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TECKNET TK-WD009

TECKNET Wireless Motion Sensor Door Chime (Model TK-WD009) User Manual

Model: TK-WD009

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your TECKNET Wireless Motion Sensor Door Chime. Please read this manual thoroughly before use to ensure proper functionality and safety.



Image: The TECKNET Wireless Motion Sensor Door Chime system, showing the motion sensor and the plug-in receiver unit.

2. PRODUCT COMPONENTS

The TECKNET Wireless Motion Sensor Door Chime package includes the following items:

- 1 Motion Sensor Transmitter
- 1 Mounting Bracket
- 1 RGB Receiver
- 1 Screw Kit
- 1 User Manual (this document)



Image: Labeled components of the motion sensor and receiver, highlighting the PIR sensor, reminder light, and control buttons.

3. SETUP AND INSTALLATION

3.1. Motion Sensor Installation

The motion sensor is battery-powered and can be mounted using the included bracket and screws. Ensure the sensor is placed in a location where it can detect movement effectively, typically at a height of at least 1.6 meters (approximately 5.2 feet) for optimal detection.

1. Open the battery compartment on the back of the motion sensor.
2. Insert 3 AAA batteries (not included) into the compartment, ensuring correct polarity.
3. Close the battery compartment.
4. Attach the mounting bracket to your desired location using the provided screws.
5. Secure the motion sensor onto the mounting bracket.



Image: Step-by-step guide for installing the motion sensor, including battery insertion and mounting.

PIR Motion Detection

Alarm Sound Up to 120dB
to Deter Thieves



Image: Recommended installation height for the motion sensor to ensure optimal PIR detection.

3.2. Receiver Setup

Plug the RGB Receiver into a standard electrical outlet in your desired location. The receiver is designed for indoor use.

3.3. Pairing the Motion Sensor and Receiver

The product is pre-paired at the factory. If you need to re-pair or add multiple sensors, follow these steps:

1. **Clear Code Operation:** Long press the "Volume/Clear Code" button on the receiver for more than 5 seconds. You will hear a "ding dong" beep, indicating that the clear code operation is complete.
2. **Pairing:** Press and hold the "Next" button on the receiver for more than 3 seconds. A "ding dong" prompt sound will be heard, and the receiver will enter the code learning state.
3. **Trigger Sensor:** Pass through the sensor monitoring area to trigger the sensor. The RGB indicator on the receiver will flash and the chime will sound, indicating successful pairing.

How to Re-pair Motion Sensor?

* Products are paired at the factory, but need to be re-paired when adding multiple sensors



Step 1

Clear code operation: Long press the host 'volume/clear code' key for more than 5s, and hear the 'ding dong' beep, which indicates that the clear code has been completed.



Step 2

Pairing: Press and hold the "Next" button on the host for more than 3s. A "ding dong" prompt sound is heard, and the host enters the code learning state. The detector is triggered, and the host sounds ringtone, indicating that the pairing operation is successful.



Step 3

Pass through the sensor monitoring area, trigger the sensor, the RGB indicator flashes and rings the bell.

Image: Instructions for re-pairing the motion sensor with the receiver.

4. OPERATING INSTRUCTIONS

4.1. Adjusting Volume Levels

The receiver offers 5 adjustable volume levels, ranging from 0dB (silent mode) to 120dB. Press the "Volume Control" button on the side of the receiver to cycle through the volume settings.

Loud Alert Sound

5 Adjustable Volume Levels



0dB



60dB



120dB



Image: Visual representation of the 5 adjustable volume levels and their suitability for different environments.

4.2. Selecting Chimes

The receiver features 60 customizable melodies and 1 emergency alarm tone. Use the "Previous Chime Mode" and "Next Chime Pairing" buttons on the side of the receiver to browse and select your preferred chime.

Multiple Chimes & Alarms



RGB
Display



61
Ringtones



5 Volume
Levels



1000Ft
Wireless Range



Silent
Mode



Memory
Function



Image: Overview of the receiver's features, including the selection of 61 chimes.

4.3. Silent Mode and Visual Alert

The exclusive silent mode (0dB volume) allows for discreet notifications. In this mode, the RGB light indicator will still flash upon detection, providing a visual alert. This feature is particularly useful for quiet environments or for individuals with hearing impairments.

RGB Display and Mute Mode

Specialized for the sleeping and napping of babies



Flashing Led light is helpful for hearing-impaired person



RGB Display



Silent Mode

Image: The receiver operating in silent mode, providing visual alerts via its RGB light, suitable for sleeping environments.

