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› HYHIOTS RF433MHz Wireless Remote Control Outlet Kit (1 Switch, 1 Receiver) - Model WHDZ01-E

HYHIOTS WHDZ01-E

HYHIOTS RF433MHz Wireless Remote Control Outlet Kit - Model WHDZ01-E

Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the HYHIOTS RF433MHz Wireless Remote Control Outlet Kit, Model WHDZ01-E. This kit allows for convenient wireless control of various electrical devices, offering a maximum power handling of 3500W and a remote control range of up to 100 meters in open areas. It is designed for ease of use with no complex wiring or Wi-Fi configuration required.

2. PACKAGE CONTENTS

The HYHIOTS RF433MHz Wireless Remote Control Outlet Kit includes the following components:

- 1 x HYHIOTS Portable Transmitter (Remote Control) - Battery (CR2032) included.
- 1 x HYHIOTS RF Plug Receiver (Wireless Outlet).
- 1 x Instruction Manual (this document).

3. SPECIFICATIONS

Brand	HYHIOTS
Model Number	WHDZ01-E
Frequency	433.92 MHz (EU compliant)
Power Supply (Receiver)	AC 100-250 V
Power Supply (Transmitter)	3 V CR2032 Battery (included)
Max Power (Wattage)	3500 W
Rated Current	16 Ampere
Operating Voltage	240 Volt
Wireless Control Range	Up to 100 m (open area)
Operating Temperature	-20°C ~ 60°C
Receiver Dimensions (LxWxH)	5 x 5 x 8.3 cm (approx. 1.97 x 1.97 x 3.27 inches)
Transmitter Dimensions (LxWxH)	5 x 5 x 1.5 cm (approx. 1.97 x 1.97 x 0.59 inches)
Material	ABS (Flame-retardant)
Certifications	CE, RoHS, FCC
Protection Rating	IP44 (Receiver - for outdoor use, resistant to splashes)

4. SETUP AND INSTALLATION

The HYHIOTS Wireless Remote Control Outlet is designed for quick and easy setup without the need for complex wiring or Wi-Fi configuration. The receiver and transmitter are typically pre-paired from the factory.

4.1 Initial Setup (Plug and Play)

- 1. Insert Receiver:** Plug the RF Plug Receiver into any standard EU wall socket. Ensure the socket is easily accessible.
- 2. Connect Device:** Plug the electrical appliance you wish to control into the RF Plug Receiver.
- 3. Test Remote:** Use the portable transmitter (remote control) to turn the connected appliance ON and OFF. The system should respond immediately.

Plug and Play Right

Now just click on/off for wireless control
No need for WiFi.



Figure 4.1: Plug and Play Right - Simple connection and control.

The system is designed for immediate use. Simply click ON/OFF on the remote for wireless control. No need for Wi-Fi.

4.2 Pairing Additional Transmitters/Receivers (if applicable)

If you have multiple units or need to re-pair a transmitter to a receiver, follow these general steps. (Note: Specific pairing instructions may vary slightly; refer to the detailed instructions provided with your kit if different.)

1. **Reset Receiver (Optional):** Unplug the receiver from the wall socket. Press and hold the manual button on the receiver while plugging it back into the wall socket. Continue holding the button until the indicator light flashes rapidly, then release.
2. **Enter Pairing Mode:** With the receiver plugged in and its indicator light flashing (or in pairing mode), press and hold the manual button on the receiver for approximately 5 seconds until the indicator light starts blinking.
3. **Pair Transmitter:** Within a few seconds of the receiver's light blinking, press any ON or OFF button on the remote control. The receiver's indicator light should stop blinking and remain solid (or turn off), indicating successful pairing.
4. **Test Pairing:** Press the ON/OFF buttons on the remote to confirm control over the receiver.

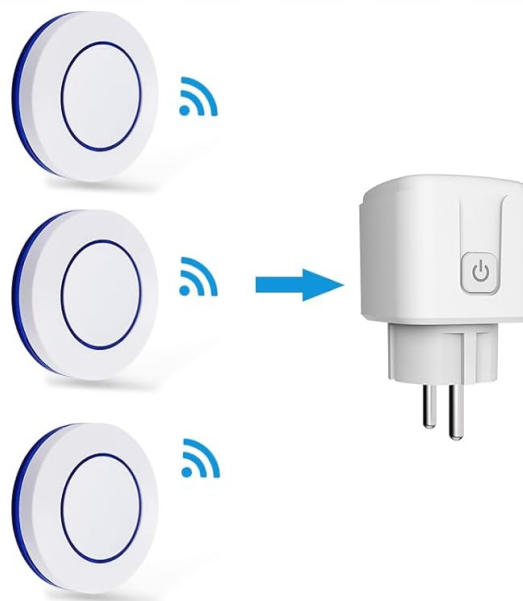
Programmable and Expandable

Hassle-free on/off control of your plugged-in devices and appliances

One switch controls one outlet



Multiple switches control one outlet



Multiple switches control one outlet

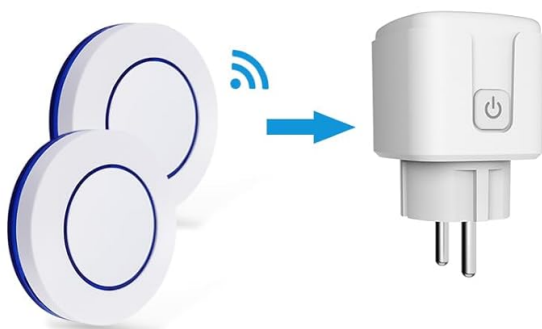


Figure 4.2: Programmable and Expandable - Illustrates pairing options.

