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## TECKNET TK-WD004

# TECKNET Wireless Doorbell TK-WD004 Instruction Manual

Model: TK-WD004

## INTRODUCTION

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Thank you for choosing the TECKNET Wireless Doorbell TK-WD004. This manual provides detailed instructions for the installation, operation, and maintenance of your new doorbell system. Please read this manual thoroughly before use to ensure proper functionality and safety.

The TECKNET Wireless Doorbell offers a reliable and convenient solution for your home or office. Key features include a long wireless range of up to 400 meters, IP65 waterproof rating for outdoor use, 60 selectable melodies, 5 adjustable volume levels, and RGB indicators for visual alerts.

## PACKAGE CONTENTS

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Please check the package for the following items:

- 1 x Wireless Doorbell Transmitter (Push Button)
- 1 x Wireless Doorbell Receiver (Chime Unit)
- 1 x CR2032 Lithium Battery (pre-installed in transmitter)
- Mounting Hardware (screws, anchors, double-sided adhesive tape)
- User Manual



Image: The package contents, showing the doorbell transmitter, receiver, and installation accessories.

## PRODUCT OVERVIEW

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The TECKNET Wireless Doorbell system consists of two main components: the transmitter (push button) and the receiver (chime unit).

### Transmitter (Push Button)

- **Push Button:** Activates the doorbell chime.
- **LED Indicator:** Illuminates when the button is pressed.
- **Battery Compartment:** Houses the CR2032 battery.
- **Waterproof Casing:** IP65 rated for outdoor durability.

### Receiver (Chime Unit)

- **Speaker:** Emits the selected melody.
- **Volume Button:** Adjusts the chime volume (5 levels, 0-120 dB).
- **Melody Selection Button:** Cycles through 60 available melodies.
- **Mode Button:** Selects between LED flash, chime, or both.
- **RGB Indicator:** Provides visual alerts with customizable lighting modes.
- **Power Plug:** Plugs directly into a standard electrical outlet.



Image: A detailed view of the doorbell receiver and transmitter, highlighting the RGB indicator, melody selection buttons, volume control, and the push button.

## SETUP AND INSTALLATION

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The TECKNET Wireless Doorbell is designed for easy installation. Follow these steps to set up your doorbell system.

### Step 1: Install the Receiver

1. Plug the receiver into a standard electrical outlet in your desired location. Ensure the outlet is easily accessible and within the wireless range of the transmitter.
2. The receiver does not require batteries.

### Step 2: Install the Transmitter (Push Button)

The transmitter can be installed using either adhesive tape or screws.

#### Option A: Adhesive Mounting

1. Clean the mounting surface thoroughly to ensure it is dry and free of dust or grease.
2. Peel off one side of the double-sided adhesive tape and apply it firmly to the back of the transmitter.
3. Peel off the other side of the tape and press the transmitter firmly onto the desired location (e.g.,

door frame or wall). Hold for at least 30 seconds.

### Option B: Screw Mounting

1. Open the transmitter casing carefully.
2. Mark the positions for the screw holes on your desired mounting surface.
3. Drill pilot holes if necessary and insert wall anchors.
4. Secure the transmitter base to the wall using the provided screws.
5. Reattach the transmitter casing.



Image: Visual guide for installing the doorbell transmitter using either adhesive tape or screws.

Note: The transmitter comes with a pre-installed CR2032 lithium battery, offering a lifespan of up to 3 years.

## OPERATING INSTRUCTIONS

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### 1. Changing Melodies

1. Press the "Melody Selection" button on the receiver to cycle through the 60 available melodies.
2. Once you hear your desired melody, stop pressing the button. The receiver will automatically save your selection.



Image: The doorbell receiver displaying musical notes, illustrating the selection of 60 different melodies.

### 2. Adjusting Volume

1. Press the "Volume" button on the receiver to adjust the sound level.
2. There are 5 adjustable volume levels, ranging from 0 dB (mute) to 120 dB.
3. The mute mode (0 dB) is useful for quiet environments or when visual alerts are preferred.



Image: A visual representation of the 5 volume levels, from silent (0 dB) to loud (120 dB), with corresponding typical sound environments.



Image: The doorbell receiver in silent mode, ideal for environments like a baby's room.

### 3. Selecting Lighting Modes (RGB Indicators)

1. Press the "Mode" button on the receiver to switch between different notification modes.
2. Available modes typically include:
  - **LED and Chime:** Both sound and visual alert.
  - **Only LED:** Visual alert only (silent mode).
  - **Only Chime:** Sound alert only (no LED flash).

3. The RGB indicator also offers various flash patterns such as "Ghost Flash", "Marching Flash", and "Breathing Flash" for visual distinction.



Image: Illustration of the three distinct RGB flash modes: Ghost Flash, Marching Flash, and Breathing Flash, providing visual cues for doorbell activation.

