

## SONOFF MINIR4M 3PCS

# SONOFF MINIR4M Smart Switch User Manual

Model: MINIR4M 3PCS

### 1. INTRODUCTION

The SONOFF MINIR4M is a compact and powerful Wi-Fi smart switch designed to transform traditional switches into smart ones, automating lights and various electronic devices. It features Matter compatibility, allowing seamless integration with multiple smart home ecosystems like Alexa, Apple Home, and Google Home. Its innovative 'Detach Relay Mode' provides enhanced control flexibility, separating the external switch state from the relay state. The MINIR4M is also significantly smaller than previous models, making it suitable for various mounting boxes, including standard European types.

# SONOFF's First Matter Device

SONOFF MINI Extreme Wi-Fi Smart Switch



works with alexa

Works with Apple Home

works with Google Home

WORKS WITH SmartThings



Image: The compact size of the SONOFF MINIR4M smart switch, highlighting its compatibility with various smart home platforms.

## 2. SAFETY INFORMATION

Please read and understand all safety instructions before installation and operation. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- Ensure the power supply is disconnected before installation or maintenance.
- Installation should be performed by a qualified electrician in accordance with local electrical codes.
- Do not exceed the maximum load rating of 10A / 2400W.
- Keep the device away from water, moisture, and high temperatures.
- The product is designed for indoor use only.

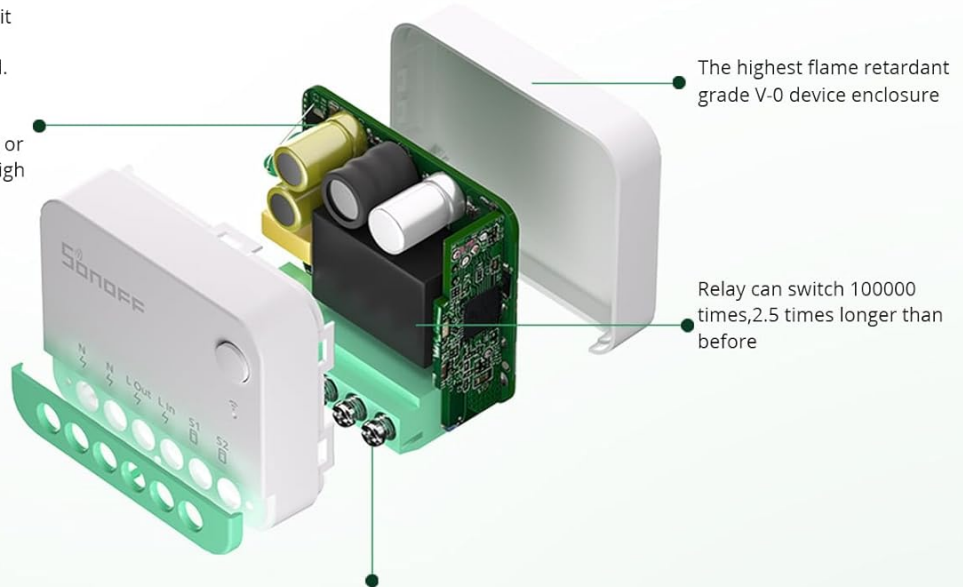
# Comprehensive Safety Guarantee

SONOFF always prioritizes safety and designs products in strict accordance with certification requirements. Our products passed CE, FCC, and more stringent TÜV certifications.



## Safe Even in Unusual Situations

The product's abnormal short-circuit is simulated and every possible short-circuited component is tested. Ensures the product is safe from electric shock even under fault conditions, that there is no burning or flame, and that no part reaches a high temperature that can cause a fire hazard in the surrounding areas.



The old way of tightening wires with screws could crush or even cut wires when screws were tightened too fast. The new connection port is safer, will not damage the wire easily, and fastens the wires more effectively



Before

Now

Image: Internal structure and safety certifications of the MINIR4M, emphasizing its robust design and adherence to safety standards.