The system is programmable and expandable, allowing for flexible control configurations.

4.3 Remote Control Mounting

The portable transmitter can be mounted using an adhesive sticker for convenient access.

1. **Prepare Surface:** Ensure the desired installation surface is clean and dry.
2. **Apply Sticker:** Place the adhesive sticker on the back of the remote control.
3. **Mount Remote:** Stick the remote control onto the desired installation position, such as a wall or refrigerator.



Figure 4.3: Adhesive Sticker Installation - Mounting the remote control.

5. OPERATING INSTRUCTIONS

The HYHIOTS Wireless Remote Control Outlet offers two primary methods of operation:

5.1 Remote Control Operation

- **Turn ON:** Press the "ON" button on the portable transmitter to activate the connected appliance.
- **Turn OFF:** Press the "OFF" button on the portable transmitter to deactivate the connected appliance.

The remote control allows you to operate devices from a distance of up to 100 meters in open areas, even through walls and doors, thanks to its RF 433MHz technology.

TWO CONTROL METHODS



Figure 5.1: Two Control Methods - Remote and manual operation.

5.2 Manual Operation

- Each RF Plug Receiver has a manual button. Press this button once to toggle the power ON or OFF for the connected appliance.

This provides a convenient way to control the device directly at the outlet if the remote is not available.

5.3 Application Scenarios

The wireless remote control outlet is versatile and can be used in various settings:

- **Indoor Use:** Control lamps, fans, or other appliances from your sofa or bed.
- **Garage:** Remotely switch on electric heaters or tools.
- **Garden/Outdoor:** Control outdoor lights or water pumps without needing to go outside. (Note: Receiver has IP44 rating for splash resistance).

Compatible with Most Electrical Appliances



Suitable for Most People



Figure 5.2: Compatible with Most Electrical Appliances - Versatile usage examples.

Remote for fans

Note: It only serves to power on and off, and cannot adjust the shaking head and wind speed.



Figure 5.3: Remote for Fans - Controls power, not speed.



Figure 5.4: Easy to Use - Various convenient usage methods.

6. MAINTENANCE

- **Cleaning:** Wipe the surfaces of the receiver and transmitter with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- **Battery Replacement:** If the remote control's indicator light does not illuminate or its range decreases significantly, replace the CR2032 battery in the transmitter. Ensure correct polarity.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures when not in use for extended periods.

7. TROUBLESHOOTING

Problem	Solution
Device does not respond to remote control.	<ul style="list-style-type: none"> ◦ Check if the receiver is properly plugged into a live wall socket. ◦ Ensure the appliance plugged into the receiver is switched ON (if it has its own power switch). ◦ Replace the battery in the remote control (CR2032). ◦ Re-pair the remote control with the receiver (refer to Section 4.2). ◦ Ensure the remote is within the operating range (up to 100m in open areas).
Remote control range is reduced.	<ul style="list-style-type: none"> ◦ Replace the battery in the remote control. ◦ Minimize obstacles (thick walls, metal objects) between the remote and the receiver. ◦ Avoid sources of strong electromagnetic interference.
Receiver indicator light is off.	<ul style="list-style-type: none"> ◦ Check if the wall socket has power. ◦ Ensure the receiver is fully inserted into the wall socket. ◦ If the light is off after pairing, it might indicate normal operation (some models turn off the light to save power). Try pressing the remote button to see if the appliance responds.

8. SAFETY INFORMATION

- Do not exceed the maximum load capacity of 3500W (16A). Overloading can cause overheating and fire hazards.
- For indoor use, ensure the receiver is not exposed to moisture or extreme temperatures outside its operating range. The receiver has an IP44 rating, making it suitable for outdoor use where it may be exposed to splashes, but it is not submersible.
- Do not disassemble or modify the device. This may void the warranty and pose safety risks.
- Keep out of reach of children.
- Ensure proper ventilation around the receiver when in use.
- Disconnect the receiver from the power outlet before cleaning or when not in use for extended periods.
- Dispose of batteries responsibly according to local regulations.

9. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. For specific warranty details, please refer to the documentation included with your purchase or contact HYHIOTS customer support.

For technical support or inquiries, please contact the seller or HYHIOTS directly through their official channels.