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› [SONOFF 4CH Pro R3 Wi-Fi Smart Switch User Manual](#)

## SONOFF 4CHPROR3

# SONOFF 4CH Pro R3 Wi-Fi Smart Switch User Manual

Model: 4CHPROR3 | Brand: SONOFF

### 1. PRODUCT OVERVIEW

The SONOFF 4CH Pro R3 is a 4-channel Wi-Fi Smart Switch designed for home automation, offering versatile control over your appliances and lighting. It supports self-locking, interlock, and inching modes, and can be controlled via Wi-Fi, 433MHz RF remote, or voice commands through smart assistants like Alexa and Google Home.

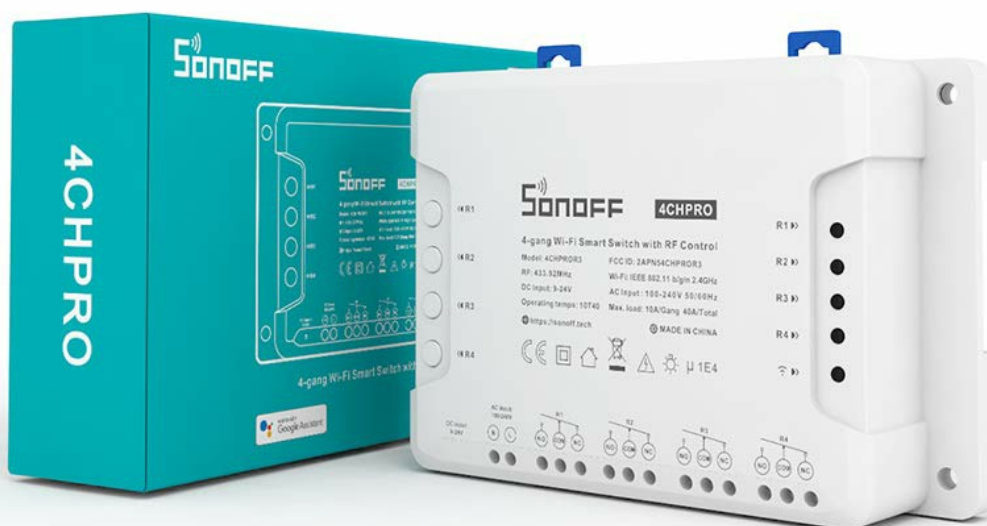


Figure 1: SONOFF 4CH Pro R3 Smart Switch with its packaging.

### Key Features:

- **Independent 4-Channel Control:** Remotely turn on/off four home appliances independently.
- **Multiple Working Modes:** Self-locking (independent control), Interlock (one on, others off), and Inching (auto-off after 1-16s).
- **Dual Remote Control:** Control via Wi-Fi (eWeLink App) or 433MHz RF Remote.
- **Scheduling & Automation:** Create up to 8 time schedules for automatic device control, even offline.
- **Voice Control Integration:** Compatible with Amazon Alexa and Google Home for hands-free operation.

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Video 1: Overview of SONOFF 4CH Pro R3 features, including RF and App control demonstrations.

## 2. SETUP AND INSTALLATION

### 2.1 Mounting the Device

The SONOFF 4CH Pro R3 is designed for Din Rail mounting, allowing for convenient installation in electrical panels or enclosures. Ensure the mounting surface is stable and secure.

## Easy to Out-of-Reach Devices

Mounted on the guide rail, convenient to connect and control devices far from the switch



1. Install the switch into the guide rail



2. Slide it to the right place



3. Press the mounting brackets until they click into place

Figure 2: Steps for mounting the SONOFF 4CH Pro R3 onto a Din Rail. 1. Install the switch into the guide rail. 2. Slide it to the right place. 3. Press the mounting brackets until they click into place.

## 2.2 Wiring Instructions

The device supports both AC (100-240V) and DC (9-23V) input. It features four independent output channels (R1-R4) with corresponding common (COM) and normally open (NO) terminals. Use the provided screwdriver to secure wires into the terminals.



Figure 3: Detailed view of the SONOFF 4CH Pro R3 showing input and output terminals for wiring.

