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DEWENWILS RC-042/TR-031-6

DEWENWILS Outdoor Wireless Remote Control Outlet Kit

Model: RC-042/TR-031-6

Introduction

The DEWENWILS Outdoor Wireless Remote Control Outlet Kit provides a convenient solution for controlling outdoor and indoor electrical appliances. This kit includes three waterproof receiver outlets and one remote control, allowing for independent operation of connected devices from a distance. Designed for ease of use and durability, it is suitable for various applications such as lighting, fans, and pumps.



Image: The DEWENWILS Outdoor Wireless Remote Control Outlet Kit, showing the remote and three receiver plugs.

Safety Instructions

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Electrical Rating:** Do not exceed the maximum load capacity of 13A/1625W for each receiver.
- **Grounding:** Ensure all connected devices are properly grounded. The receiver outlets feature a 3-prong grounded plug.
- **Outdoor Use:** When used outdoors, the outlet must be mounted in a vertical position with the outlet facing downward and at least 2 feet above ground level to prevent water ingress.
- **Water Exposure:** While weatherproof, avoid submerging the units in water. Ensure the protective covers are securely closed when not in use.
- **Cord Integrity:** Regularly inspect the power cords for any damage. Do not use if the cord is frayed or damaged.
- **Children and Pets:** Keep the product out of reach of children and pets.
- **Disassembly:** Do not attempt to disassemble or modify the product. Refer all servicing to qualified personnel.



Image: Illustration of proper vertical mounting for the waterproof outdoor outlet, with the outlet facing downwards and positioned above ground level.

Package Contents

- 3 x Wireless Remote Control Receiver Outlets
- 1 x Remote Control Transmitter
- 1 x CR2032 Battery (pre-installed in remote)

Product Features

- **Independent Control:** Each of the three receiver outlets can be controlled separately by the single remote.
- **Weatherproof Design:** Features a watertight construction with a durable PPO shell and a 6-inch SJTW 16/3C heavy gauge thick 3-prong grounded extension cord. This design resists abrasion, moisture, cold, and exposure to sunlight, making it suitable for various outdoor conditions.
- **Extended RF Range:** The strong RF signal allows operation through walls and doors without interference, offering a range of up to 100 feet in open areas. Line of sight between the remote and receiver is not required.
- **Versatile Application:** Ideal for controlling indoor and outdoor lighting fixtures, patio string lights, decorative lighting, floor lamps, fans, and pool fountain pumps.
- **Manual and Remote Operation:** Each receiver outlet includes an individual ON/OFF button for manual control, in

addition to remote operation.

- **UL Certified:** Ensures compliance with safety standards.



Image: A DEWENWILS outdoor outlet demonstrating its water-resistant, sun-resistant, wind-resistant, and cold-resistant properties.



Image: A hand holding the remote control, operating outdoor string lights visible through a window, illustrating the 100-foot RF signal range that works through obstacles.

Setup

The DEWENWILS Remote Control Outlet Kit is designed for tool-free, plug-and-play installation. No programming is required as the remote and receivers are pre-paired.

1. **Unpack:** Carefully remove all components from the packaging.

2. **Battery Activation:** The CR2032 battery is pre-installed in the remote control. Remove any plastic pull-tab to activate the battery if present.
3. **Receiver Placement:** For outdoor use, select a suitable location for each receiver outlet. Ensure the location allows for vertical mounting with the outlet facing downward and is at least 2 feet above ground level to maintain weatherproof integrity.
4. **Plug In Receiver:** Plug each receiver outlet into a standard 125V AC grounded wall receptacle.
5. **Connect Appliance:** Plug the appliance or lighting fixture you wish to control into the receiver outlet. Ensure the appliance's power switch is in the 'ON' position if it has one.
6. **Test Operation:** Use the remote control to test the connection. Press the corresponding number button (1, 2, or 3) followed by 'ON' or 'OFF' to control the connected appliance.



