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› Ewelink Smart Switch 16A Mini WiFi Relay Module Instruction Manual

## RODOT KR2301\*2+WPUS02

# Ewelink Smart Switch 16A Mini WiFi Relay Module Instruction Manual

Model: KR2301\*2+WPUS02 | Brand: RODOT

## INTRODUCTION

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This manual provides comprehensive instructions for the installation, operation, and maintenance of your Ewelink Smart Switch 16A Mini WiFi Relay Module. Please read this manual carefully before use to ensure proper functionality and safety.

## KEY FEATURES

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- Mini design suitable for wall switch boxes, allowing for discreet installation without affecting existing decor.
- Supports independent operation with traditional switches.
- Ideal for retrofitting existing home devices such as lamps, fans, sockets, and garage door openers.
- Remote control via the free eWeLink App (iOS/Android) through Wi-Fi Router.
- Timer and Schedule functions for automated on/off control.
- Hands-free voice control compatible with Alexa and Google Home.
- 2.4GHz wireless wall switch remote control with up to 100FT through-wall distance.
- Easy battery replacement for the wireless wall switch (uses 2 AAA batteries).

## PRODUCT OVERVIEW

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*The Ewelink Smart Switch module, shown with a wireless wall switch and a smartphone displaying the control app. The module is designed for discreet installation within existing electrical boxes.*

## **SPECIFICATIONS**

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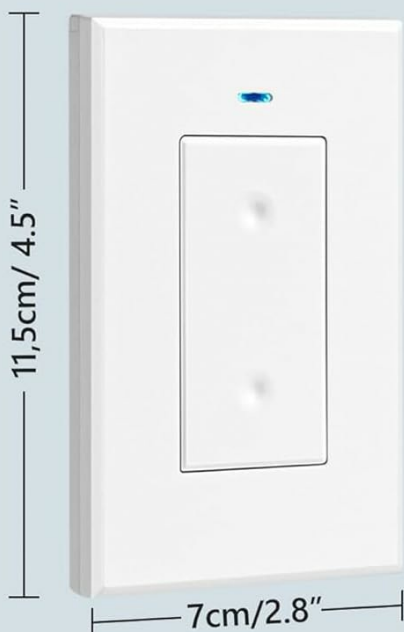
Attribute	Value
Product Dimensions	3.15 x 0.39 x 4.72 inches; 4.97 ounces
Item Model Number	KR2301*2+WPUS02
Manufacturer	QIACHIP
Connector Type	Plug-In
Contact Material	Plastic
Contact Type	Normally Open
Current Rating	16 Amps
Mounting Type	Wall Mount

Detailed product parameters are also available on the product packaging and in the eWeLink app.

# Product Parameters

The diagram shows three views of the smart switch module with dimensions: 41mm width, 20mm height, and 41mm depth. A technical specification table is provided:

<b>Product Name</b>	MINIWiFi Smart Switch
<b>Input/output</b>	AC100-240V 50/60Hz
<b>Housing material</b>	PC
<b>Communication frequency</b>	IEEE 802.11 b/g/n 2.4GHz
<b>Maximum current</b>	16A
<b>Product Size</b>	41*41*20mm



The switch of the adhesive type has a sliding rear cover. It uses two AAA batteries.



Image showing the dimensions of the smart switch module (41x41x20mm) and the wireless wall switch (11.5cm/4.5"

x 7cm/2.8"). It also lists key parameters like input/output, communication frequency (IEEE 802.11 b/g/n 2.4GHz), and maximum current (16A).

## PACKAGE CONTENTS

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- WIFI Controller (Smart Switch Module)
- Wireless Wall Switch (if included in your specific package)
- User Manual (this document)

*Please check all contents upon opening the package. If any items are missing or damaged, contact customer support.*

## SETUP & INSTALLATION

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### 1. Safety Precautions

- Ensure power is OFF at the circuit breaker before any installation.
- Installation should be performed by a qualified electrician if you are unsure.
- Do not exceed the maximum current rating of 16 Amps.

### 2. Wiring the Smart Switch Module

The mini WiFi relay module is designed to be installed within a wall switch box or similar hidden location. It supports various wiring configurations, including direct connection to a light, or integration with 1-way or 2-way switches.