## 3. PRODUCT OVERVIEW

### 3.1 Package Contents

- SONOFF MINIR4M Smart Switch (3 units)
- User Manual

### 3.2 Device Layout

The MINIR4M features clearly labeled terminals for easy wiring and a physical button for manual control and pairing.



Image: Front view of three SONOFF MINIR4M units, displaying their compact form factor and connection terminals.

### 3.3 Dimensions

The MINIR4M is designed with a mini form factor to fit various mounting boxes, including the smallest European standard ones.

# Mini than Ever, Adapts to Various Boxes

A brand new product that turns traditional switches into smart switches, automating lights and electronic devices. It's 40% smaller than MINIR2, fits in various mounting boxes, including the smallest European standard ones.



Image: Size comparison of MINIR4M with previous models, demonstrating its ability to fit into various electrical boxes.

## 4. SETUP

### 4.1 Wiring Instructions

Before wiring, ensure the main power supply is turned off at the circuit breaker. Connect the MINIR4M according to the appropriate wiring diagram for your setup (e.g., for a light switch, ensure neutral wire is available).

The device supports connection to momentary switches, door exit switches, SPDT switches, latching switches, and dry contact sensors.

### 4.2 App Installation

Download the eWeLink App from the App Store (iOS) or Google Play Store (Android). Register an account and log in.

### 4.3 Pairing Methods

The MINIR4M offers two primary pairing methods:

1. **eWeLink App Pairing:** Follow the in-app instructions to add the device. This typically involves putting the device into pairing mode (refer to the device's LED indicator for status) and searching for it within the eWeLink app.
2. **Matter Pairing:** For Matter-compatible apps (e.g., Alexa app, Apple Home app, Google Home app), you can add the device by scanning the Matter QR code provided with the product. This allows for direct integration into your preferred Matter-enabled smart home platform.

## Easy to Setup and Use

Two pairing methods for you to choose, the first is to add devices through the eWeLink APP. The second is "Matter pairing method", which can be added with Matter-compatible APPs, such as Alexa app, Apple Home app, and Google Home app.

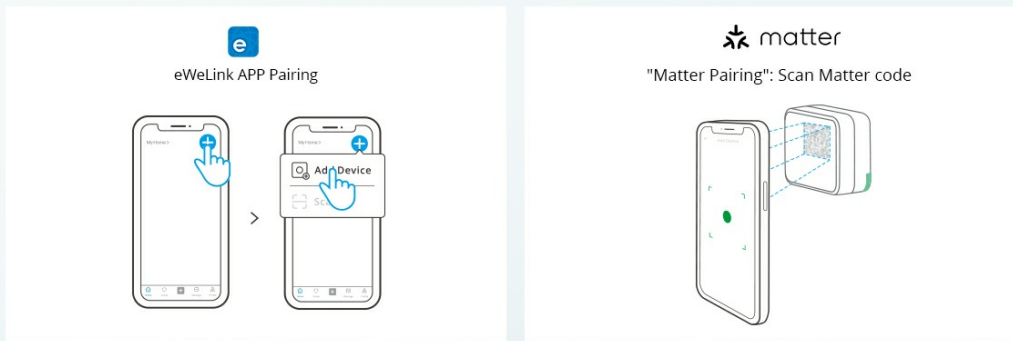


Image: Visual guide for eWeLink App pairing and Matter pairing processes.

## 5. OPERATING INSTRUCTIONS

### 5.1 Basic Control

Once paired, you can control the connected device (e.g., light) via the eWeLink app, Matter-enabled apps, or the physical button on the MINIR4M.

### 5.2 Detach Relay Mode

The 'Detach Relay Mode' allows the states of external switches and the internal relay to be separated. This means operating the external switch button will not affect the relay's state. This mode is particularly useful for maintaining smart control even if a traditional wall switch is toggled, ensuring the smart light remains online and controllable via the app.

## Detach Relay

"Detach Relay" means the states of external switches and relay are separated, so operating the external switch button won't affect relay state. As below, the smart light won't be offline after enabling "Detach Relay", and can App control smart lights.