5. FEATURES

- **PIR Motion Detection:** Detects movement within 6 meters (20 feet) at a 110° wide angle. Features intelligent heat-signature recognition to minimize false triggers.
- **Wireless Range:** Up to 1000 feet (300 meters) wireless transmission, maintaining reliable connectivity through walls and floors.
- **Adjustable Alerts:** 61 selectable melodies (including 1 emergency alarm) and 5 volume levels (0-120dB).
- **Visual Alert:** RGB light indicator provides a flashing visual alert, visible in various lighting conditions.
- **Weather-Resistant Sensor:** Operates in temperatures from -4°F to 140°F (-20°C to 60°C).
- **Memory Function:** Retains selected chime and volume settings after power loss.

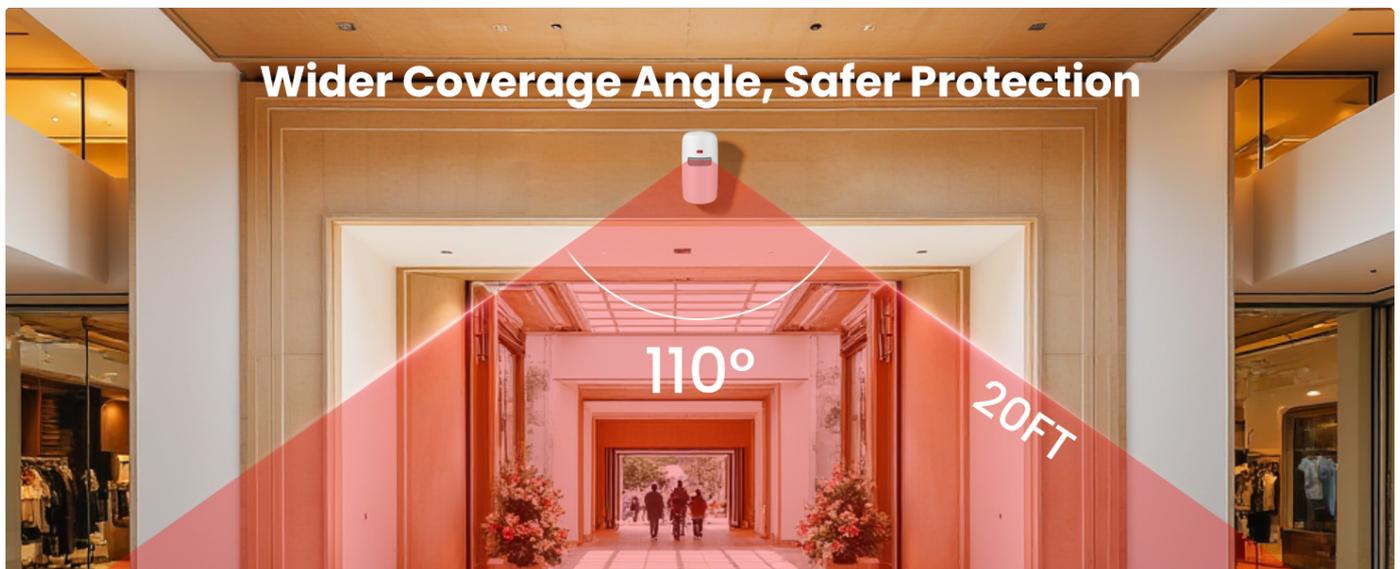


Image: Illustration of the motion sensor's wide-angle detection capability.



Image: Visual representation of the 1000ft wireless transmission range between the sensor and receiver.

6. APPLICATIONS

The TECKNET Wireless Motion Sensor Door Chime is a versatile system suitable for various environments and purposes:

- **Home Security:** Monitor entry points, driveways, or specific areas within your home.
- **Business & Retail:** Use as a customer entry notifier in stores, offices, or warehouses.
- **Elderly Care:** Place near a bed or doorway to monitor movement and provide alerts.
- **Child Safety:** Monitor children's movement in restricted areas or near exits.
- **Pet Monitoring:** Detect when pets enter or exit certain zones.
- **Anti-Theft:** Position to detect unauthorized entry and trigger an alarm.

1000FT Wireless Range & 20FT Motion Detection Distance



Image: Examples of the system's use for anti-theft, visitor alerts, and child safety.



Image: Further application examples for retail environments, elderly care, and pet monitoring.

7. MAINTENANCE

To ensure the longevity and optimal performance of your TECKNET Wireless Motion Sensor Door Chime, follow these maintenance guidelines:

- **Cleaning:** Wipe the sensor and receiver with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace the AAA batteries in the motion sensor when the low battery alert is indicated. Ensure correct polarity during replacement.
- **Environmental Protection:** While the sensor is weather-resistant, avoid direct exposure to heavy rain or prolonged submersion in water. Ensure the battery compartment is securely closed to prevent moisture ingress.
- **Signal Interference:** If you experience signal issues, try relocating the receiver or sensor to minimize interference from large metal objects or other wireless devices.