**Put in the hidden bottom box**

**Socket / switch panel are available**



*The smart switch module can be discreetly placed in a hidden bottom box, making it suitable for various installations like behind sockets or switch panels.*



### **NO INTERFERENCE**

Enabling the use of several sets of devices in a single room

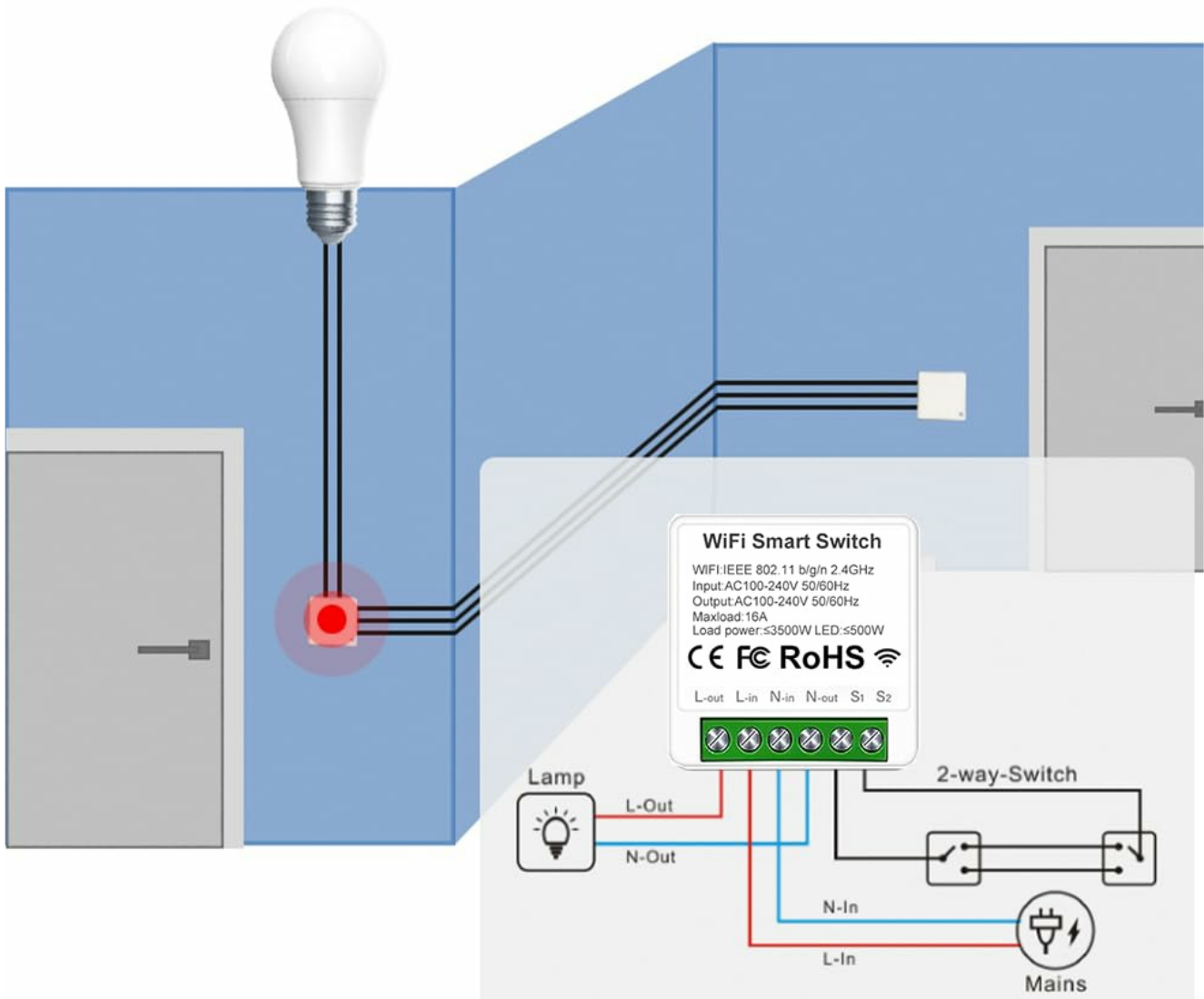
*Wiring diagram illustrating how to directly connect the smart switch module to a light fixture (L-out, N-out, L-in, N-in terminals).*



Wiring diagram showing the connection of the smart switch module with a traditional 1-way wall switch, allowing both smart and manual control.

