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› KERUI M7 Wireless Doorbell Motion Detector User Manual

KERUI KERUI-M7

KERUI M7 Wireless Doorbell Motion Detector User Manual

Model: KERUI-M7

INTRODUCTION

The KERUI M7 is a versatile wireless motion detector system designed to enhance security and convenience in various environments such as homes, offices, and stores. It features multiple operational modes including welcome, alarm, doorbell, and night light, providing adaptable functionality for different needs. The system comprises a receiver unit and a PIR motion sensor, offering a wide operating range and customizable settings.



Figure 1: KERUI M7 Wireless Doorbell Motion Detector and PIR Sensor.

COMPONENTS OVERVIEW

The KERUI M7 system includes the following main components:

- **M7 Receiver Unit:** The main unit that emits sounds and light.
- **PIR Motion Detector:** The sensor that detects movement.



Figure 2: Detailed view of the KERUI M7 Receiver and PIR Sensor components. The receiver features an LED night light, speaker, power source input (DC 5V), and ON/OFF switch. The PIR sensor includes a detection window, signal indicator, Micro USB port (for power, not data), ON/OFF switch, and mounting supports. Buttons for mode, volume, and music are located on the side of the receiver.

SETUP

Powering the Device

The KERUI M7 receiver supports dual power options:

- **DC 5V Adapter:** Connect an external DC 5V power adapter to the receiver's power input port.
- **AAA Batteries:** Insert 3 AAA batteries into the battery compartment of the receiver. Ensure correct polarity.

The PIR motion detector also requires batteries (typically 2 AAA, though not explicitly stated for the P817 model mentioned in feature bullets, the image shows 2 AAA for the sensor). Ensure batteries are inserted correctly.



Figure 3: The KERUI M7 receiver can be powered via a DC 5V adapter or 3 AAA batteries. The PIR sensor typically uses 2 AAA batteries.

Mounting the PIR Motion Detector

The PIR motion detector can be mounted on a wall or ceiling using the provided mounting supports. For optimal detection, consider the following:

- **Placement:** Position the detector to cover the desired area, such as an entryway, hallway, or window.
- **Avoid Obstructions:** Ensure there are no large objects blocking the sensor's detection window.
- **Environmental Factors:** Avoid mounting the PIR detector in direct sunlight or in areas with frequent strong drafts, as this can lead to false alarms. The PIR detector is not waterproof.
- **Adjustable Angle:** The sensor can be adjusted to cover a wide area, with a detection angle of 100 degrees and a range of up to 8 meters. The mounting bracket allows for 360-degree rotation horizontally and 180-degree vertical adjustment.



Figure 4: The PIR motion detector offers flexible mounting with 360-degree horizontal and 180-degree vertical adjustment for optimal coverage.

OPERATING MODES

The KERUI M7 offers four intelligent operating modes, selectable via the "Mode" button on the receiver unit:

1. **Welcome Mode:** When motion is detected, the receiver will play a "Hello, welcome" message. This mode is ideal for storefronts or entryways.

