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PHYSEN WET05

PHYSEN Wireless Doorbell Signal Extender Kit

MODEL: WET05

User Manual

1. Introduction

The PHYSEN Wireless Doorbell Signal Extender Kit, Model WET05, is designed to relay your existing doorbell's chime to other areas of your home. This system ensures you never miss a visitor by extending the doorbell signal to locations such as bedrooms, basements, attics, or garages, effectively overcoming structural limitations.

The kit includes one signal converter and one receiver, offering a reliable solution for enhancing your home's doorbell coverage.

NIE WIEDER EINEN BESUCHER VERPASSEN



Echtzeit-Signalweiterleitung



Große Signalreichweite



Starke Durchdringungskraft



Image Description: This image illustrates the primary function of the PHYSEN doorbell extender. On the left, a person is shown pressing an outdoor doorbell button. On the right, a person inside a home is smiling, indicating they can hear the doorbell chime, which is visually represented by musical notes emanating from the wall-plugged receiver. This highlights the product's ability to extend the doorbell signal indoors.

2. Product Components

Your PHYSEN Wireless Doorbell Signal Extender Kit includes the following main components:

- **1 x Signal Converter (Transmitter):** This small, round unit connects to your existing doorbell's wiring to detect the chime signal and transmit it wirelessly.
- **1 x Receiver:** This larger, square unit plugs into a standard wall outlet and produces the chime sound and visual alerts when it receives a signal from the converter.

UPGRADE-KLINGELANLAGEN FUNKKONVERTER

Kompatibel mit mehr Modellen traditioneller und verkabelter Türklingeln



Image Description: This detailed diagram displays both the PHYSEN receiver and the signal converter. The receiver, a white square unit with a blue LED ring, is shown with its dimensions (8cm x 8.5cm) and labeled components such as the LED light, power plug, and speaker. The converter, a smaller white circular unit, is shown with its dimensions (5cm diameter) and internal components including the battery, LED light, and wiring terminals (red for positive, black for negative). This image provides a clear visual overview of the product's parts and their physical characteristics.

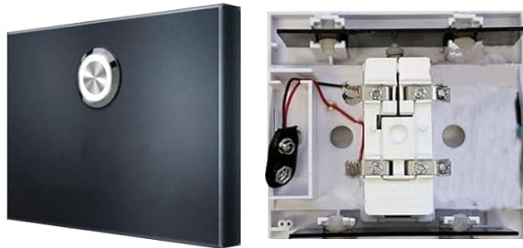
3. Setup and Installation

The PHYSEN Wireless Doorbell Signal Extender offers two installation modes for the signal converter to ensure compatibility with various doorbell systems.

3.1. Installation Modes for the Signal Converter

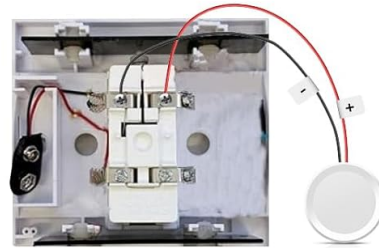
SCHNELLE INSTALLATION

1



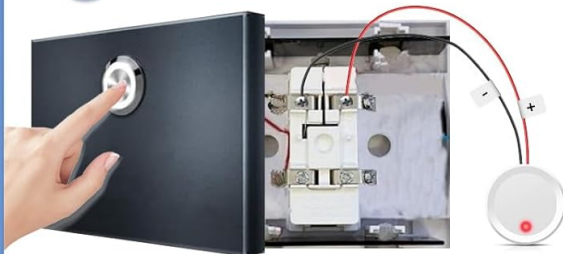
Öffnen Sie die Türklingelabdeckung.

