DEWENWILS 15A/1875W High Power

DEWENWILS Wireless Light Switch and Receiver Kit

Model: 15A/1875W High Power

Introduction

Thank you for choosing the DEWENWILS Wireless Light Switch and Receiver Kit. This kit provides a convenient and flexible solution for controlling lighting or other electrical appliances wirelessly, eliminating the need for complex wiring. Please read this manual thoroughly before installation and operation to ensure proper use and safety.

Safety Information

- Always disconnect power at the circuit breaker before installing or servicing the receiver.
- Installation should be performed by a qualified electrician if you are unsure about electrical wiring.
- Do not exceed the maximum load rating of 15A/1875W.
- Ensure all connections are secure and properly insulated.
- This device is intended for indoor use only. Avoid exposure to moisture or extreme temperatures.
- Keep out of reach of children.

Package Contents

- 1 x Wireless Light Switch (Transmitter)
- 1 x Receiver Module
- Mounting Hardware (screws, adhesive tape)
- User Manual

Product Overview

The DEWENWILS Wireless Light Switch system consists of two main components:

Wireless Switch (Transmitter)

This is the battery-free, kinetic energy powered switch that sends wireless signals to the receiver. It can be mounted

anywhere or used as a portable remote.

Receiver Module

This module connects to your light fixture or appliance and receives signals from the wireless switch to turn the connected device on or off. It is designed to be compact for easy installation within junction boxes or fixture canopies.



Figure 1: Placeholder image indicating no product image is available. This would typically show the wireless switch and receiver module.

Setup and Installation

Receiver Wiring

1. **Turn off power:** Locate the circuit breaker controlling the light fixture or appliance you wish to control and turn off the power. Verify power is off using a voltage tester.
2. **Connect the receiver:**
    - Connect the **Live (L)** wire from your power source to the receiver's input Live terminal.
    - Connect the **Neutral (N)** wire from your power source to the receiver's input Neutral terminal.
    - Connect the **Load (L')** wire leading to your light fixture/appliance to the receiver's output Load terminal.
    - Connect the **Neutral (N)** wire leading to your light fixture/appliance to the receiver's output Neutral terminal.

    Ensure all connections are tight and secure. Refer to the wiring diagram provided with your product for specific terminal markings.
3. **Mount the receiver:** Place the receiver module inside the junction box or fixture canopy, ensuring it does not interfere with other components.
4. **Restore power:** Turn the power back on at the circuit breaker.

Pairing the Wireless Switch with the Receiver

The switch and receiver are typically pre-paired from the factory. If re-pairing is needed or you are adding additional switches:

1. Ensure the receiver is powered on.
2. Press and hold the pairing button on the receiver (refer to the receiver for button location, usually a small black button) for approximately 3 seconds until the indicator light starts flashing.
3. Within 10 seconds, press the wireless switch button you wish to pair. The receiver's indicator light will stop flashing, indicating successful pairing.
4. Test the switch to ensure it controls the connected device.

Mounting the Wireless Switch

The wireless switch can be mounted using the included screws or double-sided adhesive tape. Choose a clean, flat surface for mounting.

Operating Instructions

Once installed and paired, operating the DEWENWILS Wireless Light Switch is straightforward:

- **Turning On/Off:** Press the wireless switch button to toggle the connected light or appliance on or off.

- **Range:** The wireless switch operates within a typical range of up to 100 feet indoors (walls and obstacles may reduce range) and up to 1000 feet outdoors (line of sight).
- **Battery-Free Operation:** The switch generates its own power from the kinetic energy of your press, so no batteries are ever needed.

Maintenance

- **Cleaning:** Wipe the wireless switch and receiver with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **No Battery Replacement:** The wireless switch is battery-free and requires no battery maintenance.
- **Receiver Longevity:** The receiver module is designed for long-term, maintenance-free operation once installed correctly.

Troubleshooting

Problem	Possible Cause	Solution
Light/Appliance does not turn on/off.	No power to receiver; Receiver not paired; Switch out of range; Wiring error.	Check circuit breaker; Re-pair switch and receiver; Move switch closer to receiver; Verify wiring connections.
Receiver indicator light not on.	No power to receiver.	Check power supply and wiring to the receiver.
Switch feels stiff or unresponsive.	Debris under button; Mechanical issue.	Ensure no foreign objects are obstructing the button. If issue persists, contact support.

Specifications

- **Model:** Wireless Light Switch and Receiver Kit
- **Input Voltage:** 100-250V AC, 50/60Hz
- **Max Load:** 15A / 1875W (Resistive)
- **Wireless Frequency:** 433MHz
- **Indoor Range:** Up to 100 ft (30m)
- **Outdoor Range:** Up to 1000 ft (300m) (Line of Sight)
- **Operating Temperature:** -4°F to 140°F (-20°C to 60°C)
- **Switch Type:** Kinetic Self-Powered (Battery-Free)

Warranty and Support

DEWENWILS products are designed and manufactured to the highest quality standards. This product comes with a standard manufacturer's warranty. For detailed warranty information, technical support, or assistance with installation and troubleshooting, please visit the official DEWENWILS website or contact our customer service team.
Website: www.dewenwils.com
Email: support@dewenwils.com

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question