

KERUI KERUI M7

KERUI Wireless Motion Sensor Chime/Doorbell Alarm System M7 User Manual

Model: KERUI M7

1. INTRODUCTION

The KERUI Wireless Motion Sensor Chime/Doorbell Alarm System M7 is designed to alert you to visitors or intruders in your home or office. This system includes a receiver and a PIR motion sensor, offering a communication range of up to 450 feet in open air. It features multiple operating modes, adjustable volume, and various chime tones to suit different needs and environments.

2. SAFETY INFORMATION

- Do not expose the devices to water or excessive moisture, as they are not waterproof.
- Keep the devices away from direct sunlight and extreme temperatures.
- Use only specified battery types (AAA Alkaline) and ensure correct polarity during installation.
- Do not mix old and new batteries, or different types of batteries.
- Dispose of used batteries responsibly according to local regulations.
- Avoid placing the motion sensor in areas where wind or moving objects might cause false alarms.

3. PACKAGE CONTENTS

The standard package includes:

- 1 x KERUI Receiver
- 1 x PIR Motion Sensor
- User Manual (this document)

Note: Batteries (AAA) and USB power cables are not included. Remote control is sold separately.

4. PRODUCT OVERVIEW

The system consists of two main components: the Receiver and the PIR Motion Sensor.

4.1. Receiver

The receiver is the central unit that produces audible alerts and visual flashes when triggered by the motion sensor. It features controls for mode selection, volume adjustment, and chime tone selection.



Image: The KERUI Receiver and PIR Motion Sensor components.

- **Mode Change Button (M):** Cycles through different operating modes.
- **Volume Control Button (V):** Adjusts the alert volume (4 levels: High/Middle/Low/Mute).
- **Chime Selection Button (Music Note):** Selects from 32 different ringtones.
- **LED Indicator:** Flashes upon detection.
- **Battery Compartment:** Requires 3 AAA batteries.
- **USB Power Port:** For optional external power supply (DC-5V).

4.2. PIR Motion Sensor

The PIR (Passive Infrared) motion sensor detects movement within its detection range and sends a signal to the receiver. It is designed for indoor use.



An accessory and multiple hosts

When the PIR detector on the first floor be triggered : the two hosts on the first floor and the second floor voice "Hello welcome"

A host and multiple accessories

Trigger any of the three PIR detectors the host voice "Hello welcome"



Image: Dimensions of the KERUI Receiver and PIR Motion Sensor.

- **PIR Lens:** Detects infrared changes caused by movement.
- **LED Indicator:** Flashes when motion is detected.
- **Battery Compartment:** Requires 2 AAA batteries.
- **USB Power Port:** For optional external power supply (DC-5V).

5. SETUP

5.1. Powering the Devices

Both the Receiver and the Motion Sensor can be powered by AAA batteries or an optional USB power cable (DC-5V).



Image: Illustration of battery and USB power options for the Receiver and Motion Sensor.

1. **Receiver Battery Installation:** Open the battery compartment on the back of the receiver. Insert 3 AAA alkaline batteries, ensuring correct polarity. Close the compartment.
2. **Motion Sensor Battery Installation:** Open the battery compartment on the back of the motion sensor. Insert 2 AAA alkaline batteries, ensuring correct polarity. Close the compartment.
3. **USB Power (Optional):** Connect a DC-5V USB power cable to the respective USB ports on the Receiver and/or Motion Sensor.

Note: After changing batteries, the motion detector may need to be re-paired with the receiver if the receiver does not have memory function.

5.2. Mounting the Motion Sensor

The motion sensor is wall-mountable. Choose a location that provides optimal detection coverage and minimizes false alarms.



Image: Examples of mounting locations for the motion sensor and placement for the receiver.

- Mount the sensor in a position where it can detect movement in the desired area (e.g., doorway, entryway).
- Adjust the sensor's angle to avoid false alarms from pets or moving objects.
- Ensure a clear line of sight between the sensor and the receiver for optimal communication range (up to 450ft in open air).
- Avoid direct sunlight on the sensor. If used outdoors, place it under an overhang or covered area, as it is not waterproof.

6. OPERATING INSTRUCTIONS

6.1. Switching Operating Modes

The receiver has multiple operating modes. Press the 'M' (Mode Change) button on the side of the receiver to cycle through the modes:

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Video: Demonstrates the different operating modes (Doorbell, Alarm, Welcome, Night Light) and how to switch between them on the KERUI M7 system.

