DEWENWILS B0DQ531QTY

DEWENWILS Wireless Timer Light Switch User Manual

Model: B0DQ531QTY

Introduction

Thank you for choosing the DEWENWILS Wireless Timer Light Switch. This device provides convenient and automated control over your lighting and exhaust fans with multiple countdown timer options. This manual will guide you through the installation, operation, and maintenance of your new timer switch to ensure optimal performance and safety.

Important Safety Information

WARNING: RISK OF ELECTRIC SHOCK. Improper installation can be dangerous or illegal. Always consult a qualified electrician if you are unsure about any part of the installation process.

- Always turn off power at the circuit breaker before installing or servicing the switch.
- This device is designed for indoor use only.
- Do not exceed the maximum load rating of 15A/120V/1800W (1800W incandescent/600W LED).
- A neutral wire is required for the receiver installation.
- Avoid installing in areas with high humidity, extreme heat, or strong magnetic fields.
- Ensure all wire connections are secure and properly insulated.

Package Contents

Please check the package to ensure all components are present:

- 1 x Wireless Timer Light Switch (Wall Plate & Remote Transmitter)
- 1 x Relay Receiver

- Mounting Screws and Wire Nuts
- User Manual (this document)



Image: Overview of the DEWENWILS Wireless Timer Light Switch components.

Product Overview and Features

The DEWENWILS Wireless Timer Light Switch consists of a wall-mounted remote transmitter and a separate relay receiver. The remote transmitter offers convenient control and timer settings, while the receiver handles the actual power switching.