2



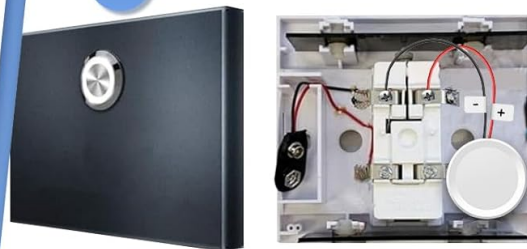
Schließen Sie den Funksender an die beiden Anschlüsse an, die das Auslösen der mechanischen Türklingel steuern.

3



Drücken Sie den Klingelknopf – die LED-Anzeige leuchtet auf und der Empfänger klingelt, was auf eine erfolgreiche Verbindung hinweist.

4



Befestigen Sie den Sender mit Klebeband an der Türklingelabdeckung, um ein Lockern zu verhindern.



Hinweis: Bei Überschreitung des Spannungsbereichs verwenden Sie bitte einen Transformator.

Image Description: This image presents two distinct installation modes for the signal converter. **Mode 1: Short-circuit Trigger Mode**, depicted with a red arrow pointing to a jumper setting, is suitable for doorbells where only the button functions due to a defective circuit. **Mode 2: AC/DC Input Mode**, also with a red arrow indicating a different jumper setting, details wiring for both AC and DC power sources. For AC input (3-24V), wires can be connected without polarity distinction. For DC input (5-32V), polarity must be observed (red wire to positive, black wire to negative). This visual guide helps users select and configure the correct mode for their existing doorbell.

• Mode 1: Short-circuit Trigger Mode

This mode is suitable for doorbells where the internal circuit may be damaged, but the doorbell button still creates a short circuit when pressed. If this mode is used with a fully functional doorbell circuit, it may cause malfunction.

• Mode 2: AC/DC Input Mode

- **AC Input:** The input voltage range is 3-24V. The two wires can be connected directly to the AC terminals without polarity distinction.
- **DC Input:** The input voltage range is 5-32V. Polarity must be observed: connect the red wire to the positive (+) terminal and the black wire to the negative (-) terminal.

3.2. Quick Installation Steps

Follow these steps to install the signal converter with your existing mechanical doorbell:

1. **Open the Doorbell Cover:** Carefully open the cover of your existing mechanical doorbell unit.
2. **Connect the Wireless Transmitter:** Connect the two wires from the signal converter to the terminals that trigger your mechanical doorbell. Ensure the correct mode (AC/DC or Short-circuit) is selected as

per Section 3.1.

3. **Test the Connection:** Press your doorbell button. The LED indicator on the signal converter should light up, and the receiver (plugged into an outlet) should chime, indicating a successful connection.
4. **Secure the Transmitter:** Use the provided adhesive tape to securely attach the signal converter inside the doorbell cover, preventing it from coming loose.



Image Description: This image provides a four-step visual guide for the quick installation of the signal converter. Step 1 shows opening the doorbell cover. Step 2 illustrates connecting the wireless transmitter's wires to the existing doorbell's trigger terminals. Step 3 depicts pressing the doorbell button to test the connection, with the LED on the converter lighting up and the receiver chiming. Step 4 shows securing the transmitter inside the doorbell cover with adhesive tape. A warning note at the bottom advises using a transformer if the voltage range is exceeded.

Note: If the input voltage exceeds the specified range, please use a transformer for compatibility.

4. Operating Instructions

4.1. Ringtones and Volume Options

The receiver offers a variety of customization options:

- **58 Ringtones:** Choose from 58 pre-installed melodies. You can also customize and replace ringtones to suit your personal preferences.
- **5-Level Volume Control:** Adjust the volume from 0 dB (silent) to 110 dB. This ensures adaptability in

various environments, from quiet bedrooms to noisy outdoor areas.



Image Description: This image shows the PHYSEN receiver plugged into a wall socket in a modern living space. Below the receiver, four icons highlight its key features: a volume icon indicating a range of 0-110 dB, a musical note icon representing 58 ringtones, a sound wave icon for 5 volume levels, and an LED light icon. This visually communicates the receiver's customizable audio and visual alert capabilities.