1. **Doorbell Mode:** The receiver plays a selected chime when motion is detected.
2. **Alarm Mode:** The receiver emits a loud alarm sound when motion is detected, suitable for security alerts.
3. **Welcome Mode:** The receiver plays a "Hello, welcome" voice message when motion is detected, ideal for storefronts or entryways.
4. **Night Light Mode:** The receiver's LED light illuminates when motion is detected, providing a visual alert or temporary lighting.



Image: The system operating in Welcome Mode, greeting visitors in a retail environment.



Welcome chime
at daytime



Burglar alarm
at night

Image: Demonstrates the system's dual functionality as a welcome chime during the day and a burglar alarm at night.

6.2. Adjusting Volume

Press the 'V' (Volume Control) button on the side of the receiver to cycle through 4 volume levels: High, Middle, Low, and Mute (0-80dB).

6.3. Selecting Chime Tones

Press the 'Music Note' button on the side of the receiver to choose from 32 different ringtones. Continue pressing until you find your preferred tone.

6.4. Detection Range

The PIR motion sensor has a detection range of approximately 2-8 meters (6-26 feet). The communication range between the sensor and receiver is up to 450 feet in open air.

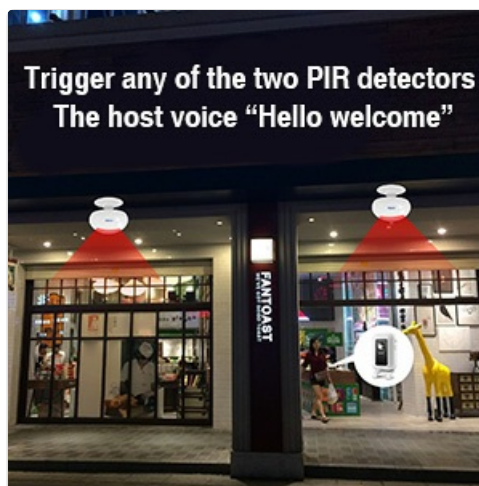


Image: Diagram illustrating the 8-meter induction distance of the PIR motion sensor.

7. MAINTENANCE

- **Battery Replacement:** Replace batteries in both the receiver and motion sensor when performance decreases (e.g., no red light, no signal, reduced detection distance). Use high-capacity AAA alkaline batteries for extended life.
- **Cleaning:** Wipe the devices with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Sensor Placement:** Periodically check the sensor's angle and position to ensure optimal performance and to avoid false alarms. If necessary, adjust the sensor to a higher position and angle it downwards.
- **Sensitivity Adjustment (Advanced):** If experiencing persistent false alarms, consider covering a small portion of the sensor area with black tape to reduce sensitivity.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Motion sensor not detecting / No red light	Low or dead batteries. Incorrect battery installation.	Replace batteries in the motion sensor. Ensure batteries are inserted with correct polarity.
Receiver not chiming/alarming	Low or dead batteries in receiver. Receiver is muted. Sensor not paired (after battery change). Out of range. Interference.	Replace batteries in the receiver. Adjust volume. Re-pair sensor and receiver if needed. Move receiver closer to sensor. Reduce interference sources.
Reduced detection distance	Low batteries. Obstructions. Environmental factors (e.g., direct sunlight).	Replace batteries. Ensure clear line of sight. Reposition sensor to avoid direct sunlight or other environmental factors.
False alarms	Sensor angle too wide. Pets or moving objects triggering sensor. Wind.	Adjust sensor angle. Mount sensor higher and angle downwards. Avoid placing in windy areas. Consider reducing sensitivity with tape if necessary.

9. SPECIFICATIONS

- **Brand:** KERUI
- **Model:** KERUI M7
- **Color:** White
- **Power Source (Receiver):** 3 x AAA Alkaline Batteries (not included) or DC-5V USB
- **Power Source (Motion Sensor):** 2 x AAA Alkaline Batteries (not included) or DC-5V USB
- **Communication Range:** Up to 450 feet (open air)
- **Motion Detection Range:** Approximately 2-8 meters (6-26 feet)
- **Volume Levels:** 4 (0-80dB)
- **Ringtones:** 32 options
- **Mounting Type:** Wall Mount
- **Item Weight:** 7.2 ounces
- **Package Dimensions:** 7 x 4.4 x 1.7 inches
- **Application:** Indoor use (Motion Sensor not waterproof)

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact KERUI customer service directly. Keep your purchase receipt for warranty claims.