Image: A DEWENWILS outdoor outlet plugged into an exterior wall socket, with a hand holding the remote control, illustrating the simple plug-and-play setup.

Operating Instructions

The DEWENWILS Remote Control Outlet Kit offers both remote and manual control options.

Remote Control Operation

The remote control allows you to switch each receiver outlet ON or OFF independently.

- **Identify Buttons:** The remote has an 'ON' button, an 'OFF' button, and three numbered buttons (1, 2, 3) corresponding to the three receiver outlets.
- **Turn ON:** To turn on an appliance connected to receiver 1, press button '1' then the 'ON' button. Repeat for receivers 2 and 3 using their respective numbered buttons.
- **Turn OFF:** To turn off an appliance connected to receiver 1, press button '1' then the 'OFF' button. Repeat for receivers 2 and 3.

Manual Control Operation

Each receiver outlet has a manual ON/OFF button for direct control.

- **Press Button:** Locate the white button on the front of each receiver outlet.
- **Toggle Power:** Press the button once to toggle the power state (ON/OFF) of the connected appliance. The red indicator light will illuminate when the outlet is ON.



Image: A split image showing a finger pressing the manual control button on an outlet and a hand using the remote control to operate outdoor lights, demonstrating both control methods.

Maintenance

Proper maintenance ensures the longevity and safe operation of your DEWENWILS Remote Control Outlet Kit.

- **Cleaning:** Disconnect the receiver outlets from power before cleaning. Wipe the units with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

- **Inspection:** Periodically inspect the receiver outlets and power cords for any signs of wear, damage, or corrosion, especially after prolonged outdoor exposure.
- **Storage:** If storing the kit for an extended period, especially during off-season, disconnect all units, clean them, and store them in a cool, dry place away from direct sunlight. Consider removing the battery from the remote if storing for very long periods to prevent leakage.
- **Battery Replacement:** If the remote control's range decreases or it becomes unresponsive, replace the CR2032 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 up.

Troubleshooting

If you encounter issues with your DEWENWILS Remote Control Outlet Kit, refer to the following common solutions:

- **Appliance Not Turning ON/OFF:**
  - Ensure the receiver outlet is securely plugged into a live power source.
  - Verify the appliance connected to the receiver is properly plugged in and its own power switch is in the 'ON' position.
  - Check the remote control battery. Replace if necessary.
  - Ensure you are pressing the correct numbered button on the remote for the desired receiver.
  - Try operating the receiver using its manual ON/OFF button to determine if the issue is with the receiver or the remote.
- **Reduced Remote Range:**
  - Replace the remote control battery.
  - Ensure there are no major obstructions (e.g., thick concrete walls, large metal objects) between the remote and the receiver that could interfere with the RF signal.
  - Move closer to the receiver.
- **Indicator Light Not Illuminating:**
  - Confirm the receiver is receiving power from the wall outlet.
  - If the receiver is ON but the light is off, the indicator light may be faulty, but the unit should still function.
- **Water Ingress/Damage:**
  - Immediately disconnect power.
  - Ensure proper vertical mounting with the outlet facing downward and at least 2 feet above ground level.
  - If water has entered the unit, discontinue use and replace.

Specifications

Specification	Detail
Model Number	RC-042/TR-031-6
Electrical Rating	13A / 1625W
Tungsten Rating	1000W
Motor Rating	1/2 HP

Specification	Detail
Voltage	125 Volts AC
RF Frequency	433.92 MHz
Remote Range	Up to 100 feet (open area)
Cord Length	6 inches (SJTW 16/3C)
Material	PBT
Product Dimensions (each receiver)	7.01"D x 2.99"W x 6.5"H
Item Weight	1.28 pounds (total for kit)
Certifications	UL Listed
Remote Battery Type	1 x CR2032 (included)



Image: A diagram illustrating the dimensions of the remote control and a single receiver outlet.

Warranty and Support

DEWENWILS products are designed for reliability and performance. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official DEWENWILS website. Please retain your proof of purchase for warranty claims.

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