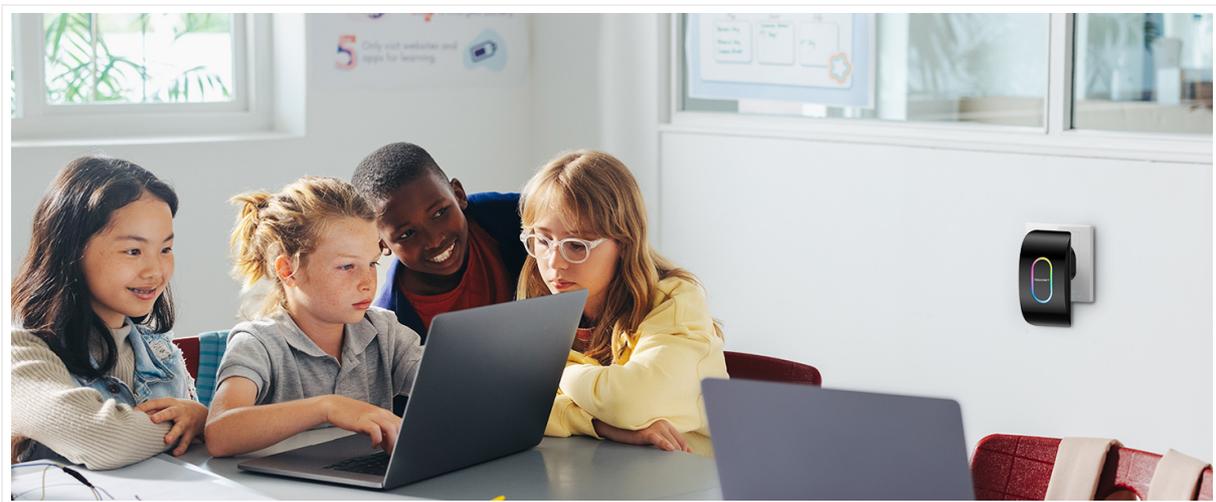


Image: The doorbell receiver's side view with labeled buttons for mode, melody, and volume, alongside visual examples of the three working modes: LED and chime, LED only, and chime only.

#### 4. Memory Function

The doorbell receiver features a memory function that retains your last selected melody and volume level even after a power outage or if unplugged.



Image: A graphic illustrating the doorbell's memory function, which saves your preferred melody and volume settings.

## MAINTENANCE

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### Battery Replacement (Transmitter)

The transmitter uses a CR2032 lithium battery with an estimated lifespan of up to 3 years. When the transmitter's LED indicator no longer lights up or the range decreases significantly, it's time to replace the battery.

1. Carefully open the transmitter casing.
2. Remove the old CR2032 battery.
3. Insert a new CR2032 battery with the positive (+) side facing up.
4. Close the casing securely.

### Cleaning

Wipe the doorbell units with a soft, dry cloth. Do not use abrasive cleaners or solvents, as these may damage the surface or internal components.

### Weather Resistance

The transmitter is IP65 rated, meaning it is protected against dust ingress and low-pressure water jets from any direction. It is designed to withstand various weather conditions, including temperatures from -20°C (-4°F) to 60°C (140°F).