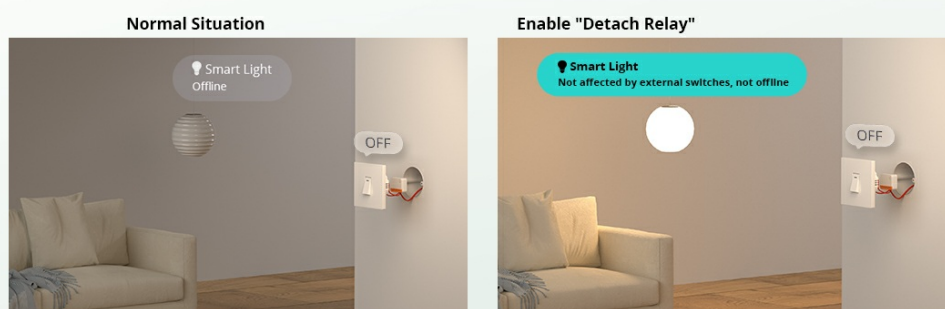


Image: Illustration of 'Detach Relay Mode' functionality, showing how it keeps smart lights online regardless of external switch

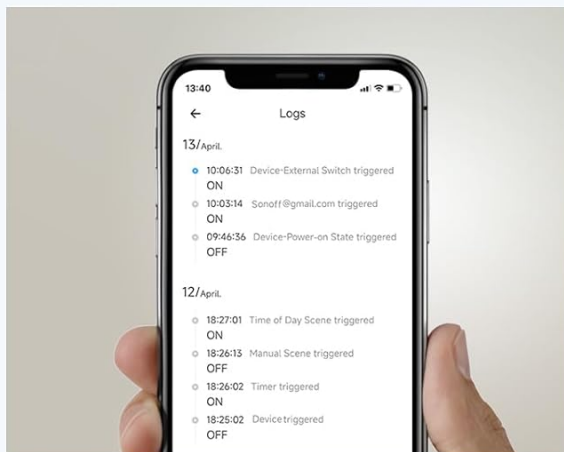


position.

### 5.3 App & Voice Control

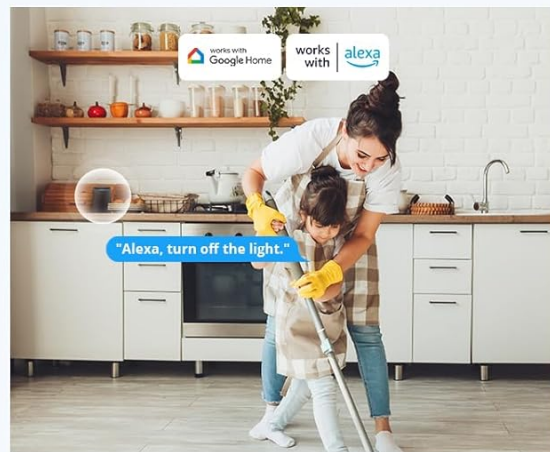
The MINIR4M supports control through the eWeLink app and voice commands via integrated platforms like Amazon Alexa, Google Home, and Apple Home. This allows for convenient hands-free operation and remote control.

## It's All in the Details



### Rich Logs

Record device triggers, including external switch triggers, etc.



### Voice Control

Free your hands and control devices with one command.

Image: Overview of app features including timers, event logs, and voice control capabilities.

### 5.4 Scheduling and Smart Scenes

Utilize the eWeLink app to set schedules for automatic ON/OFF operations. Create smart scenes to automate your home based on various triggers, such as motion detection, door/window sensor status, or time of day.