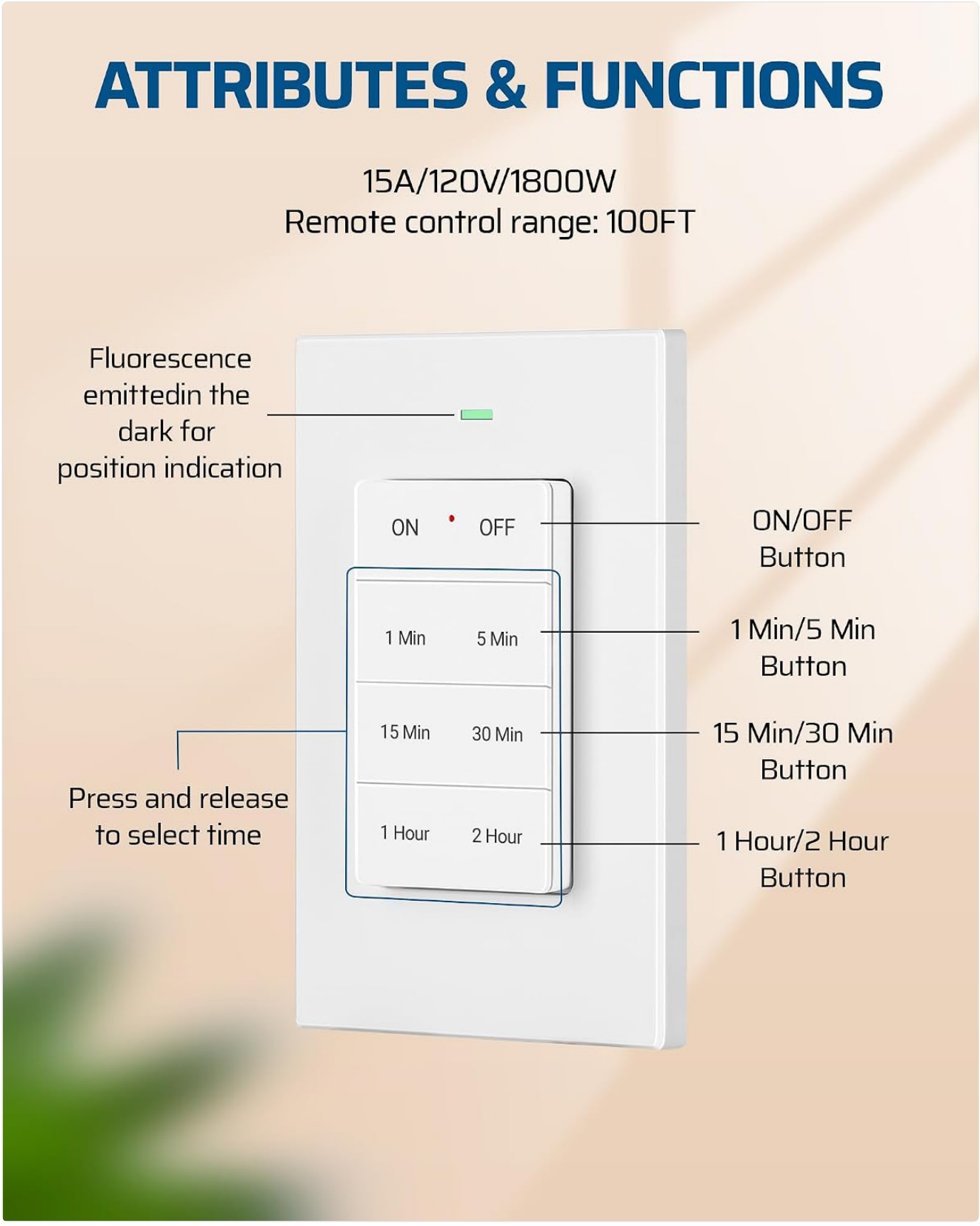


Image: Detailed diagram of the timer switch's buttons and features, including ON/OFF, 1/5 Min, 15/30 Min, and 1/2 Hour buttons, and the glow-in-the-dark indicator.

Key Features:

- **High Power Capacity:** 15A/120V/1800W (1800W incandescent/600W LED).
- **Multiple Countdown Options:** 1 minute, 5 minutes, 15 minutes, 30 minutes, 1 hour, and 2 hours.
- **Easy Installation:** Receiver requires neutral wire; remote requires no in-wall wiring.
- **Wide Control Range:** Wireless signal can pass through walls and doors, up to 100 feet in open areas.
- **Detachable Remote:** Magnetic remote can be placed anywhere and removed for handheld use.

- **Green Night Light:** Faint glow on the transmitter for easy location in the dark.

Setup and Installation

Follow these steps carefully for proper installation. Remember to turn off power at the circuit breaker before beginning.

Step 1: Install the Relay Receiver (Neutral Wire Needed)

The relay receiver must be installed between the power source and the light/appliance you wish to control. A neutral wire is essential for its operation.

1. **Turn off power:** Locate the circuit breaker controlling the light fixture or fan and turn it OFF. Verify power is off using a voltage tester.
2. **Identify Wires:** In your electrical box, identify the Live wire, Load wire, and Neutral wire. A neutral wire is typically white.
3. **Connect the Receiver:**
    - Connect the **Live (L)** wire from your power source to the receiver's**Input L** terminal.
    - Connect the **Neutral (N)** wire from your power source to the receiver's**Input N** terminal.
    - Connect the **Load (L)** wire (going to your light/fan) to the receiver's**Output L** terminal.
    - Connect the **Neutral (N)** wire (going to your light/fan) to the receiver's**Output N** terminal.
4. **Secure Receiver:** Place the receiver inside the electrical box, junction box, or light canopy. Ensure it is securely positioned and wires are not pinched.

