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› QOFOWIN Wireless Remote Control Switch (Model: 110V-240V/30A relay/328ft) Instruction Manual

QOFOWIN 110V-240V/30A relay/328ft

QOFOWIN Wireless Remote Control Switch Instruction Manual

Model: 110V-240V/30A relay/328ft

1. INTRODUCTION

This manual provides detailed instructions for the QOFOWIN Wireless Remote Control Switch, designed for controlling various electrical appliances. This device features a 30A relay, supporting a wide voltage range from 90V to 264V, and offers a wireless control range of up to 328 feet (100 meters) in open areas. It is suitable for applications such as lighting, pumps, dust collectors, and motors.

2. PRODUCT OVERVIEW

The QOFOWIN Wireless Remote Control Switch system includes a receiver unit and two remote control key fobs. The receiver unit is compact and designed for easy integration into existing electrical setups.



Image: The QOFOWIN Wireless Remote Control Switch receiver unit with two accompanying remote key fobs.

The receiver unit features an antenna for signal reception, input/output terminals for wiring, and a pairing button with an LED indicator. The remote key fobs are equipped with 'ON' and 'OFF' buttons for simple operation.

Product show



Image: Detailed view of the receiver's wiring terminals, internal circuitry, and the remote control units.



Image: Dimensions of the receiver unit (2.56 x 1.77 x 0.08 inches) and the remote key fob (2.4 x 1.1 inches).

3. SPECIFICATIONS

Feature	Specification
Brand	QOFOWIN
Model Number	110V-240V/30A relay/328ft (PC-3250)
Input Voltage	90V-264V AC
Output Current	30A (Max)
Wattage	3000 watts (Theoretical)
Working Frequency	433MHz

Feature	Specification
Remote Range	Up to 328ft (100m) in open field
Connectivity Technology	Radio Frequency
Max Number of Supported Devices	32
Receiver Dimensions	2.56 x 1.77 x 0.08 inches
Item Weight	3.17 ounces
Special Feature	No Programming Required (for initial setup)
Compatible Devices	Industrial Lights, Motors, Wireless Controllers, Wireless Door Alarms, Wireless Security Alarms

4. SETUP AND INSTALLATION

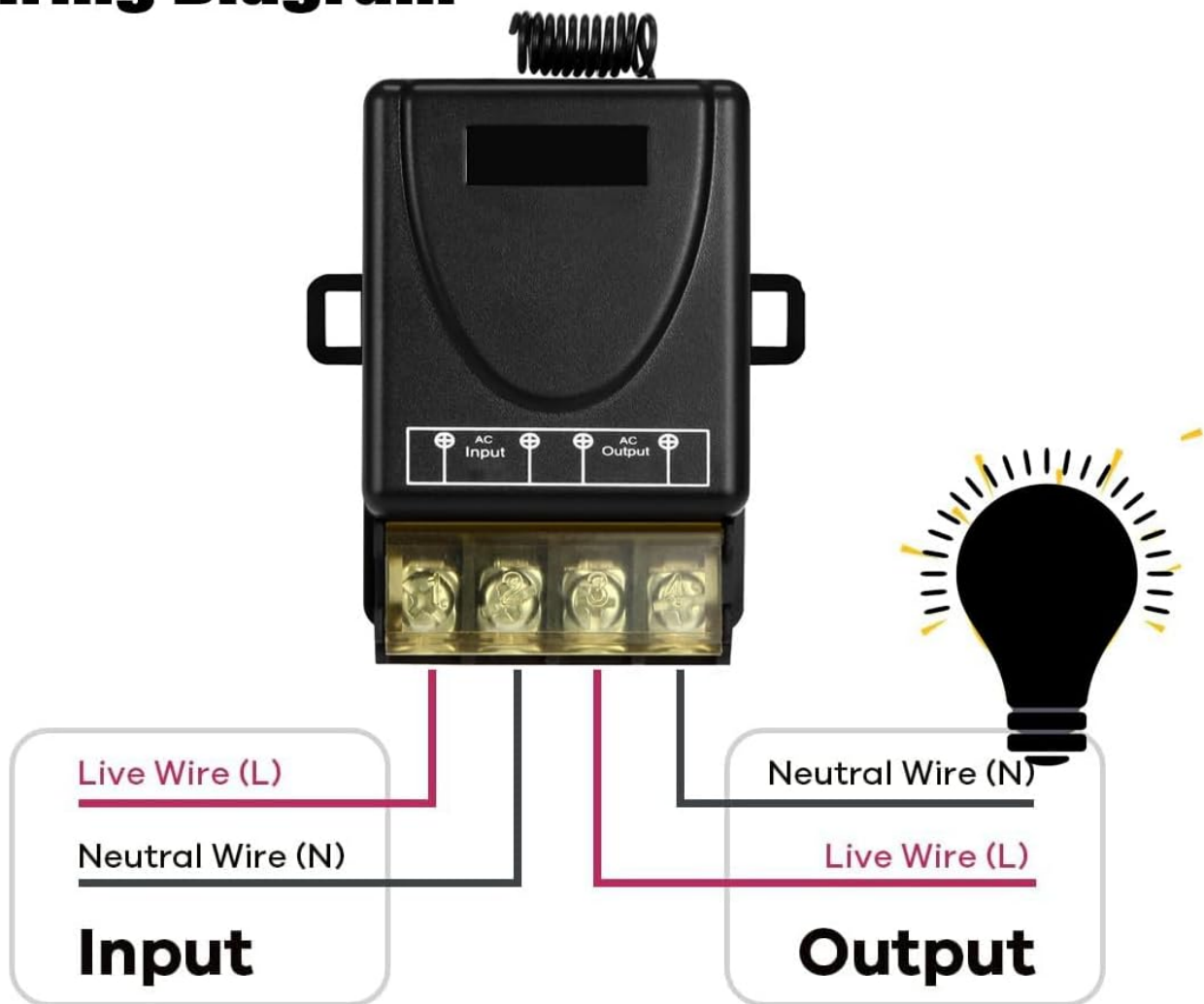
Safety Warning: Always disconnect the power supply to electrical appliances before installation to prevent electric shock.