5-STUFIGE LAUTSTÄRKEREGELUNG

Silent-Modus ist mit LED-Licht nutzbar

Image Description: This graphic visually represents the 5-level volume control feature of the PHYSEN doorbell receiver. It shows five different scenarios with corresponding decibel levels: 0dB (silent mode, usable with LED light), 35dB, 65dB, 95dB, and 110dB. Each level is associated with a typical environment (e.g., sleeping, working, party, alarm, construction) to illustrate the practical application of the volume settings. The receiver unit is shown in the bottom right corner.

4.2. Dual Signal Feedback

The doorbell extension combines both acoustic (chime) and visual (LED light) indicators. This dual sensory feedback enhances awareness, especially in loud environments or during nighttime when sound might be less effective.

4.3. Power-Off Memory Chip

Equipped with a power-off memory chip, the receiver permanently saves your user settings (e.g., selected ringtone, volume level). This eliminates the need for reconfiguration after a power outage.

5. Compatibility and Signal Range

The PHYSEN Wireless Doorbell Signal Extender is compatible with electronic, electromechanical, and mechanical bells/gongs. Its dual-mode compatibility (short-circuit activation and AC/DC input) addresses common compatibility issues with conventional doorbell systems.

The signal range can extend up to 150 meters (500 feet) in open areas. Please note that metal structures and other obstacles may affect the actual transmission distance.

Important: This system is not compatible with completely damaged doorbell systems.

150 M / 500 FT SIGNALREICHWEITE

Starkes Signal, starke Durchdringung



Image Description: This image visually demonstrates the 150m / 500ft signal range of the PHYSEN doorbell extender. An overhead view of a multi-room house shows the signal originating from an outdoor doorbell and being picked up by the receiver placed indoors. Blue concentric circles illustrate the signal propagation, indicating strong penetration through various common household obstacles like doors, brick walls, and concrete walls, confirmed by checkmarks. This highlights the product's ability to provide extensive coverage throughout a home.

6. Troubleshooting

6.1. Re-pairing for Abnormal Ringing

If the doorbell exhibits abnormal ringing or fails to chime, re-pairing the signal converter and receiver may resolve the issue. Follow these steps:

1. **Plug in the Receiver:** Ensure the receiver is plugged into a power outlet.
2. **Enter Pairing Mode (Receiver):** Press and hold either the "Up" or "Down" button on the receiver until you hear a sound. Then, press and hold the volume button until the pairing mode is activated (indicated by a specific sound or light pattern).
3. **Activate the Transmitter:** Within 5 seconds of activating pairing mode on the receiver, press the button on your existing doorbell (which is connected to the signal converter).
4. **Confirm Pairing:** If the receiver chimes, the pairing was successful.

7. Specifications

Feature	Detail
Brand	PHYSEN
Model Number	WET05
Product Dimensions (Receiver)	9 x 7.7 x 9.5 cm
Product Weight	160 g
Included Components	1 Signal Converter, 1 Receiver
Batteries Required	No
Input Voltage (AC Mode)	3-24V
Input Voltage (DC Mode)	5-32V
Signal Range	Up to 150 meters (500 feet)
Volume Levels	5 (0-110 dB)
Ringtones	58

8. Safety Information

- Ensure proper voltage is supplied to the signal converter. Use a transformer if your doorbell's voltage is outside the specified 3-24V AC or 5-32V DC range.
- Always observe polarity when connecting in DC input mode (red wire to positive, black wire to negative).
- Do not attempt to repair or modify the device yourself. Contact customer support for assistance.
- Keep the device away from water and high humidity.
- This product is not intended for use with completely non-functional doorbell systems.

9. Customer Support

For any questions, technical support, or warranty inquiries regarding your PHYSEN Wireless Doorbell Signal Extender Kit, please refer to the contact information provided with your purchase or visit the official PHYSEN website.