

DEWENWILS OR 102.HRFR02C

DEWENWILS Outdoor Wireless Remote Control Outlet User Manual

Model: OR 102.HRFR02C

1. INTRODUCTION

Thank you for choosing the DEWENWILS Outdoor Wireless Remote Control Outlet. This device provides a convenient and efficient way to control your outdoor and indoor electrical appliances remotely. Its robust, weatherproof design ensures reliable performance in various environmental conditions. Please read this manual thoroughly before use to ensure proper operation and safety.

2. PRODUCT OVERVIEW & WHAT'S IN THE BOX

The DEWENWILS Outdoor Wireless Remote Control Outlet system includes a receiver unit with two independently controlled sockets and a remote transmitter. The receiver is designed for heavy-duty use, capable of handling up to 15A / 1875W resistive loads.



Image: DEWENWILS Outdoor Wireless Remote Control Outlet and Remote Transmitter.

Package Contents:

- 1 x Exterior Remote Control Power Switch (Receiver Unit)
- 1 x Remote Transmitter
- 1 x CR2032 3V Battery (pre-installed in remote)

3. KEY FEATURES

- **Heavy Duty Capacity:** Supports up to 15A / 1875W Resistive, 1000W Tungsten, 1/2HP.
- **Independent Control:** Two sockets can be controlled independently or simultaneously using the remote.
- **Strong RF Signal:** Operates through walls and doors with a remote range of up to 100ft in open areas.
- **Simple Setup:** Plug-and-play design requires no programming.
- **Weatherproof Construction:** Durable PC shell resists abrasion, moisture, cold, and sunlight, suitable for indoor and outdoor use.
- **Non-Interference Technology:** Utilizes variable learning codes to prevent interference with other remote systems.

4. SETUP INSTRUCTIONS

The DEWENWILS remote control outlet is designed for quick and easy installation with no tools or complex programming required.

1. **Unpack:** Carefully remove all components from the packaging.
2. **Placement:** For outdoor use, ensure the outlet is installed vertically at least 2 feet (60 cm) above the ground to prevent water accumulation. Avoid fully immersing the unit in water or exposing it to direct water streams.



Image: Proper vertical installation for weather resistance, avoiding immersion and direct water streams.

3. **Plug In:** Plug the receiver unit into a standard 125V AC electrical outlet. The 7-inch SJTW 14/3C heavy gauge thick extension cord is designed to withstand harsh outdoor conditions.

PLUG AND PLAY

Suitable for most electrical appliances. control.



Image: The receiver unit with its flat plug and two outlets, ready for connection.

4. **Connect Devices:** Plug your desired electrical devices (e.g., string lights, holiday decorations, landscape lighting, fans) into the two independent sockets on the receiver unit.
5. **Remote Ready:** The remote transmitter comes with a pre-installed CR2032 3V battery and is ready for immediate use. No pairing is typically required for initial setup.

5. OPERATING INSTRUCTIONS

The remote control allows for convenient operation of your connected devices from a distance.

Remote Control Functions:

- The remote features buttons to control each socket independently (labeled '1' and '2' for ON/OFF) and an

'ALL' button to control both sockets simultaneously.

- Press the corresponding 'ON' button to turn on a specific socket or both.
- Press the corresponding 'OFF' button to turn off a specific socket or both.

INDEPENDENT CONTROL

Independently control 2 devices by 1 remote, and do not affect each other, the NO 3 button is ALL ON/OFF remote control.



Image: Illustrates independent control of two devices using a single remote.

Operating Range:

The strong RF signal allows for operation up to 100 feet in open areas, even through walls and doors. This eliminates the need to go outside in bad weather or dark environments to manually operate your devices.

100 FT RANGE

Strong RF signal works through walls/doors/windows
Avoid going out to unplug the plug in bad weather or dark environment



Image: Demonstrates the 100-foot range of the remote control, allowing operation from inside a building.

Non-Interference Technology:

The system uses variable learning codes, allowing multiple DEWENWILS outlet groups to be used in your home without interference. This ensures your devices operate smoothly without affecting neighboring systems.



SINGLE BUTTON REMOTE

No setup required. Just plug into
the outlet and use the remote.

Image: Simple operation with a single remote button, no complex setup required.

6. MAINTENANCE

To ensure the longevity and optimal performance of your DEWENWILS Outdoor Wireless Remote Control Outlet, follow these maintenance guidelines:

- **Cleaning:** Wipe the exterior of the receiver unit and remote with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Weather Protection:** While the unit is weatherproof, avoid prolonged exposure to extreme weather conditions such as heavy snow, ice, or direct, continuous water spray. Ensure the unit is installed vertically as recommended.

- **Remote Battery Replacement:** The remote transmitter uses a CR2032 3V battery. If the remote's range decreases or it stops responding, replace the battery. To replace, open the battery compartment on the back of the remote, remove the old battery, and insert a new CR2032 battery with the positive (+) side facing upwards.
- **Storage:** If storing the unit for an extended period, disconnect it from power and store it in a cool, dry place away from direct sunlight.

7. TROUBLESHOOTING

If you encounter issues with your DEWENWILS Outdoor Wireless Remote Control Outlet, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Device does not turn ON/OFF with remote.	Remote battery is low or dead.	Replace the CR2032 3V battery in the remote.
	Receiver unit is not powered.	Ensure the receiver unit is securely plugged into a live electrical outlet. Check the power source.
	Device plugged into the receiver is not working.	Ensure the device itself is functional by plugging it directly into a standard wall outlet.
Limited remote range.	Obstructions (walls, large objects) or interference.	Try operating the remote closer to the receiver unit. Minimize physical obstructions between the remote and receiver.
	Low remote battery.	Replace the CR2032 3V battery.
Interference with other remote devices.	Rare, due to variable learning codes.	If suspected, try repositioning units or contacting DEWENWILS support for advanced pairing options if available.

8. SPECIFICATIONS

Specification	Value
Model Number	OR 102.HRFR02C
Product Dimensions	2.6 x 1 x 4 inches
Item Weight	7.76 ounces
Current Rating	15 Amps
Operating Voltage	125 Volts (AC)
Max Load	1875W Resistive, 1000W Tungsten, 1/2HP
Remote Range	Up to 100 ft (open area)
Remote Battery	1 x CR2032 3V (included)

Specification	Value
Cord Type	7-inch SJTW 14/3C heavy gauge
Certifications	ETL and FCC certified

9. WARRANTY AND SUPPORT

For specific warranty information and customer support, please refer to the documentation included with your product or visit the official DEWENWILS website. DEWENWILS is committed to providing high-quality products and customer satisfaction.

If you have any questions or require assistance, please contact DEWENWILS customer service through their official channels.