

KTNNKG FS2201-30A

KTNNKG Waterproof Remote Control Power Switch User Manual

Model: FS2201-30A

For 20-30 Amp Outdoor Weatherproof Smart Outlet, AC 90-250V

INTRODUCTION

This manual provides detailed instructions for the safe and effective operation of your KTNNKG Waterproof Remote Control Power Switch. Please read this manual thoroughly before installation and use, and retain it for future reference.

SAFETY INFORMATION

WARNING: Risk of Electric Shock. Always disconnect power before installation or servicing.

- Ensure the power supply voltage matches the product's specifications (AC 90-250V).
- Do not exceed the maximum load current of 30 Amps. For continuous use, 70% of the maximum load is recommended.
- Installation should be performed by a qualified electrician if you are unsure about electrical wiring.
- Keep the remote control dry and away from extreme temperatures.
- The product is IP68 waterproof, but ensure all connections are properly sealed during installation to maintain water resistance.
- Do not open the main switch unit. Refer to qualified personnel for repairs.

PACKAGE CONTENTS

- 1 x KTNNKG Waterproof Remote Control Power Switch Unit
- 1 x Remote Control Transmitter (requires 1 x 9V DC battery, not included)



Image: The main product unit with its remote control, showcasing the waterproof design and compact size.

SETUP AND INSTALLATION

- 1. Power Disconnection:** Before beginning installation, ensure the power supply to the area where the switch will be installed is completely disconnected at the circuit breaker.
- 2. Mounting the Switch Unit:**

The switch unit is designed for outdoor and indoor use. Mount it in a secure location where it is protected from physical damage and where its input and output cables can be easily connected to your devices.



Image: An angled view of the main switch unit, highlighting its robust construction and cable entry points.

3. Connecting Power:

Connect the input plug of the switch unit to a suitable AC 90-250V power outlet. Ensure the outlet is rated for the intended load.

4. Connecting Device:

Plug the device you wish to control into the output receptacle of the switch unit. Ensure the device's power requirements do not exceed the switch's maximum load capacity (30A, 2200W in US / 4400W in EU).



Image: The main switch unit connected to a power source and ready to control a device, shown alongside the remote control.

5. Remote Control Battery Installation:

Open the battery compartment on the back of the remote control. Insert one 9V DC battery, observing the correct polarity. Close the compartment securely.



Image: A close-up view of the remote control's battery compartment, indicating where to insert the 9V battery.

6. **Power Restoration:** Once all connections are secure, restore power at the circuit breaker.

OPERATING INSTRUCTIONS

The KTNNKG Remote Control Power Switch operates with a simple two-button remote control.

- **Turning ON:** Press button **A** on the remote control to turn on the connected device.
- **Turning OFF:** Press button **B** on the remote control to turn off the connected device.

Default OFF Program: In the event of a power failure, the switch is designed to default to the "OFF" state when power is restored. This prevents unintended activation of connected devices.



- Default OFF Program •

When there is a power failure, it is "OFF" when the power returns

Image: An illustration demonstrating the "Default OFF Program" feature, ensuring safety after power interruptions.

Long Range Operation: The remote control offers a working distance of 500-1000 meters in open areas. Its strong RF signal can reliably transmit through walls, floors, and even closed metal doors, making it suitable for controlling hard-to-reach devices or those in different areas of your property.

Widely Applicable



Booster Pump



Christmas Tree



Oil Pan Heater



Air Compressors



Icicle Lights



Dust Collector



Sprinkler Pump



Water Pump



Fountain

Image: A collage showing various applications for the remote control switch, including booster pumps, Christmas lights, oil pan heaters, air compressors, icicle lights, dust collectors, sprinkler pumps, water pumps, and fountains.

MAINTENANCE

- Regularly inspect the switch unit and cables for any signs of damage or wear.
- Keep the unit clean by wiping it with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Replace the 9V battery in the remote control when its range decreases or it stops responding.
- Ensure the rubber cover lip on the sockets is properly seated to maintain IP68 waterproof rating.