**AC Input (100-240V):** Connect Live (L) and Neutral (N) wires to the AC input terminals. Max load is 10A per gang, 16A total.

**DC Input (9-23V):** Connect positive (+) and negative (-) wires to the DC input terminals.

**Output Channels (R1-R4):** Each channel has a Common (COM) and Normally Open (NO) terminal. Connect your appliances or lights to these terminals as required for switching.

**Included Screwdriver:** A small screwdriver is provided to assist with tightening the terminal screws for secure wire connections.

## 2.3 App Installation and Pairing

Download the eWeLink app from your smartphone's app store or by scanning the QR code provided in the quick start guide. Follow the in-app instructions to add your device and connect it to your Wi-Fi network. The Wi-Fi indicator light on the device will confirm successful connection.

### 3. OPERATING MODES

The SONOFF 4CH Pro R3 offers three distinct operating modes to suit various automation needs, accessible via the eWeLink app or physical buttons:

#### 3.1 Self-locking Mode

In self-locking mode, each of the four channels operates independently. You can turn on or off any connected device without affecting the state of the other channels.

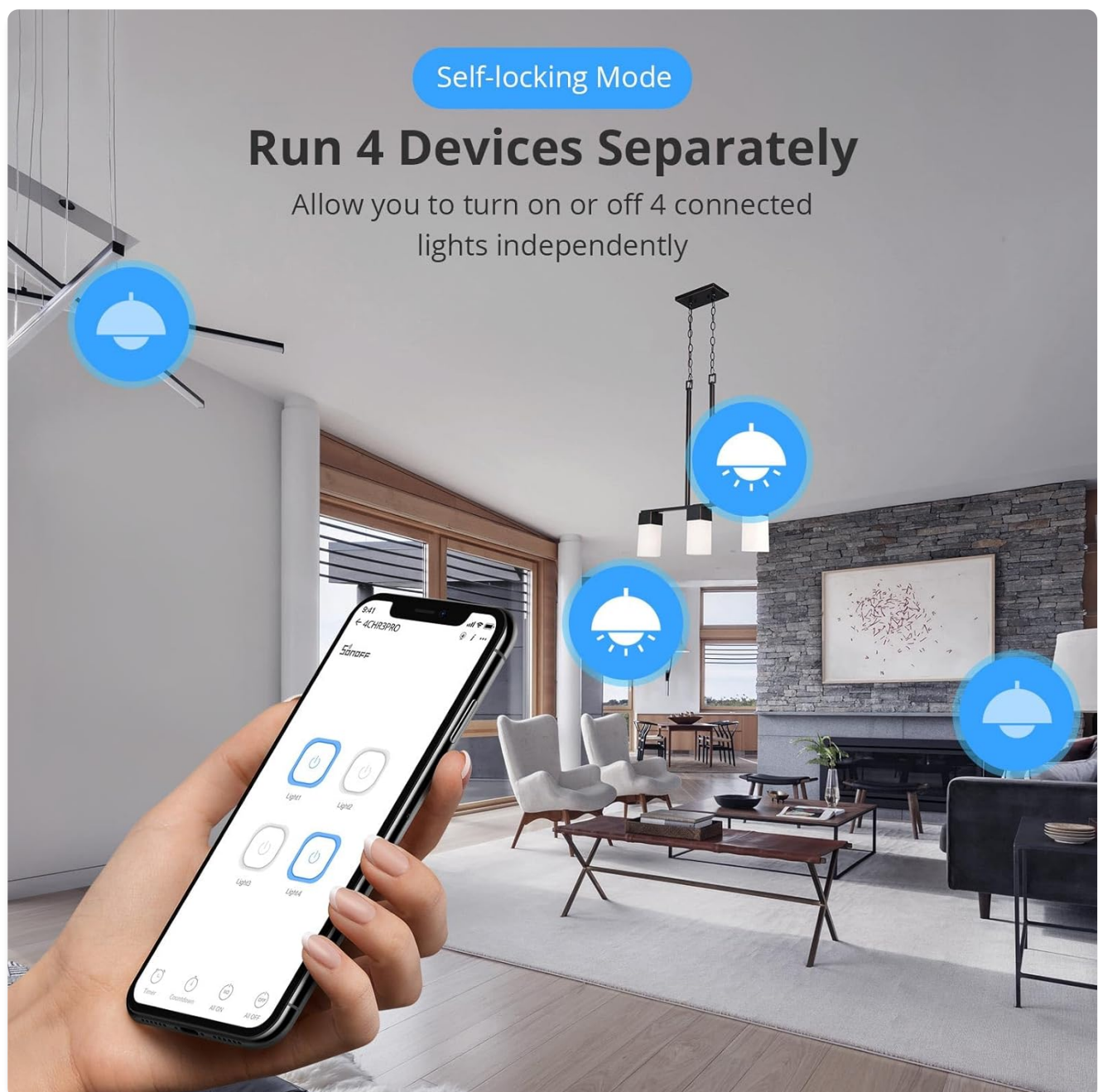


Figure 4: Visual representation of self-locking mode, allowing independent control of four devices.

### 3.2 Interlock Mode

Interlock mode ensures that only one channel can be active at a time. When you turn on one device, the other three connected devices will automatically turn off simultaneously. This is ideal for controlling motors or blinds where only one direction of movement should be active.