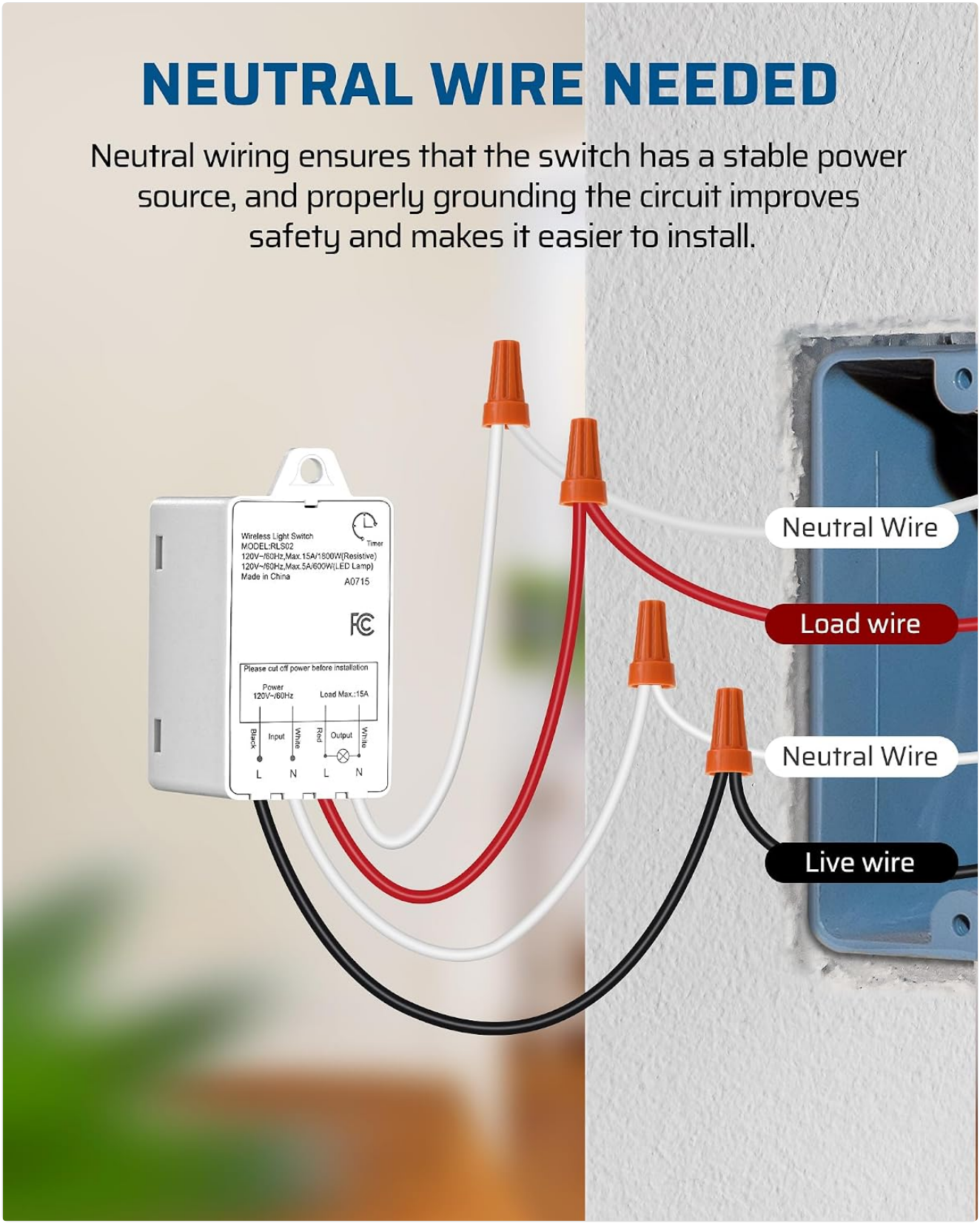


Image: Wiring diagram illustrating the connection of the receiver, highlighting the necessity of a neutral wire.



Image: Dimensions of the switch components and examples of applicable locations for receiver installation, such as light canopy, junction box, and switch box.

Step 2: Mount the Wireless Remote Transmitter (No In-Wall Wiring Required)

The wireless remote transmitter does not require any in-wall wiring, offering flexible placement options.

1. **Choose Location:** Select a convenient location for your wireless remote. It can be mounted on a wall or placed on any magnetic surface.
2. **Mounting:**
    - **Wall Mount:** Use the included screws to attach the mounting plate to the wall. Then, magnetically attach

the remote transmitter to the mounting plate.

