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> TECKNET Wireless Doorbell, Battery-Powered Door Bell Ringer with 1400ft Range, 60 Chimes & Customizable Door Chime, 5 Volume Levels, IP65 Waterproof – No Plug-in Required, Perfect for Home Use 1 Transmitter+1 Receiver Black

TECKNET HWD01990

TECKNET Wireless Doorbell Instruction Manual

Model: HWD01990

Brand: TECKNET

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your TECKNET Wireless Doorbell. Please read this manual thoroughly before use to ensure proper functionality and longevity of the product.

2. PRODUCT FEATURES

- **Battery-Powered Convenience:** Offers a portable solution without the need for an electrical outlet, allowing flexible placement.
- **Extended Wireless Range:** Provides a remarkable 1400ft (approx. 426m) range for strong and reliable signal transmission.
- **Customizable Chimes & Volume:** Features 60 different chimes and 5 adjustable volume levels (0-110dB) for personalized alerts.
- **IP65 Weatherproof Design:** Built to withstand outdoor elements, ensuring durability in rain or snow.
- **Memory Function:** Automatically remembers your last volume, melody, and mode settings even after power loss.
- **Multiple Notification Modes:** Supports LED flashing only, doorbell chime only, or both.

3. PACKAGE CONTENTS

Verify that all components are present in your package:

- 1 x Wireless Doorbell Transmitter
- 1 x Wireless Doorbell Receiver

- Mounting Hardware (screws, anchors, adhesive tape)
- User Manual (this document)



Image: The TECKNET Wireless Doorbell package typically includes one transmitter and one receiver, both in black, ready for installation.


4. SETUP AND INSTALLATION


4.1. Battery Installation (Receiver)

1. Open the battery compartment on the back of the receiver unit.
2. Insert the required batteries (not included) according to the polarity markings (+/-).
3. Close the battery compartment securely.


Silent LED Notification Mode



Mute Mode 

LED Notification 

5 Volume Levels 

60 Ringtones 



0 dB



60-70dB



70-80dB



80-90dB



90-110dB

Image: The receiver unit showing the battery compartment and the process of inserting batteries.

4.2. Transmitter Installation

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

Using Adhesive Tape:

1. Clean the desired installation surface thoroughly to ensure it is free of dust and moisture.
2. Peel off one side of the protective film from the adhesive tape and attach it to the back of the transmitter.
3. Peel off the other side of the protective film and firmly press the transmitter onto the cleaned surface for at least 30 seconds.

Using Screws:

1. Mark the desired drilling points on the wall using the transmitter's mounting holes as a guide.
2. Drill holes at the marked points and insert the wall anchors if necessary.
3. Secure the transmitter to the wall using the provided screws.



1300ft/400m Wireless Long Range



Image: The doorbell transmitter mounted on an exterior wall, demonstrating its discreet design.

4.3. Pairing (if necessary)

Your doorbell units are typically pre-paired from the factory. If re-pairing is needed or you are adding additional transmitters/receivers:

1. Press and hold the volume button on the receiver for 5 seconds until it emits a "ding" sound and the LED indicator flashes. This indicates pairing mode.
2. Within 5 seconds, press the button on the transmitter. The receiver will chime, indicating successful pairing.
3. To pair multiple transmitters, repeat the process for each additional transmitter.

Video: This video demonstrates the easy setup process, including how to install batteries and pair the doorbell components.

5. OPERATING INSTRUCTIONS

5.1. Changing Chimes

The receiver offers 60 different chimes. To change the chime:

- **Next Chime:** Single-click the chime selection button on the side of the receiver.
- **Previous Chime:** Double-click the chime selection button on the side of the receiver.



Image: Close-up of the receiver unit highlighting the chime selection and volume buttons for easy adjustment.

5.2. Adjusting Volume

There are 5 adjustable volume levels (0-110dB). To adjust the volume:

- Press the volume button on the side of the receiver to cycle through the available volume levels.
- The lowest setting is mute (0dB), indicated by an LED flash only.

 **IP65 Dustproof and Waterproof**



-20°C/-4°F — 60°C/140°F

Operating Temperature



4.5 Years

Maximum Lifespan

Image: Visual representation of the 60 chimes and 5 volume levels, from 0dB to 110dB, available on the doorbell receiver.

5.3. Notification Modes

The doorbell supports three notification modes:

- **LED Flashing Only:** Ideal for quiet environments or when sound is not desired.
- **Doorbell Chime Only:** Standard audible notification.
- **Both:** Combines audible chime with visual LED flash.

The doorbell remembers your last selected volume, melody, and mode settings even after power loss, thanks to its built-in memory function.

6. MAINTENANCE

To ensure optimal performance and longevity of your TECKNET Wireless Doorbell, follow these maintenance guidelines:

- **Cleaning:** Wipe the units with a soft, dry cloth. Do not use abrasive cleaners or solvents.

- **Battery Replacement:** Replace batteries in the receiver when the sound becomes weak or the LED indicator no longer flashes. For the transmitter, replace the battery if it stops sending signals.
- **Weather Protection:** While the transmitter is IP65 weatherproof, avoid prolonged submersion in water or exposure to extreme temperatures outside its operating range (-20°C to 60°C / -4°F to 140°F).
- **Signal Interference:** If you experience signal issues, ensure the distance between the transmitter and receiver is within the specified range and there are no major obstructions (e.g., thick concrete walls, large metal objects) that could interfere with the wireless signal.



No Socket required, more flexible to install and use



Image: The doorbell transmitter demonstrating its IP65 dustproof and waterproof capabilities, suitable for various weather conditions.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Doorbell does not ring.	Low or dead batteries in receiver/transmitter. Units are not paired. Distance too far or signal interference.	Replace batteries. Re-pair the units (refer to Section 4.3). Reduce distance or relocate units away from large metal objects/electronics.
Chime volume is too low or too high.	Volume setting needs adjustment.	Press the volume button on the receiver to cycle through volume levels (refer to Section 5.2).
Chime sound is not desired.	Incorrect chime selected.	Use the chime selection button to choose a different melody (refer to Section 5.1).
LED flashes but no sound.	Receiver is in mute mode.	Press the volume button to increase the volume or select a different notification mode.

8. SPECIFICATIONS

- **Model Number:** HWD01990
- **Wireless Range:** Up to 1400ft (426m) in open air
- **Chimes:** 60 selectable melodies
- **Volume Levels:** 5 levels (0-110dB)
- **Waterproof Rating (Transmitter):** IP65
- **Power Source (Receiver):** Battery Powered (Batteries not included)
- **Power Source (Transmitter):** Battery Powered
- **Operating Temperature:** -20°C to 60°C (-4°F to 140°F)
- **Product Dimensions:** 4.53 x 2.48 x 2.13 inches (approximate, for the kit)
- **Item Weight:** 4.2 ounces (for the kit)

9. WARRANTY AND SUPPORT

TECKNET products are designed and manufactured to the highest quality standards. This product is covered by a standard manufacturer's warranty. For detailed warranty information, technical support, or customer service inquiries, please refer to the contact information provided on the product packaging or visit the official TECKNET website.

You can also visit the [TECKNET Store on Amazon](#) for more product information and support resources.