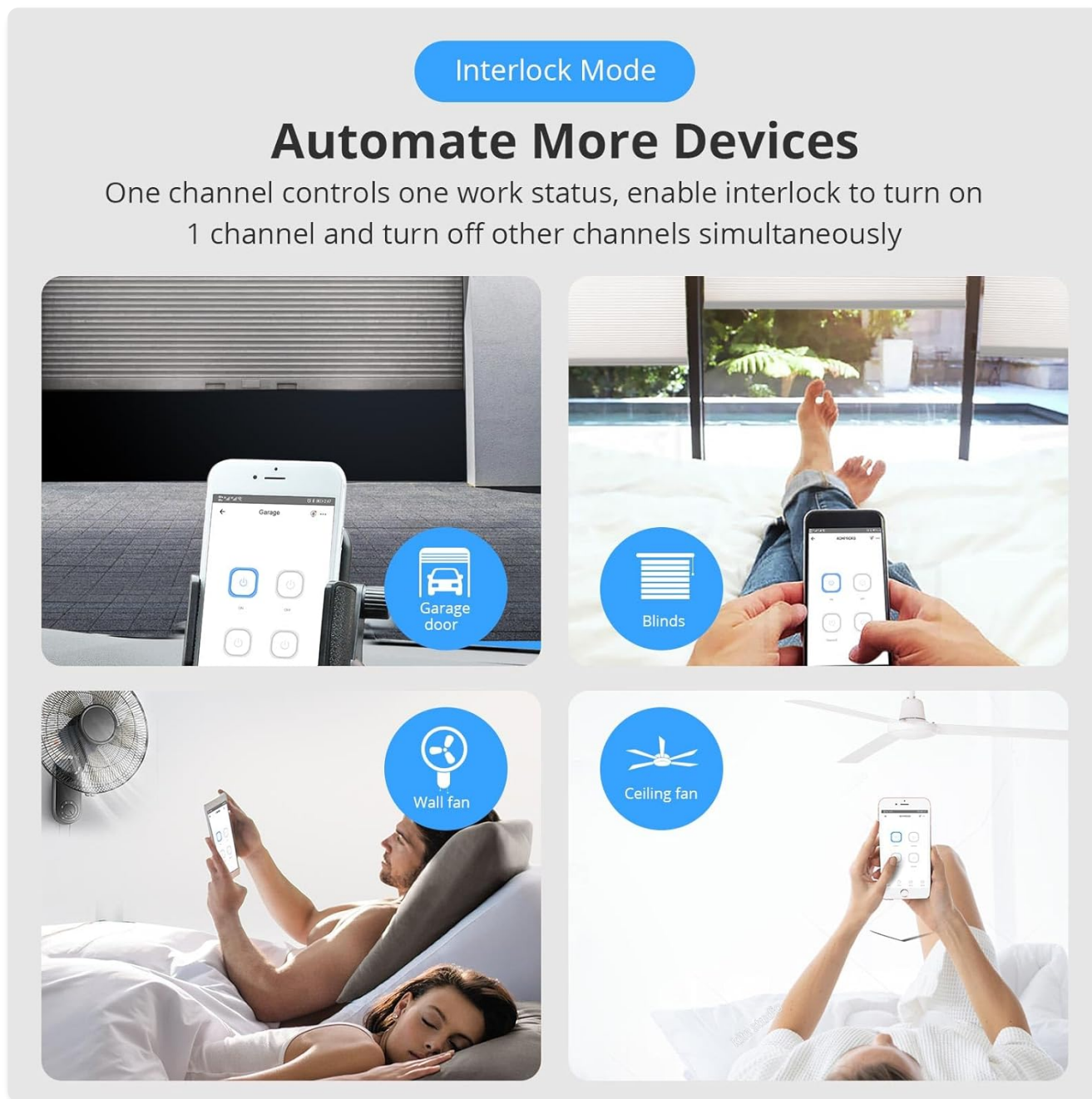


Figure 5: Interlock mode in action, demonstrating how activating one channel deactivates others.

### 3.3 Inching Mode

Inching mode allows a connected device to turn on for a set duration (1-16 seconds) and then automatically turn off. This is useful for momentary actions like opening a gate or turning on a light for a short period.

# Keeps On for A While, Then Turns Off Automatically - Inching Mode

Don't want to stiffly fumble in the dark for the way? Enable inching mode to set a "on" schedule for your corridor light, and it will automatically turn off after reaching the preset time



Figure 6: Inching mode illustration, showing a device turning on for a brief, preset time.

## 3.4 Voice Control

Integrate your SONOFF 4CH Pro R3 with Amazon Alexa or Google Home for convenient voice-activated control. Simply link the eWeLink skill/app to your smart assistant and use commands like "Alexa, turn on the light" or "Hey Google, turn off Channel 1."

# Voice Controls Your Home

Compatible with Alexa and Google Home. Wanna turn off the light immediately? Just tell it to do

"Alexa, turn on the light."

"OK."

Figure 7: Demonstrating voice control capabilities with popular smart home assistants.

## 4. MAINTENANCE

To ensure optimal performance and longevity of your SONOFF 4CH Pro R3, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the device with a dry, soft cloth. Do not use liquid cleaners or sprays.
- **Firmware Updates:** Check the eWeLink app periodically for firmware updates. Keeping the firmware updated ensures access to the latest features and security enhancements.