## Supports bi-directional control

Connect two parallel switches, connect series switch



Wiring diagram demonstrating how to integrate the smart switch module with a 2-way switch setup for bi-directional control.

### 3. App Download & Pairing

The Ewelink App is essential for controlling your smart switch. Download it from the App Store (iOS) or Google Play (Android).

Follow these steps to pair your smart switch module with the eWeLink App:

1. Open the eWeLink app and tap the "Add" button to begin the device pairing process.
2. Ensure your Wi-Fi network is 2.4GHz. The app supports adding WiFi and Bluetooth devices.
3. Press and hold the button on the smart switch receiver module for more than 5 seconds until the indicator light blinks, indicating pairing mode.
4. The app will search for devices. Once found, select the device(s) and click "Next".
5. Assign a name to each device for easy identification (e.g., "Living Room Light").
6. Click "Done" to complete the pairing process.

Your browser does not support the video tag.

*Video demonstrating the process of connecting the smart switch module to the eWeLink app and pairing it with the wireless wall switch.*

#### **4. Wireless Wall Switch Setup**

The wireless wall switch provides convenient remote control. It operates on 2 AAA batteries (not included).



Uses AAA batteries

*The wireless wall switch features a sliding rear cover for easy battery replacement. It requires two AAA batteries.*

# 100FT REMOTE CONTROL RANGE

Strong signal, penetrating walls/doors/windows.



*The wireless wall switch offers a strong signal with a 100FT through-wall remote control distance, allowing control across multiple rooms.*

To pair the wireless wall switch with the smart module via the eWeLink app:

1. In the eWeLink app, navigate to the device settings for the smart switch module you wish to control.
2. Select the "eWeLink Remote" option.
3. Tap the button on the app interface to initiate learning mode.
4. Press the corresponding button on your 2.4G wireless wall switch that you want to match. The app will confirm successful pairing.

## OPERATING INSTRUCTIONS

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### 1. App Control

Once paired, you can control your devices remotely using the eWeLink App from anywhere with an internet connection. Simply tap the power icon in the app to toggle the connected appliance on or off.