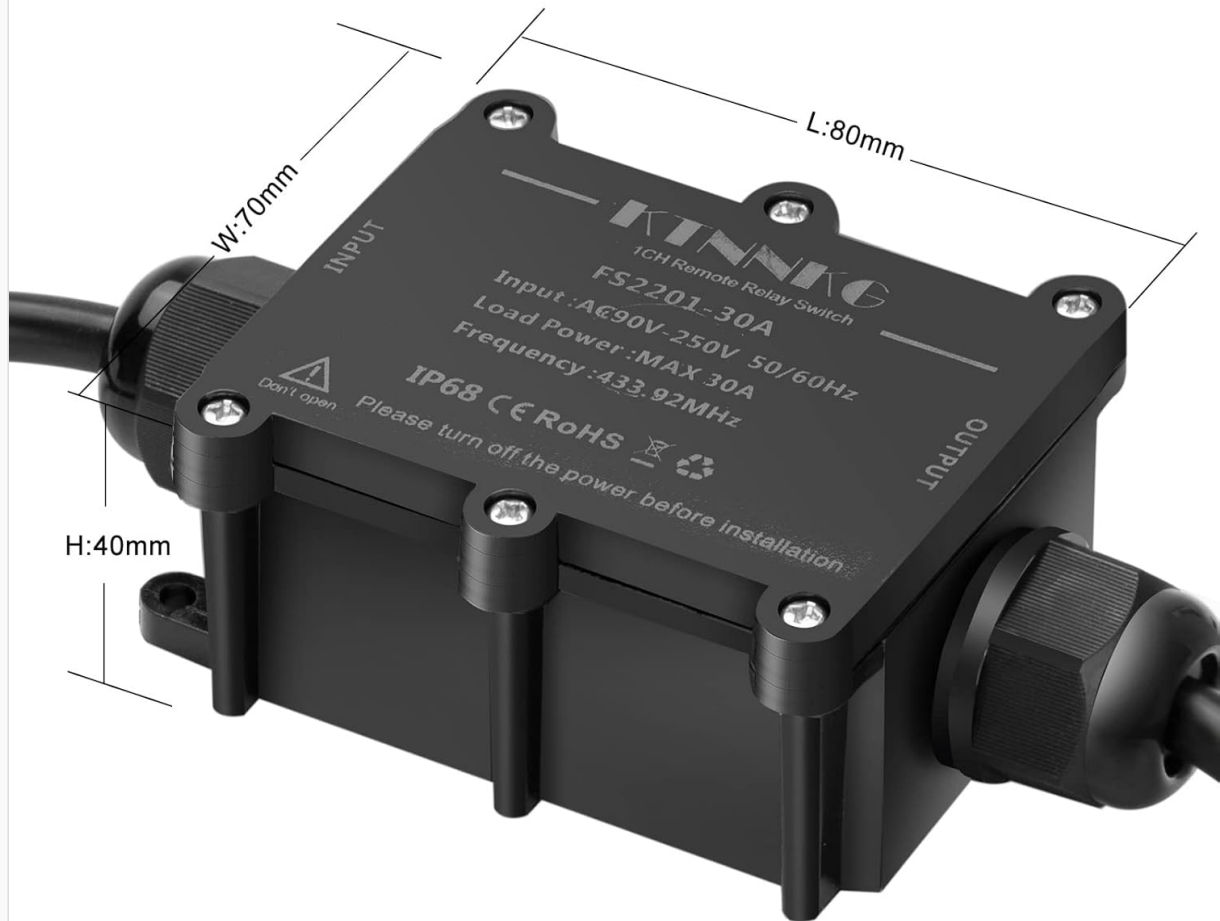
TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Device does not turn ON/OFF via remote.	<ol style="list-style-type: none"> 1. Remote control battery is low or dead. 2. Device is unplugged or not receiving power. 3. Switch unit is not receiving power. 4. Device exceeds switch's maximum load. 5. Interference or excessive distance. 	<ol style="list-style-type: none"> 1. Replace the 9V battery in the remote. 2. Check the device's power cord and ensure it's properly plugged into the switch unit. 3. Check the switch unit's input plug and the wall outlet/circuit breaker. 4. Verify the connected device's power consumption. 5. Move closer to the switch unit or reduce sources of interference.
Switch unit is not waterproof.	<ol style="list-style-type: none"> 1. Rubber cover lip not properly sealed. 2. Unit damaged. 	<ol style="list-style-type: none"> 1. Ensure the rubber cover lip on the sockets is fully seated. 2. If damaged, discontinue use and replace the unit.

SPECIFICATIONS

Feature	Detail
Model Number	FS2201-30A
Input Voltage	AC 90-250V
Max Load Current	30 Amps (70% recommended for safe use)
Operating Frequency	433.92MHz
Remote Working Distance	500-1000 meters (open area)
Waterproof Rating	IP68
Operation Mode	ON-OFF
Remote Battery Type	1 x 9V DC battery (not included)
Product Dimensions (L x W x H)	5.51 x 2.76 x 1.61 inches (80 x 70 x 40 mm)
Weight	8.8 ounces (250g)
Manufacturer	KTNNKG



Size(L*W*H): 80*70*40(mm)

Weight: 250g

Image: Technical drawing showing the dimensions of the main switch unit in millimeters and inches.

WARRANTY AND SUPPORT

For warranty information and technical support, please contact KTNNKG customer service through the retailer where you purchased the product or visit the official KTNNKG website. Please have your model number (FS2201-30A) and purchase details ready when contacting support.

Note: This product is designed for specific electrical loads and environments. Misuse or improper installation may void the warranty.