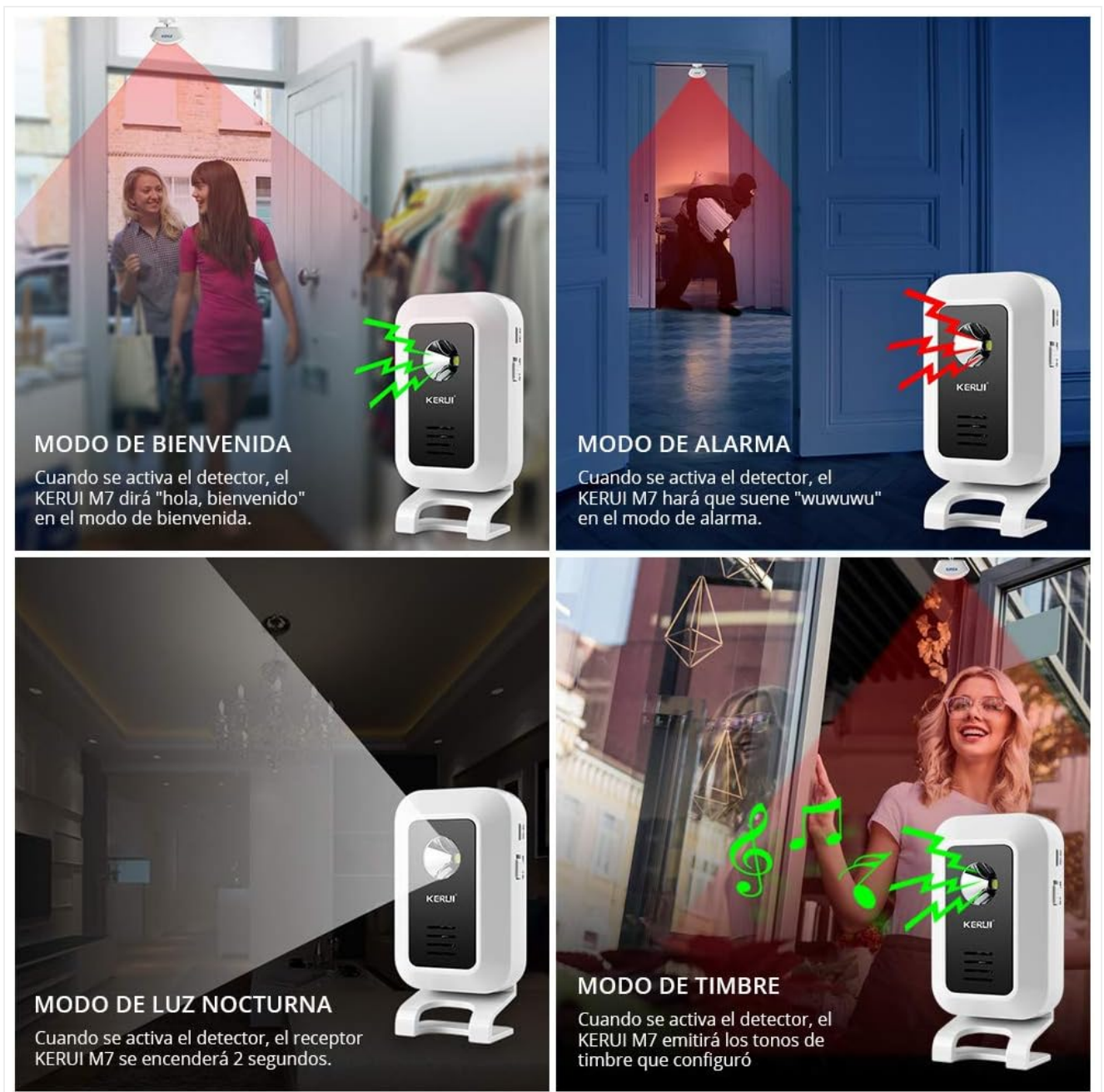


Figure 5: Top-left panel shows the Welcome Mode in action, greeting visitors.

2. **Alarm Mode:** Upon detecting motion, the receiver will emit a loud alarm sound (e.g., "wuwuwu") to deter intruders. This mode is suitable for security applications.



Figure 6: The KERUI M7 in Alarm Mode, indicating detection of an unauthorized presence.

3. **Doorbell Mode:** When motion is detected, the receiver will play a selected melody. This functions as a wireless

doorbell for visitors.



Figure 7: The KERUI M7 functioning in Doorbell Mode, alerting to a visitor's arrival.

4. **Night Light Mode:** When motion is detected in low-light conditions, the receiver's LED light will flash for 2 seconds to provide temporary illumination. This is useful for hallways or dark areas at night.



Figure 8: The KERUI M7 providing temporary illumination in Night Light Mode.

Adjusting Melody and Volume

- **Melody Selection:** The receiver offers 32 different common ringtones. Use the "Music" button to cycle through and select your preferred melody.
- **Volume Adjustment:** The volume can be set to 4 levels: high, medium, low, and silent. Use the "Volume" button to adjust the sound output according to your needs. The maximum volume can reach 80 dB.

MAINTENANCE

Battery Replacement

The KERUI M7 receiver and PIR motion detector are equipped with a low battery reminder function. When the battery level is low, replace the batteries promptly to ensure continuous operation and prevent loss of alarm functionality.