### Support voice speaker control

Control appliances by voice, free your hands and enjoy smart life



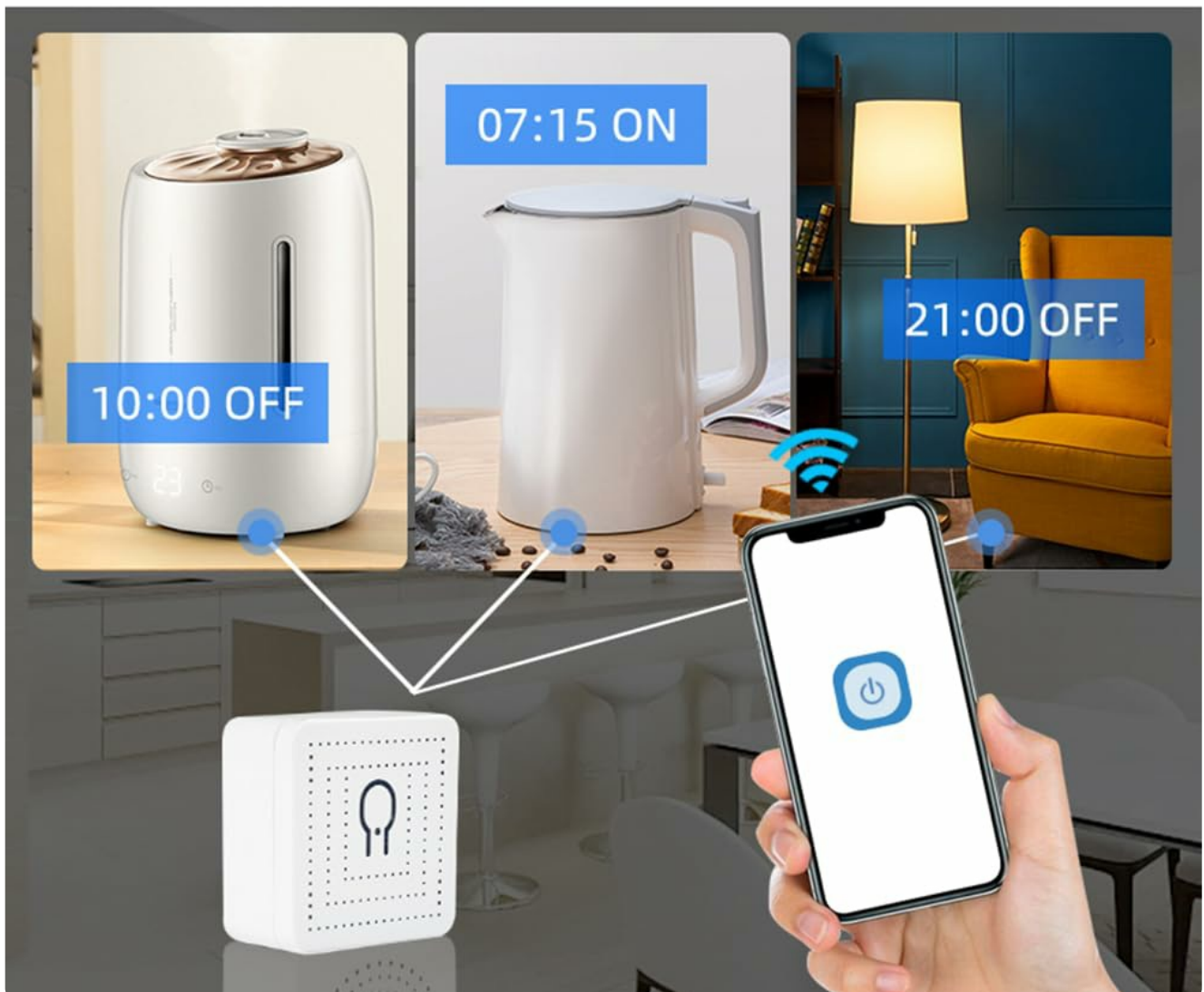
Control your lights and appliances remotely via the eWeLink app from anywhere, anytime.

## 2. Timer & Schedule Functions

Automate your home by setting schedules and timers for your devices. This feature allows you to set countdowns, scheduled on/off times, and loop timers.

### Timer switch Save your mind and energy

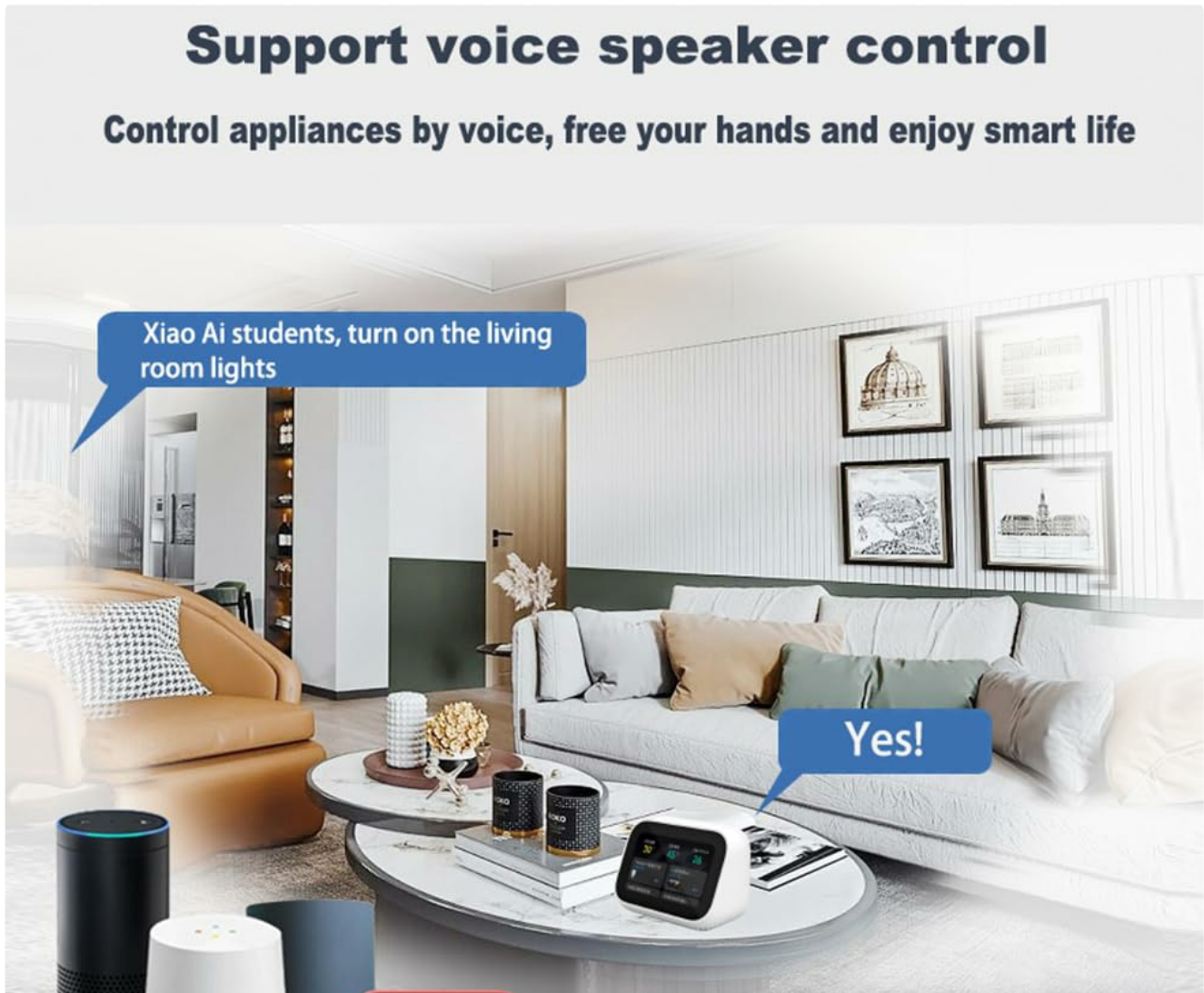
Set the timer function through APP to automatically switch on and off the appliances, making life more convenient