- **Environmental Conditions:** Ensure the device is installed in a dry, well-ventilated area, away from direct sunlight, extreme temperatures, and high humidity. This device is not waterproof and must be housed in a waterproof enclosure if used outdoors.

## 5. TROUBLESHOOTING

If you encounter issues with your SONOFF 4CH Pro R3, refer to the following common troubleshooting steps:

- **Device Offline:** Check your Wi-Fi connection. Ensure the device is within range of your router. Restart the device and your router.
- **Cannot Pair:** Ensure your Wi-Fi network is 2.4GHz. Reset the device by pressing and holding the pairing button for 5 seconds until the Wi-Fi indicator blinks rapidly. Try pairing again.
- **No Power to Appliance:** Verify all wiring connections are secure and correct. Check the power supply to the switch. Ensure the specific channel is turned on in the app or manually.
- **RF Remote Not Responding:** Ensure the RF remote is paired correctly with the switch. Check the remote's battery.

For further assistance, please visit the [SONOFF Store](#) or contact customer support.

## 6. SPECIFICATIONS

Feature	Detail
Model Number	4CHPROR3
Product Dimensions	5.71 x 3.54 x 1.57 inches; 3.53 ounces
Operation Mode	Automatically, Off, Smart Switch
Current Rating	10 Amps
Operating Voltage	100-240V AC / 9-23V DC
Contact Type	Normally Open
Connector Type	Clamp
Terminal	Screw
Actuator Type	Electronic
Contact Material	Copper
Wi-Fi Standard	IEEE 802.11 b/g/n 2.4GHz
RF Frequency	433.92MHz
Manufacturer	SONOFF
Country of Origin	China

## 7. WARRANTY AND SUPPORT

This product is covered by standard manufacturer warranties. For detailed warranty information, please refer to the documentation included with your purchase or visit the official SONOFF website.

