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DEWENWILS B0DP4H7XPQ

DEWENWILS Wireless Light Switch and Receiver Kit

User Instruction Manual

Introduction

Thank you for choosing the DEWENWILS Wireless Light Switch and Receiver Kit. This kit provides a convenient and flexible solution for controlling your lighting fixtures and appliances without the need for complex in-wall wiring. With its high power capacity, long range, and expandable design, it offers enhanced control and versatility for your home or office.

Safety Information

- Always disconnect power at the circuit breaker before installing or servicing the receiver.
- Ensure all wiring connections are secure and comply with local electrical codes.
- Do not exceed the maximum load rating of 15A/1800W.
- This product is designed for indoor use only.
- Keep the device away from water and high humidity environments.
- If you are unsure about any part of the installation, consult a qualified electrician.

Product Overview and Components

The DEWENWILS Wireless Light Switch and Receiver Kit typically includes the following components:

- **Wireless Switch (Transmitter):** A portable or wall-mountable switch with ON/OFF buttons.
- **Receiver:** A compact module that connects to your lighting fixture or appliance.



Image: The wireless switch (transmitter) with a keychain and the compact receiver module with wiring leads.

The receiver is designed with a compact size, making it suitable for installation in various limited spaces such as electrical junction boxes, rose/canopy, or switch boxes.



Image: Diagram showing the compact dimensions of the receiver (2.2 inches x 1.18 inches x 1.1 inches) and its compatibility with rose/canopy, junction box, and switch box installations. Also includes a wiring diagram.

Setup and Installation

The DEWENWILS Wireless Light Switch Kit is designed for easy installation without the need for in-wall wiring, offering a flexible alternative to traditional switches.

1. Receiver Installation (No In-Wall Wiring Required)

The receiver connects directly between your power source and the lighting fixture. This eliminates the need to run new wires through walls.

1. **Turn off power:** Before any installation, ensure the power to the circuit is turned off at the main circuit breaker.
2. **Connect the receiver:**
    - Connect the **Black wire (Input L)** from the receiver to the **Line/Hot wire** from your power source.
    - Connect the **White wire (Input N)** from the receiver to the **Neutral wire** from your power source.
    - Connect the **Red wire (Output L)** from the receiver to the **Load wire** of your lighting fixture.
    - Connect the **White wire (Output N)** from the receiver to the **Neutral wire** of your lighting fixture.
    - Ensure the **Ground wire** from your power source is properly connected to the fixture's ground.
3. **Secure the receiver:** Place the compact receiver inside the electrical box (junction box, canopy, or switch box) where the fixture is installed.
4. **Restore power:** Once all connections are secure and the receiver is safely housed, restore power at the circuit breaker.



Image: Illustrates the difference between a traditional wired switch setup and the DEWENWILS wireless switch, highlighting that no in-wall wiring is required for the switch itself.

2. Wireless Switch (Transmitter) Placement

The wireless switch can be placed or mounted anywhere you desire, offering ultimate flexibility.

- Use the included adhesive tape or screws to mount the switch to a wall, cabinet, or any flat surface.
- Keep it portable for use as a remote control.

Operating Instructions

Basic Operation

- Press the **"ON"** button on the wireless switch to turn on the connected light or appliance.
- Press the **"OFF"** button on the wireless switch to turn off the connected light or appliance.

Wireless Range

The DEWENWILS Wireless Light Switch operates using a strong RF (Radio Frequency) signal, allowing it to work through walls and doors without interference. It achieves an impressive control range of up to 100 feet in open spaces, providing reliable control throughout your home.