The QOFOWIN Wireless Remote Control Switch is designed for straightforward installation. It requires basic electrical wiring knowledge.

4.1 Wiring Instructions

The receiver unit has clearly marked input and output terminals for Line (L) and Neutral (N) wires. Ensure correct polarity during connection.

Wiring Diagram



Please check L and N to
make sure the wiring is correct

Image: Basic wiring diagram showing input (Live Wire L, Neutral Wire N) and output (Live Wire L, Neutral Wire N) connections to a light bulb. Verify L and N connections are correct.

For loads exceeding 2500W (up to the theoretical maximum of 3000W), it is recommended to use an external AC contactor to manage the higher current, protecting the switch and ensuring long-term stability.

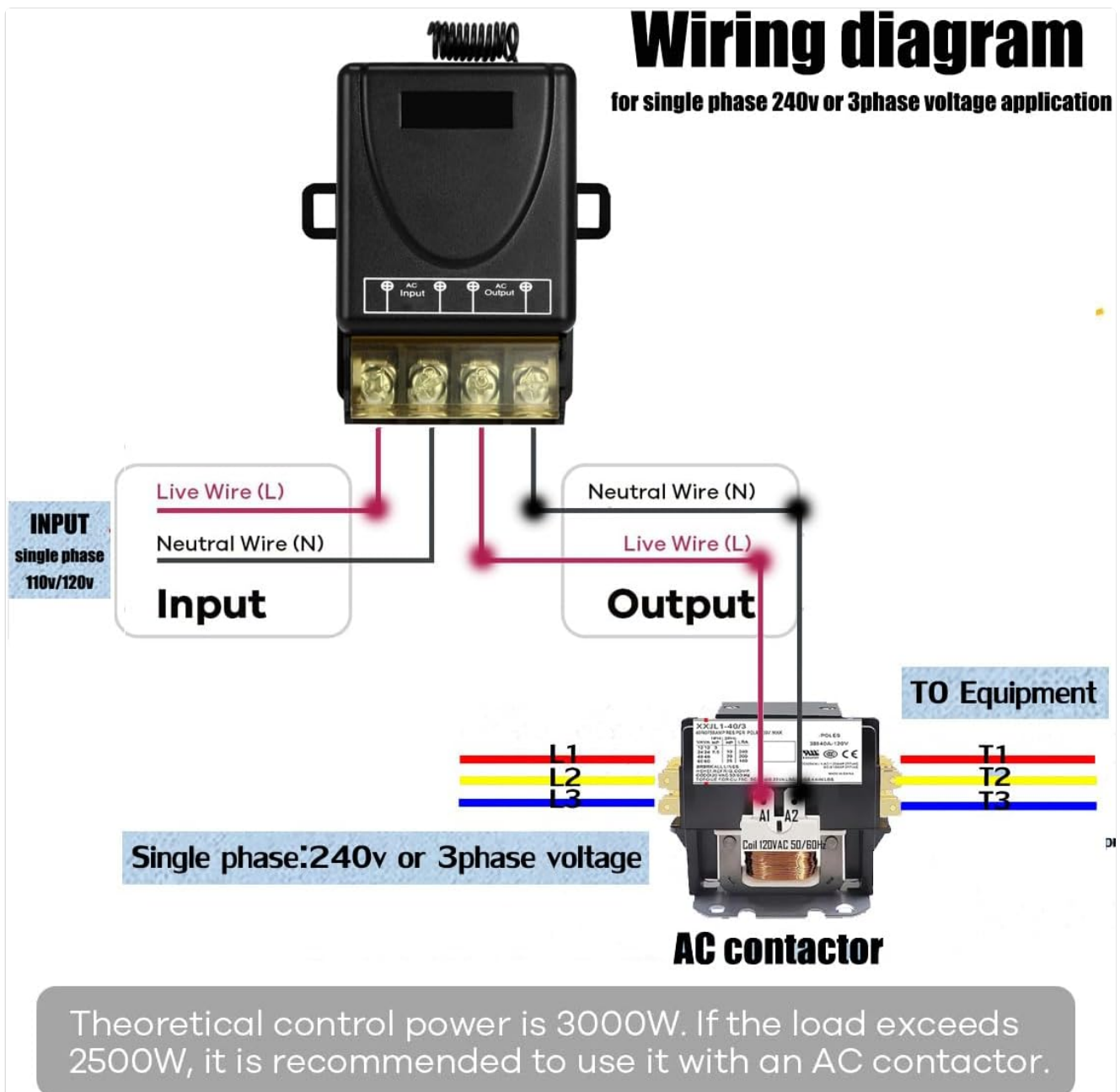


Image: Advanced wiring diagram illustrating connection with an AC contactor for single-phase 240V or 3-phase voltage applications. This setup is recommended for loads exceeding 2500W.

4.2 Mounting

The receiver unit includes mounting tabs on its sides for secure installation. Alternatively, for applications where direct mounting is not feasible, the smooth back surface allows for attachment using strong double-sided adhesive tape.

4.3 Pairing a New Remote Controller

To pair a new remote controller with the receiver unit:

1. Ensure the receiver unit is powered on.
2. Press the pairing button on the side of the receiver unit three times. The LED indicator light will turn green.
3. While the LED is green, press the 'ON' button on the new remote controller. The LED will blink three times, indicating successful pairing.
4. Press the 'OFF' button on the new remote controller. The LED will blink three times, confirming the pairing is complete.



Image: The two remote control key fobs included with the switch, each featuring 'ON' and 'OFF' buttons.

4.4 Clearing Memory

To clear all paired remote controllers from the receiver's memory, press and hold the pairing button on the receiver unit for approximately eight seconds until the LED indicator blinks rapidly. This will erase all previously paired remotes, allowing you to pair new ones.

5. OPERATING INSTRUCTIONS

Once the receiver unit is correctly installed and paired with a remote controller, operation is simple:

- Press the 'ON' button on the remote controller to activate the connected appliance.
- Press the 'OFF' button on the remote controller to deactivate the connected appliance.

The remote control utilizes RF technology, allowing for control through walls, floors, and doors within its effective range, without mutual interference.



Image: Various applications of the wireless remote control switch, demonstrating its use for pumps, garage doors, and irrigation systems, emphasizing its long-range capability.

6. MAINTENANCE

The QOFOWIN Wireless Remote Control Switch is designed for durability and requires minimal maintenance. Keep the unit clean and free from dust and moisture. Periodically check wiring connections to ensure they remain secure. The remote control key fobs are powered by internal batteries; no user maintenance is required for the receiver unit itself beyond ensuring proper installation.

7. TROUBLESHOOTING

- **Device Not Responding:** Ensure the receiver unit is powered on and the remote controller batteries are functional. Re-attempt the pairing process as described in Section 4.3.
- **Limited Range:** The specified range of 328ft (100m) is for open areas. Obstacles such as walls, buildings, or sources of signal interference can reduce the effective range. Try repositioning the receiver or operating the remote from a different location.
- **Intermittent Operation:** Check all wiring connections for looseness or corrosion. Ensure the load connected does not exceed the 30A relay's capacity. For high-power devices, verify that an AC contactor is used if the load exceeds 2500W.
- **Remote Buttons Malfunctioning:** If only one button (ON or OFF) works, it may indicate a pairing issue. Clear the memory (Section 4.4) and re-pair the remote.
- **Physical Damage:** The housing of the receiver unit is made of plastic. Exercise caution during installation to avoid cracking or breaking the mounting tabs or casing.

8. WARRANTY AND SUPPORT

For product support, technical assistance, or warranty inquiries, please contact QOFOWIN directly. You can visit the

official QOFOWIN store on Amazon for more information and contact options: [QOFOWIN Amazon Store](#).

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