- For the M7 Receiver: Replace 3 AAA batteries.
- For the PIR Motion Detector: Replace 2 AAA batteries (for model P817).

Ensure batteries are inserted with the correct polarity.



Figure 9: Illustration of battery insertion for the KERUI M7 receiver (3 AAA) and PIR sensor (2 AAA).

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not powering on.	Batteries are dead or inserted incorrectly; power adapter is not connected or faulty.	Check battery polarity and replace if necessary. Ensure DC 5V adapter is securely connected and functional.
False alarms or frequent triggers.	PIR detector mounted in direct sunlight, near heat sources, or in windy areas.	Relocate the PIR detector away from direct sunlight, heat vents, or areas with strong air currents. Ensure it's not detecting pets or moving objects unintentionally.
No sound or light when motion is detected.	Volume set to silent; incorrect operating mode selected; receiver and sensor not paired (if applicable); sensor out of range.	Adjust volume. Verify the correct operating mode is selected. Ensure the sensor is within the 150m (open area) operating range. Re-pair devices if necessary (refer to pairing instructions, if provided in a full manual).
Limited detection range.	Obstructions blocking the sensor; improper mounting angle.	Clear any obstructions from the sensor's view. Adjust the mounting angle to optimize coverage.

SPECIFICATIONS

Feature	Detail
Model Number	KERUI-M7
Dimensions (Receiver)	17 x 10 x 4 cm
Weight	256 Grams (total package)
Power Source (Receiver)	DC 5V Adapter / 3 x AAA Batteries
Power Source (PIR Sensor)	Battery Powered (e.g., 2 x AAA for P817)

Feature	Detail
Wireless Range	Up to 150m (500ft) in open area
PIR Detection Range	Up to 8 meters
PIR Detection Angle	100 degrees
Sound Levels	4 adjustable levels (High, Medium, Low, Silent)
Max Volume	80 dB
Melodies	32 selectable ringtones
Frequency	433 MHz
Included Components	KERUI M7 Wireless Doorbell Alarm, KERUI HW7 Motion Detector (PIR)



The image shows the KERUI M7 Wireless Doorbell Alarm and the KERUI HW7 Motion Detector (PIR) in front of a yellow house. The doorbell is white with a black speaker grille and a silver push button. The motion detector is white and oval-shaped with a PIR sensor lens. Both devices have the KERUI logo on them.



150M/500ft



Volumen de 4 niveles



Luz de noche iluminada



32 melodías



Inalámbrico



Agregar 30 transmisor

Figure 10: Key features of the KERUI M7 system, including its 150m/500ft range, 4 volume levels, night light function, 32 melodies, wireless connectivity, and ability to add up to 30 transmitters.



Figure 11: Illustration of the KERUI M7's wireless range, demonstrating effective communication between the sensor and receiver over distances of 150-300 meters in open areas.

WARRANTY AND SUPPORT

KERUI provides comprehensive customer support for the M7 Wireless Doorbell Motion Detector:

- **Warranty:** 12-month warranty from the date of purchase.
- **Technical Support:** Free lifetime technical support.
- **Customer Service:** Friendly customer service available within 24 hours.

For any questions or assistance, please contact KERUI customer support via the Amazon email system or visit the official KERUI store.

System Expansion

The KERUI M7 system is expandable. You can add additional sensors such as PIR motion detectors, door/window sensors, emergency buttons, CO gas detectors, smoke/fire detectors, and water leak sensors to enhance your home security system. Up to 30 additional accessories can be paired with the M7 receiver.

HASTA 30 ACCESORIOS PARA PROTEGER TU HOGAR



Figure 12: The KERUI M7 system can be expanded with various accessories like door/window sensors, PIR detectors, emergency buttons, CO gas detectors, smoke/fire detectors, and water leak sensors to create a comprehensive security solution.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

How do I add new sensors to the KERUI M7 Wireless Doorbell Motion Detector system?

The KERUI M7 system is expandable and supports up to 30 additional accessories, including PIR motion detectors, door/window sensors, and emergency buttons. While the specific button sequence for pairing is not detailed in the...

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