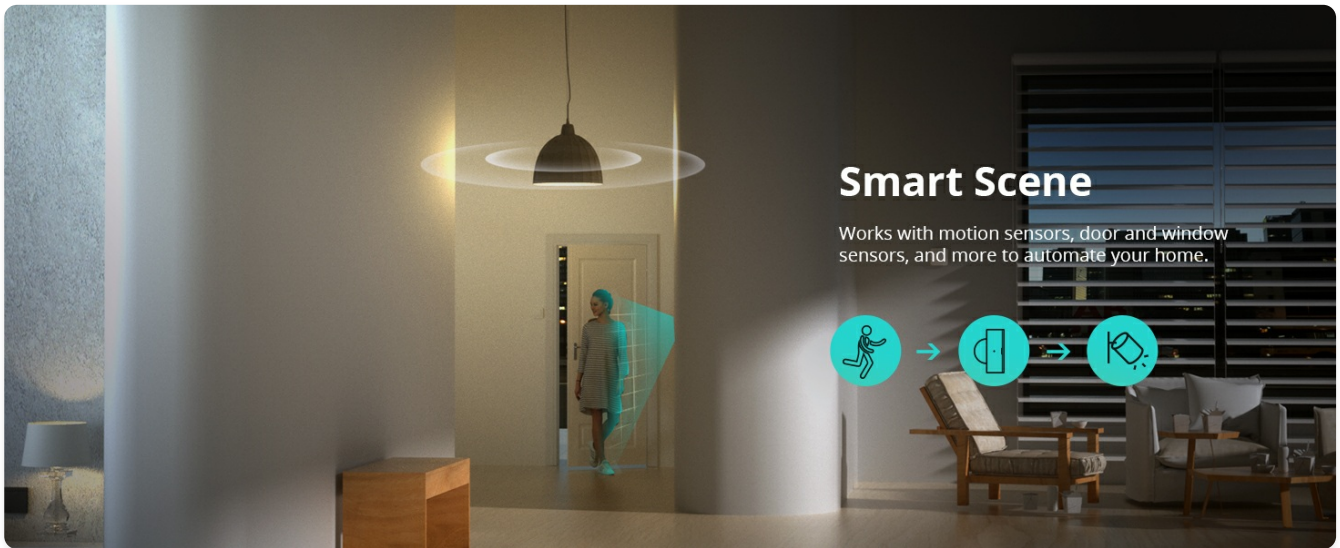


Image: Example of a smart scene automation using motion sensors.

## 6. MAINTENANCE

The SONOFF MINIR4M requires minimal maintenance. Keep the device clean and free from dust. Do not attempt to disassemble or repair the device yourself, as this will void the warranty and may pose safety risks. For cleaning, use a dry, soft cloth. Avoid using harsh chemicals or abrasive cleaners.

## 7. TROUBLESHOOTING

If you encounter issues with your MINIR4M, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device offline in app	No Wi-Fi connection, weak signal, router issues.	Check Wi-Fi signal strength, restart router, re-pair device if necessary. Ensure device is within Wi-Fi range.
Cannot pair device	Incorrect pairing mode, wrong Wi-Fi password, 5GHz Wi-Fi network.	Ensure device is in pairing mode (LED blinking), verify Wi-Fi password, connect to a 2.4GHz Wi-Fi network.
Device not responding to commands	Power issue, app glitch, network delay.	Check power supply, restart app, check internet connection.
External switch not working	Incorrect wiring, 'Detach Relay Mode' enabled.	Verify wiring connections. If 'Detach Relay Mode' is enabled, the external switch will not directly control the relay state. Adjust settings in the app if needed.

## 8. SPECIFICATIONS

Specification	Value
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Specification	Value
Model Number	MINIR4M 3PCS
Manufacturer	SONOFF
Product Dimensions	14.2 x 6.4 x 12 cm
Item Weight	80 g
Voltage	240 Volts
Wattage	2400 watts
Rated Current	10 Amperes
Switch Type	2-way
Operating Mode	On-off-on
Contact Type	Normally open
Actuator Type	SPDT Switch
Contact Material	Brass
Circuit Type	2-way
Batteries Included?	No
Batteries Required?	No

## 9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official SONOFF website or contact their customer service. Keep your purchase receipt as proof of purchase for warranty claims.