# IP65 Antipolvere e impermeabile

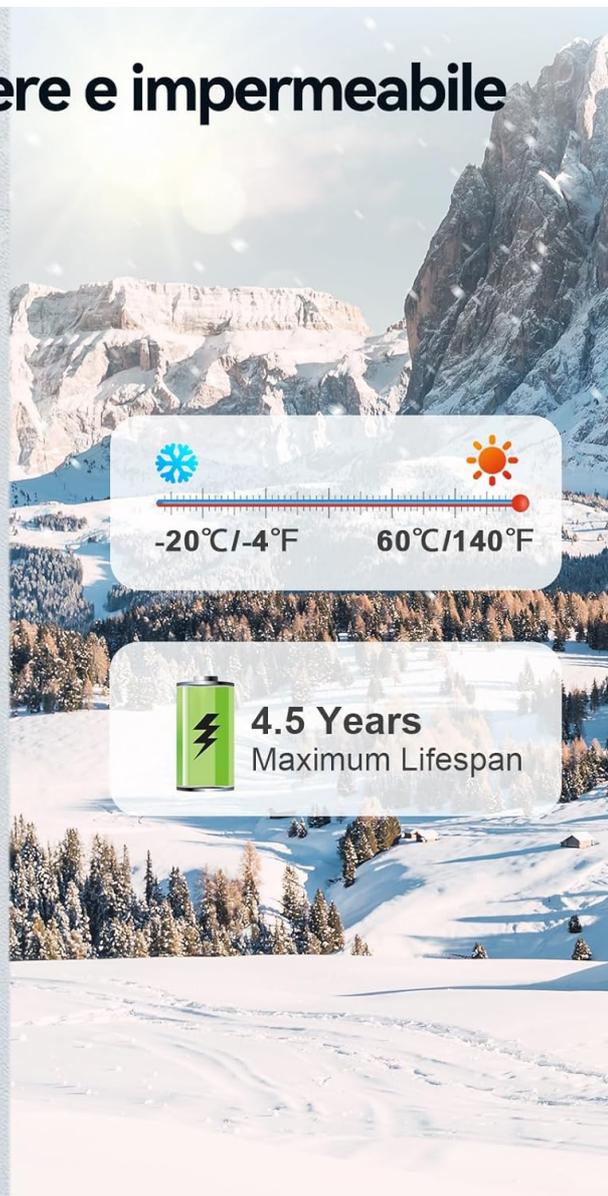


Image: The doorbell transmitter demonstrating its IP65 waterproof and dustproof capabilities, along with its operational temperature range.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Doorbell does not chime.	<ul style="list-style-type: none"><li>Receiver unplugged or no power.</li><li>Transmitter battery is low or dead.</li><li>Distance between transmitter and receiver is too far.</li><li>Interference from other wireless devices.</li><li>Receiver is in mute mode (0 dB volume).</li></ul>	<ul style="list-style-type: none"><li>Ensure receiver is plugged in and powered.</li><li>Replace the CR2032 battery in the transmitter.</li><li>Relocate receiver closer to the transmitter.</li><li>Move doorbell away from other electronics.</li><li>Adjust volume level on the receiver.</li></ul>

Problem	Possible Cause	Solution
Short wireless range.	<ul style="list-style-type: none"> <li>Obstructions (thick walls, metal structures).</li> <li>Low transmitter battery.</li> <li>Interference.</li> </ul>	<ul style="list-style-type: none"> <li>Relocate receiver or transmitter to minimize obstructions.</li> <li>Replace the CR2032 battery.</li> <li>Move away from other wireless devices.</li> </ul>
Chime sounds intermittently.	<ul style="list-style-type: none"> <li>Weak signal due to distance or interference.</li> <li>Low transmitter battery.</li> </ul>	<ul style="list-style-type: none"> <li>Check distance and potential interference.</li> <li>Replace the CR2032 battery.</li> </ul>

## SPECIFICATIONS

Feature	Detail
Model Number	TK-WD004
Wireless Range	Up to 400 meters (1300 feet)
Melodies	60 selectable chimes
Volume Levels	5 adjustable levels (0 dB to 120 dB)
Waterproof Rating (Transmitter)	IP65
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Transmitter Battery	1 x CR2032 Lithium Battery (included)
Receiver Power	AC powered (plugs into outlet)
Product Dimensions	Receiver: 8.7 x 7.5 x 11.2 cm; Transmitter: 5.8 x 4.1 x 7.5 cm (approximate, based on image)
Weight	160 grams (total package weight)

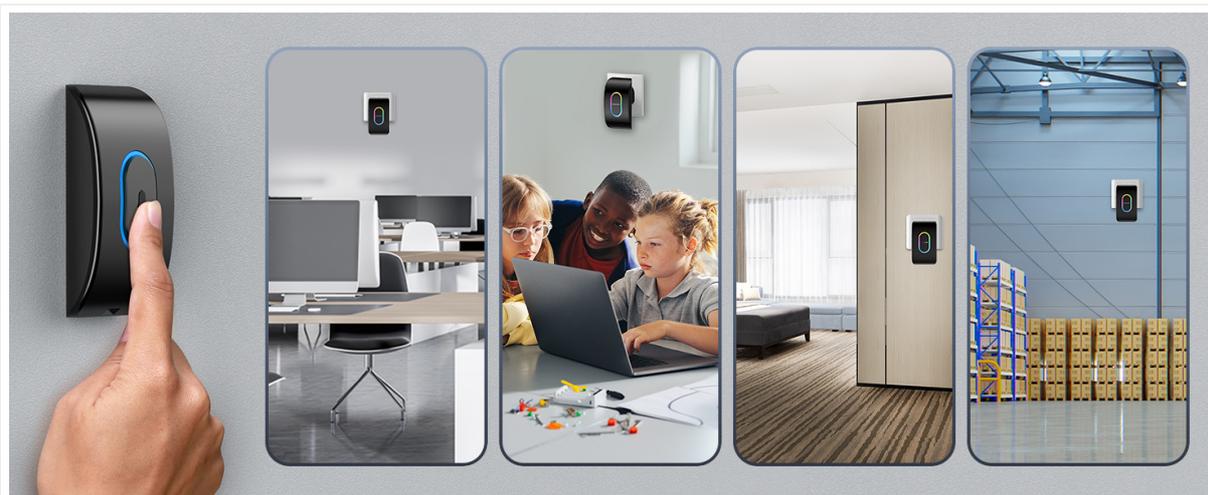


Image: Visual representation of the dimensions for both the receiver and the transmitter units.

## **WARRANTY AND SUPPORT**

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TECKNET provides a 36-month support period for this product. If you encounter any issues during the use of the product, please contact the professional TECKNET customer service team for assistance.

For further support or warranty claims, please refer to the contact information provided on the TECKNET official website or your purchase documentation.