Set precise timers and schedules through the eWeLink app to automatically turn appliances on or off, simplifying your daily routine.

### 3. Voice Control

Integrate your smart switch with voice assistants like Amazon Alexa and Google Home for convenient hands-free control. Once linked, you can simply use voice commands to turn your lights or other connected appliances on or off.



## Support voice speaker control

Control appliances by voice, free your hands and enjoy smart life

Xiao Ai students, turn on the living room lights

Yes!

**Support domestic and international mainstream voice speaker control. Such as Tmall Genie, Xiao Ai classmates, Xiaodu, Google Home and Alexa, etc.**

Enjoy hands-free control by linking your smart switch with popular voice assistants such as Amazon Alexa and Google Home.

## MAINTENANCE

- Keep the device clean and dry. Avoid exposure to moisture or extreme temperatures.
- Regularly check for firmware updates in the eWeLink app to ensure optimal performance and security.
- For the wireless wall switch, replace AAA batteries when the indicator light dims or control becomes unreliable.
- Do not attempt to disassemble or repair the device yourself. Contact qualified personnel for service.

## TROUBLESHOOTING

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- **Device not pairing:** Ensure your Wi-Fi network is 2.4GHz. Check if the device is in pairing mode (blinking indicator). Move the device closer to your Wi-Fi router.
- **No remote control via app:** Verify your phone has an internet connection. Check if the smart switch module is connected to your Wi-Fi network (solid indicator light). Restart the app or the smart module.
- **Wireless wall switch not responding:** Check the batteries in the wireless wall switch and replace if necessary. Re-pair the wireless switch with the smart module via the eWeLink app. Ensure the switch is within the 100FT range.
- **Voice control issues:** Ensure your smart switch is correctly linked to Alexa or Google Home accounts in the eWeLink app. Check your internet connection and the voice assistant device's status.
- **Intermittent connection:** This could be due to Wi-Fi interference or weak signal. Try repositioning your Wi-Fi router or the smart module.

If problems persist, please refer to the eWeLink app's help section or contact customer support.

## WARRANTY & SUPPORT

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This product comes with a standard manufacturer's warranty. Please refer to the product packaging or the manufacturer's official website for specific warranty terms and conditions.

For technical support, troubleshooting assistance, or warranty claims, please contact RODOT customer service through the contact information provided on the product packaging or their official website.