- **Magnetic Surface:** The remote has built-in magnets, allowing it to be directly attached to metallic surfaces like refrigerators or metal cabinets.

3. **Battery:** The remote transmitter comes with a pre-installed 3V CR2032 battery.



Image: Demonstration of the wireless remote in use, highlighting that no in-wall wiring is needed for its installation.

Step 3: Restore Power and Test

Once both the receiver and remote are installed, restore power at the circuit breaker and test the functionality.

1. Turn the circuit breaker back ON.
2. Press the "ON" button on the wireless remote. The connected light/fan should turn on.
3. Press the "OFF" button. The connected light/fan should turn off.
4. Test the timer functions by pressing any of the countdown buttons (e.g., "1 Min"). The light/fan should turn off after the selected time.

Operating Instructions

The DEWENWILS Wireless Timer Light Switch is designed for simple operation.

- **Turning ON/OFF:**
  - Press the **ON** button to turn on the connected device.
  - Press the **OFF** button to turn off the connected device.
- **Setting Countdown Timer:**
  To activate a countdown timer, simply press the desired time button. The connected device will remain ON for the selected duration and then automatically turn OFF.
  - Press **1 Min** for 1-minute countdown.
  - Press **5 Min** for 5-minute countdown.
  - Press **15 Min** for 15-minute countdown.
  - Press **30 Min** for 30-minute countdown.
  - Press **1 Hour** for 1-hour countdown.
  - Press **2 Hour** for 2-hour countdown.

  To cancel an active countdown, press the **OFF** button.
- **Green Night Light:** The small green indicator light on the top of the remote transmitter glows faintly in the dark, making it easy to locate the switch. This light is designed not to disturb sleep.



Image: Examples of versatile applications for the timer switch, such as controlling bathroom exhaust fans, bedroom lights, porch lights, and garage lights.

Maintenance

- **Cleaning:** Wipe the switch and remote with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** The remote transmitter uses a 3V CR2032 battery. If the remote's signal weakens or the indicator light does not illuminate, replace the battery. To replace, gently pry open the battery compartment on the back of the remote.
- **Environmental Conditions:** Ensure the device is not exposed to excessive moisture, dust, or extreme

temperatures.

Troubleshooting

Problem	Possible Cause	Solution
Light/Fan does not turn ON/OFF.	◦ No power to the receiver. ◦ Incorrect wiring of the receiver. ◦ Remote battery is dead. ◦ Receiver is overloaded.	◦ Check circuit breaker. ◦ Verify wiring according to the "Setup and Installation" section. Ensure neutral wire is connected. ◦ Replace CR2032 battery in the remote. ◦ Ensure connected load does not exceed 1800W incandescent or 600W LED.
Remote signal range is poor.	◦ Obstructions (thick walls, metal objects). ◦ Interference from other RF devices. ◦ Low remote battery.	◦ Try repositioning the remote or receiver. ◦ Move away from other strong RF sources. ◦ Replace CR2032 battery.
Timer function is not accurate.	◦ Internal clock deviation (rare).	◦ If issues persist, contact customer support.

Specifications

- **Model:** B0DQ531QTY
- **Power:** 120V AC, 60Hz
- **Max Load:** 15A / 1800W (Incandescent), 600W (LED)
- **Wireless Frequency:** RF (Radio Frequency)
- **Wireless Range:** Up to 100 feet (open area)
- **Timer Settings:** 1 min, 5 mins, 15 mins, 30 mins, 1 hour, 2 hours
- **Receiver Wiring:** Requires Neutral Wire
- **Remote Battery:** 1 x CR2032 (included)

Warranty and Support

DEWENWILS products are designed for reliability and performance. For warranty information or technical support, please contact DEWENWILS customer service. You can often find support contact details on the product packaging or the official DEWENWILS website.
For more information, visit the DEWENWILS Store on Amazon.

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