### Optional Protection Plans:

Extended protection plans may be available for purchase to provide additional coverage beyond the standard warranty period. Please check the product listing on Amazon for current offers:

- 3-Year Protection Plan: \$5.99
- 4-Year Protection Plan: \$7.99
- Complete Protect: \$16.99/month (covers all eligible past and future purchases)

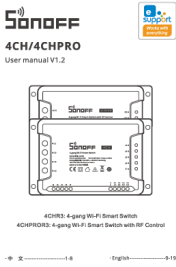
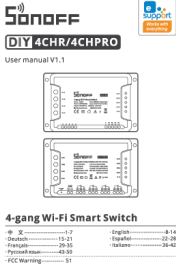
### Customer Support:

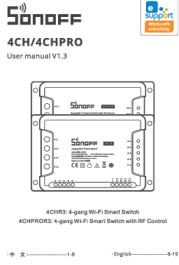
For technical support, troubleshooting assistance, or general inquiries, please visit the official [SONOFF Store on Amazon](#) or their official website.

## 8. IMPORTANT SAFETY INFORMATION

Always exercise caution when working with electrical devices. Ensure power is disconnected before installation or maintenance. If you are unsure about any wiring procedures, consult a qualified electrician. Do not expose the device to water or extreme environmental conditions unless properly housed in a suitable enclosure.

### Related Documents - 4CHPROR3

 <p>SONOFF 4CH/4CHPRO User manual V1.2</p> <p>4CH/4CHPRO 4-gang Wi-Fi Smart Switch 4CH/4CHPRO 4-gang Wi-Fi Smart Switch with RF Control</p> <p>English 8-13</p>	<p><a href="#">SONOFF 4CH/4CHPRO User Manual: Smart Wi-Fi Switches</a></p> <p>Comprehensive user manual for SONOFF 4-gang Wi-Fi Smart Switches (4CHR3 and 4CHPROR3) with RF control. Includes installation, wiring, setup, features, and troubleshooting.</p>
 <p>SONOFF DIY 4CHR/4CHPRO User manual V1.1</p> <p>4-gang Wi-Fi Smart Switch</p> <p>English 8-13</p>	<p><a href="#">SONOFF 4CH/4CHPRO User Manual: Setup, Features, and Specifications</a></p> <p>Comprehensive user manual for SONOFF 4CH and 4CHPRO 4-gang Wi-Fi smart switches. Learn about installation, wiring, eWeLink app setup, features like remote control, scheduling, and RF control.</p>



SONOFF 4CH/4CHPRO User Manual V1.3

User manual for SONOFF 4CH/4CHPRO, a 4-gang Wi-Fi smart switch with RF control. Includes wiring instructions, device setup, features, specifications, and troubleshooting.



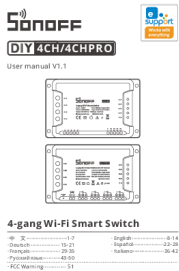
# SONOFF 4CH/4CHPRO DIY Wi-Fi Smart Switch User Manual V1.0

User manual for SONOFF 4CH/4CHPRO DIY 4-gang Wi-Fi Smart Switches (4CHR3 and 4CHPROR3). This guide covers product specifications, features, RF remote controller pairing, compatible pairing modes, factory reset procedures, and troubleshooting common connection problems.



[Sonoff 4CH R3 / 4CHPROR3 User Manual and Smart Switch Guide](#)

Comprehensive user manual for the Sonoff 4CH R3 and 4CHPROR3 4-gang Wi-Fi smart switches. Learn about installation, wiring, app pairing, features, specifications, and troubleshooting.



## Sonoff 4-Gang Wi-Fi Smart Switch User Manual

This user manual provides detailed instructions for the Sonoff 4-gang Wi-Fi smart switches, models 4CHR3 and 4CHPROR3. Learn about installation, wiring, app pairing, and product specifications.