SONOFF

MINIR3

User manual V1.2

e support

Works with everything

Smart Switch

产品介绍

Wi-Fi信号指示灯(蓝色)

开关指示灯(红色)

配对按钮
开关按钮

N   N   L in   L Out
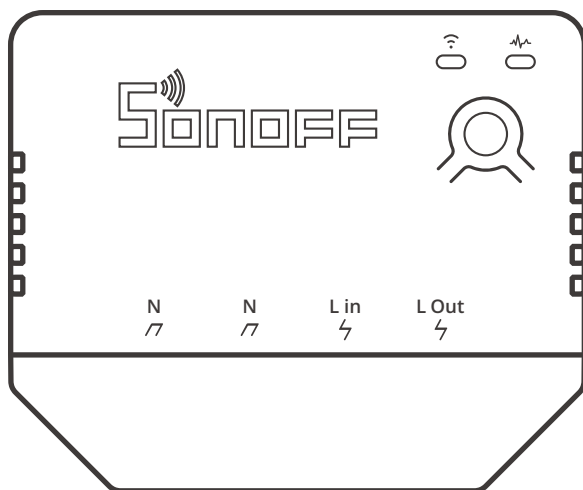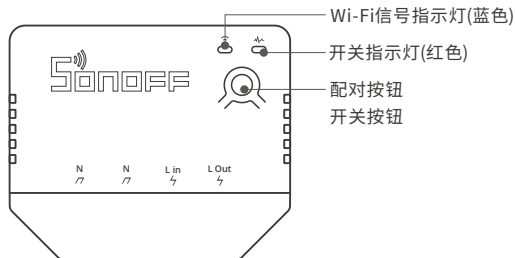
ⓘ 设备重量＜1Kg，建议安装高度＜2米。

功能特点

MINIR3 是一款最大可连接 16A 电器的智能开关。带有"轻智能网关"功能，轻智能子设备添加至网关后可本地近距离控制网关的开关，也可通过云端在智能场景中设置联动触发其他智能设备。

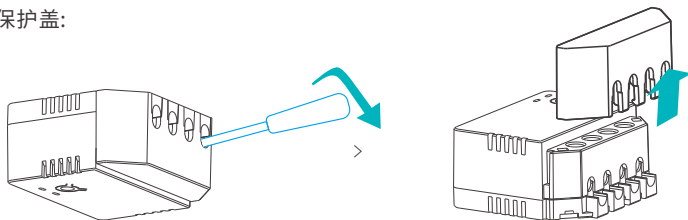|				
远程控制	智能定时/延时	语音控制	分享功能	智能场景
"轻智能"控制	点动模式	DIY 模式	群组功能	局域网功能

使用说明

1. 断电

ON OFF

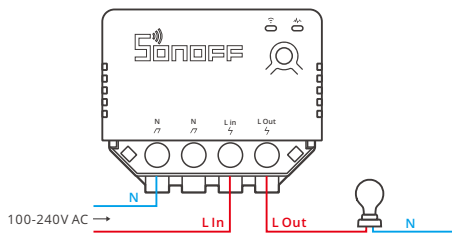ON OFF

ON OFF

ON OFF
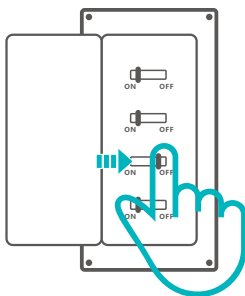
⚠ 设备安装、故障维修请由专业资质电工操作。切勿在设备通电时进行接线操作或触碰到接线端子，以免发生触电危险！

1

2. 接线

接线前先拆下保护盖:

灯具接线示意 :

电器接线示意:
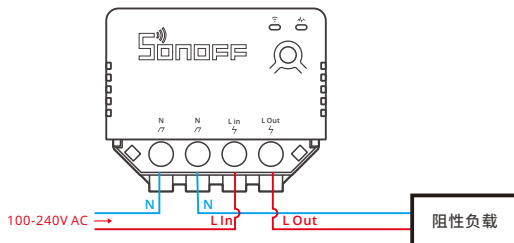
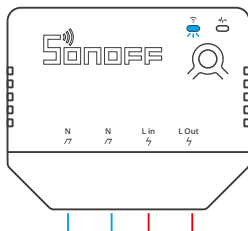⊙确保线路接入无误后，再合上保护盖。