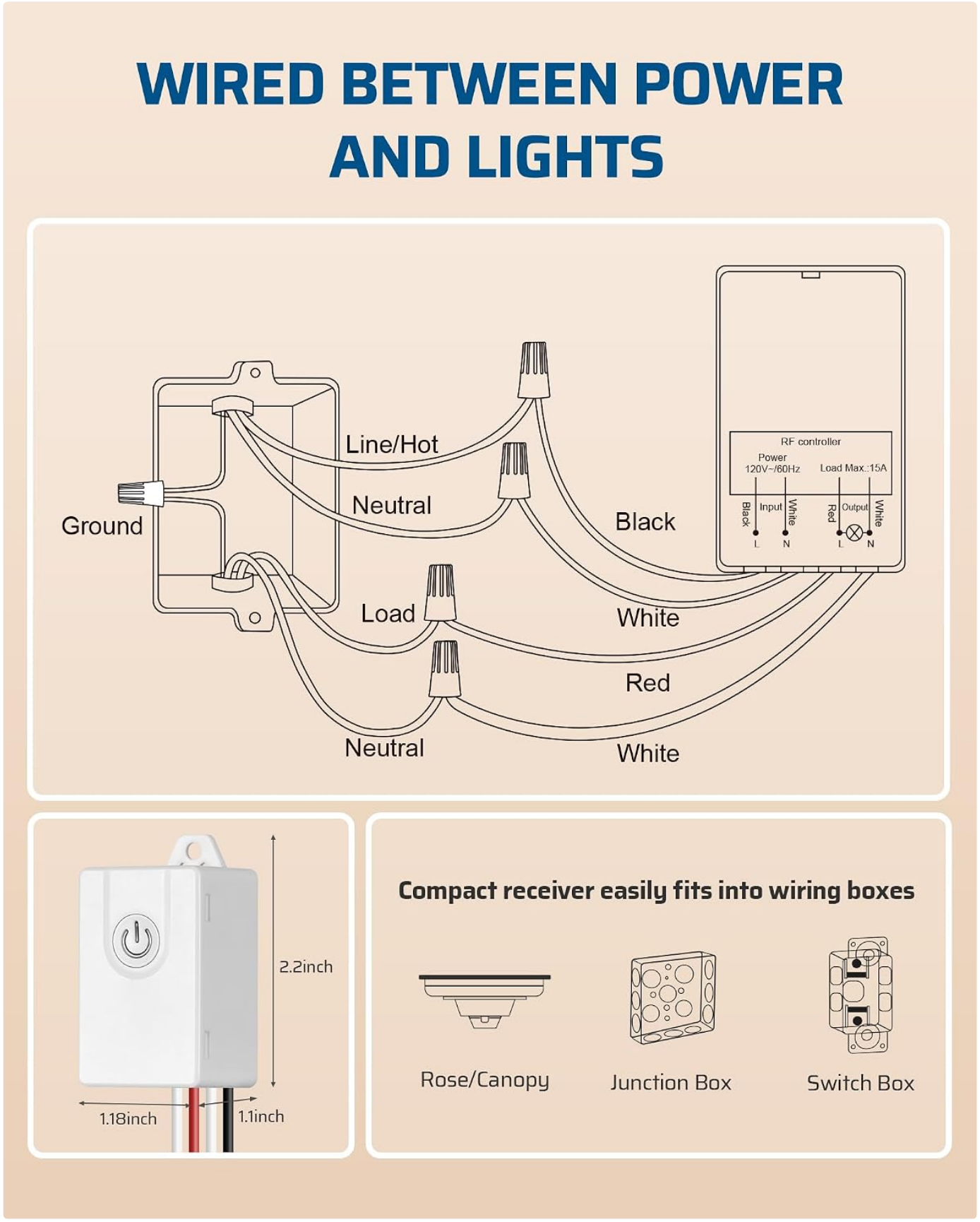


Image: A floor plan diagram showing the effective 100-foot RF signal range of the wireless switch, capable of penetrating walls and controlling devices across multiple rooms.

Programmable and Expandable Features

The DEWENWILS Wireless Light Switch Kit is highly programmable and expandable, allowing for customized control setups:

- **Multiple Switches Control One Lamp:** You can pair several wireless switches to a single receiver, enabling control

of one light from multiple locations (e.g., 3-way or 4-way switch setups).

- **One Switch Control Multiple Lamps:** A single wireless switch can be paired with multiple receivers, allowing you to control several lights or appliances simultaneously with one press.

Refer to the specific pairing instructions included with your product packaging for detailed steps on how to add or remove transmitters/receivers.



Image: Three diagrams showing different configurations: multiple switches controlling one lamp, one switch controlling one lamp, and one switch controlling multiple lamps, demonstrating the system's flexibility.

Maintenance

- **Cleaning:** Wipe the surface of the wireless switch with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement (for wireless switch):** If the switch's indicator light does not illuminate or its range decreases significantly, the battery may need replacement. Refer to the specific instructions for your switch model for battery type and replacement procedure.
- **Receiver:** The receiver is maintenance-free once installed. Ensure it remains in a dry, protected environment.

Troubleshooting

Common Issues and Solutions

Problem	Possible Cause	Solution
Light/Appliance does not respond to switch.	◦ No power to receiver. ◦ Receiver not properly wired. ◦ Switch and receiver not paired. ◦ Switch battery is low or dead. ◦ Receiver overloaded.	◦ Check circuit breaker and power connections. ◦ Verify wiring connections according to the diagram. ◦ Follow pairing instructions to re-pair the switch and receiver. ◦ Replace the battery in the wireless switch. ◦ Ensure the connected load does not exceed 15A/1800W.
Reduced wireless range or intermittent control.	◦ Excessive interference from other devices. ◦ Physical obstructions (thick walls, metal objects). ◦ Switch battery is low.	◦ Relocate the switch or receiver if possible. ◦ Ensure the switch is within the 100ft range. ◦ Replace the battery in the wireless switch.
Switch buttons feel unresponsive.	◦ Battery issue. ◦ Physical damage to the switch.	◦ Replace the battery. ◦ Contact customer support if damaged.

Specifications

Feature	Detail
Model	Wireless Light Switch and Receiver Kit (B0DP4H7XPQ)
Brand	DEWENWILS

Feature	Detail
Max Load	15A / 1800W
Voltage	120V~60Hz
Load Compatibility	1200W Tungsten / 800W Fluorescent / 600W LED
Wireless Range	Up to 100 feet (open space)
Operation Mode	Manual
Contact Type	Normally Open
Terminal Type	Screw
Circuit Type	Multi-way
Actuator Type	Push Button
Contact Material	Copper
Certifications	FCC
Receiver Dimensions (approx.)	2.2 inches x 1.18 inches x 1.1 inches



Image: Examples of common household applications for the 15A high current wireless switch, including ceiling fans, wall sconces, pendant lights, and recessed lighting.

Warranty Information

DEWENWILS products are designed for reliability and performance. For specific warranty details, please refer to the warranty card included with your product packaging or visit the official DEWENWILS website. Typically, products are covered by a limited warranty against defects in materials and workmanship from the date of purchase.

Customer Support

If you have any questions, require technical assistance, or need to report an issue, please contact DEWENWILS customer support. You can find contact information and frequently asked questions on the official DEWENWILS website:

Visit the DEWENWILS Store on Amazon

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