Wide-Angle Detection Range

Do Not Let Rainwater Enter the Battery



Image: Important note regarding battery protection from rainwater and an illustration of a low battery alert.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Receiver does not chime when motion is detected.	<ul style="list-style-type: none">• Sensor batteries are low or depleted.• Receiver is unplugged or not powered.• Sensor and receiver are not paired.• Volume is set to 0dB (silent mode).• Sensor is out of range or obstructed.	<ul style="list-style-type: none">• Replace sensor batteries.• Ensure receiver is securely plugged into a working outlet.• Re-pair the sensor and receiver (refer to Section 3.3).• Increase the volume level on the receiver.• Relocate the sensor or receiver closer to each other, or remove obstructions.

Problem	Possible Cause	Solution
False alarms or frequent triggers.	<ul style="list-style-type: none"> • Sensor is detecting non-human movement (e.g., pets, swaying branches). • Sensor is exposed to direct sunlight or rapid temperature changes. 	<ul style="list-style-type: none"> • Adjust sensor angle or height to exclude pets or environmental factors. • Relocate the sensor to a shaded area or away from heat sources.
Short wireless range.	<ul style="list-style-type: none"> • Thick walls or metal obstructions between sensor and receiver. • Interference from other wireless devices. 	<ul style="list-style-type: none"> • Relocate receiver or sensor to minimize obstructions. • Ensure receiver is not placed near large metal appliances or other strong wireless signals.

9. SPECIFICATIONS

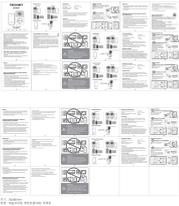
Feature	Detail
Brand	TECKNET
Model Number	TK-WD009
Color	White
Power Source (Sensor)	Battery Powered (3x AAA, not included)
Power Source (Receiver)	AC Plug-in
Maximum Wireless Range	1000 Feet (300 meters)
Motion Detection Range	6 meters (20 feet)
Detection Angle	110°
Mounting Type	Wall Mount
Material	ABS
Sound Level	0-120 dB (5 levels)
Melodies	61 (60 chimes + 1 emergency alarm)
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Product Dimensions	3"D x 3.7"W x 4.9"H (Receiver)
Item Weight	8.1 ounces

10. WARRANTY AND SUPPORT

TECKNET products come with a **36-month warranty**. If you encounter any issues or are not satisfied with your product, please contact TECKNET customer support. Each TECKNET product includes lifetime support (registration may be required). For support, please visit the official TECKNET website or contact their customer service directly.



Related Documents - TK-WD009

	<p>TECKNET Wireless Doorbell TK-WD895/TK-WD896 User Manual</p> <p>User manual for the TECKNET Wireless Doorbell models TK-WD895 and TK-WD896. This guide provides instructions on package contents, specifications, installation of the push button and receiver, usage, pairing, and safety information.</p>
	<p>TECKNET Wireless Doorbell TK-WD995 User Manual</p> <p>User manual for the TECKNET Wireless Doorbell, Model TK-WD995. This guide provides instructions on installation, usage, pairing, and troubleshooting for the doorbell system.</p>
	<p>Samsung Air Conditioner User Manual - Duct Type Series</p> <p>User manual for Samsung Duct Type Series air conditioners, covering features, installation, operation, maintenance, troubleshooting, and technical specifications.</p>
	<p>TECKNET TK-WD808 Wireless Doorbell User Manual and Installation Guide</p> <p>Comprehensive user manual for the TECKNET TK-WD808 wireless doorbell, detailing package contents, product features, usage instructions, pairing procedures, installation methods, maintenance tips, safety precautions, warranty information, and proper disposal guidelines.</p>
	<p>TECKNET TK-WD808 Wireless Doorbell: User Manual, Installation, and Safety Guide</p> <p>Official user manual and installation guide for the TECKNET TK-WD808 wireless doorbell. Includes product overview, specifications, setup instructions, pairing guide, maintenance tips, important safety warnings, 12-month warranty details, and EU conformity information.</p>
	<p>TeckNet Wireless Doorbell Installation and User Guide</p> <p>Comprehensive guide for installing and using the TeckNet Wireless Doorbell, featuring battery-free sockets, IP65 waterproofing, and multiple melodies and volume levels.</p>

Documents - TECKNET – TK-WD009



[\[pdf\]](#) User Manual Installation Guide Frequently Asked Questions Specifications

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