3. 下载 "易微联" App

易 微 联

Android™ & iOS

4. 上电

通电后，设备首次使用，默认进入蓝牙配网模式。Wi-Fi 指示灯呈"两短一长闪烁"。

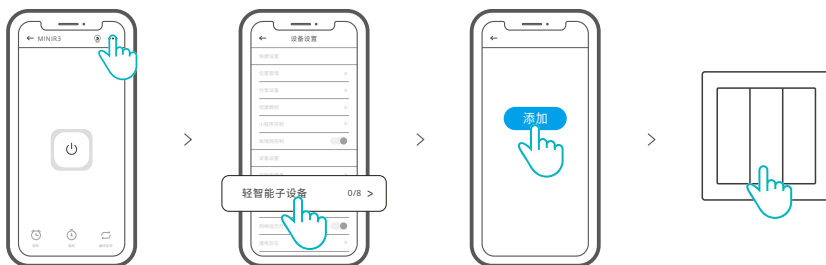(!) 三分钟内没有进行配网，设备将退出蓝牙配网模式。如需再次进入，长按配对按钮5秒直到Wi-Fi 指示灯
呈两短一长闪烁即可。

5. 配对设备

点击"+"，选择"蓝牙配网"，再根据 APP 提示进行操作。

添加轻智能子设备

进入 APP MINIR3 设置页面，点击轻智能子设备，然后触发子设备，即可添加成功。

(!) 该设备最多添加 8 个子设备 。

产品参数

型号	MINIR3
输入	100-240V ~ 50/60Hz 16A Max
输出	100-240V ~ 50/60Hz 16A Max
最大负载	3500W
Wi-Fi	IEEE 802.11 b/g/n 2.4GHz
"轻智能"接收距离	最大 50 米
支持平台	Android & iOS
工作温度	-10℃~40℃
外壳材料	PC V0
产品规格	54x45x24mm

Wi-Fi信号指示灯状态说明

指示灯状态	状态描述
两短一长闪烁	蓝牙配网模式
快速闪烁	DIY 配对模式
常亮	设备在线
快闪一下	未连接路由
快闪二下	已连接上路由器，但未连接到云端
快闪三下	固件升级中

DIY 模式

DIY 模式专为希望通过现有家庭自动化开源平台或本地 HTTP 客户端而不是 eWeLink App 控制 SONOFF 设备的 IoT 家庭自动化用户和开发人员而设计 (https://sonoff.tech)。

如何进入 DIY 配对模式:

长按设备配对按钮 5 秒直到 Wi-Fi 指示灯呈"两短一长闪烁"状态，松开。再次设备长按配对按钮 5 秒直到 Wi-Fi指示灯呈"快闪"状态，此时设备进入 DIY 配对模式。

⊙ 三分钟内没进行配网,设备将退出DIY 配对模式。

恢复出厂设置

在 eWeLink APP 端"删除设备"，设备即恢复出厂设置。

常见问题

Wi-Fi设备与 eWeLink APP 配对失败。

1. 确保设备处于配对模式。三分钟内没进行配网，设备将自动退出配对模式。

2. 请开启定位服务并允许定位权限。在选择 Wi-Fi 网络之前，请开启定位服务并允许定位权限。
   位置信息权限用于获取 Wi-Fi 列表信息。如果单击禁用，您将无法添加设备。

3. 确保您的 Wi-Fi 网络为 2.4GHz 频段。

4. 确保您输入了正确的 Wi-Fi SSID 和密码，没有包含特殊字符。密码错误是配对失败的一个
   非常常见的原因。

5. 配对时设备应靠近路由器，以保证良好的传输信号条件。

Wi-Fi 设备"离线"问题，请通过 Wi-Fi LED 指示灯状态检查以下问题：
LED 指示灯每 2 秒闪烁一次，表示您无法连接到路由器。

1. 可能您输入了错误的 Wi-Fi SSID 和密码。

2. 确保您的 Wi-Fi SSID 和密码不包含特殊字符，例如希伯来语、阿拉伯语字符，我们的系统无法识别这些
   字符，因此无法连接到 Wi-Fi。

3. 可能你的路由器承载能力较低。

4. 可能是 Wi-Fi 强度较弱。您的路由器距离您的设备太远，或者路由器和设备之间可能存在阻碍信号传输
   的障碍物。

5. 确保设备的 MAC 不在您的 MAC 管理黑名单中。

LED 指示灯重复闪烁两次表示您无法连接到服务器。

1. 确保互联网连接正常。您可以使用您的手机或PC连接互联网，如果无法访问，请检查互联网连接的可用性。

2. 可能你的路由器承载能力低。连接到路由器的设备数量超过其最大值。请确认您的路由器可以携带的
   最大设备数量。如果超过，请删除一些设备或换个更大的路由器再试。

