, or to report any issues, please contact THIRDREALITY customer service through their official support channels.