3. 请联系您的 ISP 并确认我们的服务器地址没有被屏蔽：
   cn-disp.coolkit.cc（中国大陆）
   as-disp.coolkit.cc（亚洲除中国外）
   eu-disp.coolkit.cc（在欧盟）
   us-disp.coolkit.cc（美国）

如果以上方法均无法解决此问题，请通过 eWeLink APP 上的帮助&反馈提交您的请求。

Product Introduction

Wi-Fi LED indicator(Blue)
On/Off LED indicator(Red)
Pairing button
On/Off button
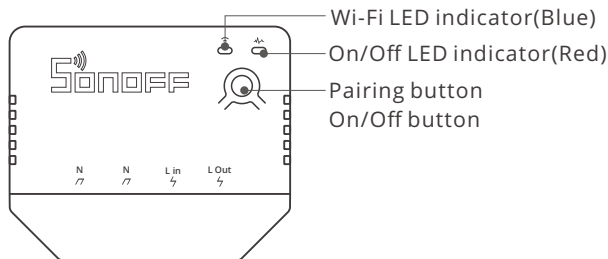
ⓘ The device weight is less than 1 kg. The installation height of less than 2 m is recommended.

Features

MINIR3 is a smart switch that can connect up to 16A electrical appliances. With the "eWeLink-Remote gateway" function, the eWeLink-Remote sub-devices can be added to the gateway to control the switch of the gateway at close range locally, and can also trigger other smart devices in the smart scene through the cloud.

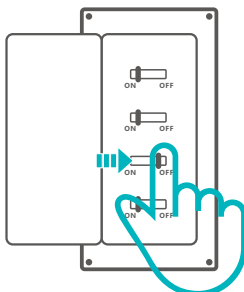| Remote Control	Single/Countdown Timing	Voice Control	Share Control	Smart Scene
"eWeLink-Remote" control	Inching Mode	DIY Mode	Group Control	LAN Control

Operating Instruction

1. Power off

⚠ Please install and maintain the device by a professional electrician. To avoid electric shock hazard, do not operate any connection or contact the terminal connector while the device is powered on !

2. Wiring instruction

Before wiring, please remove the protective cover:
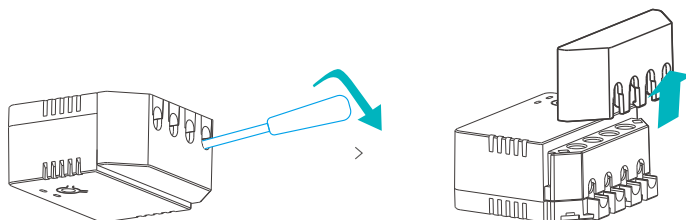
Light fixture wiring instruction:

100-240V AC →   N   L In   L Out   N
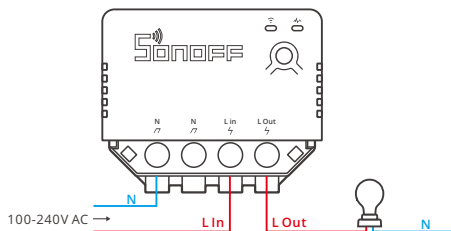
Appliance wiring instruction:

100-240V AC →   N   N   L In   L Out   Resistive load
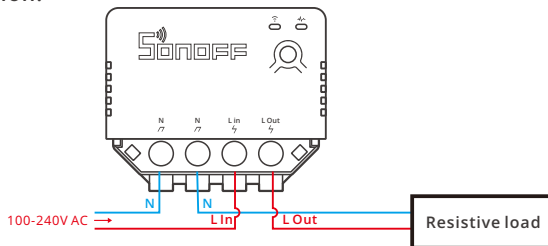
⊙ Close the protective cover after confirming the wiring is correct.

3. Download the eWeLink App

🔍 | eWeLink

Download on the **App Store**

GET IT ON **Google Play**

Android™ & iOS

4. Power on
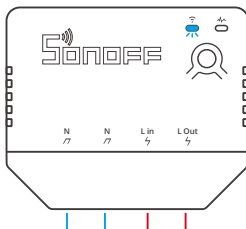
After powering on, the device will enter the bluetooth pairing mode during the first use. The Wi-Fi LED indicator changes in a cycle of two short and one long flash and release.

⚠ The device will exit the bluetooth pairing mode if not paired within 3mins. If you want to enter this mode, please long press the manual button for about 5s until the Wi-Fi LED indicator changes in a cycle of two short and one long flash and release.

5. Pair with eWeLink App

Add Device   All devices.

Quick Pairing

Scan QR code   Sound Pairing

Bluetooth Pairing
Available for bluetooth connection.
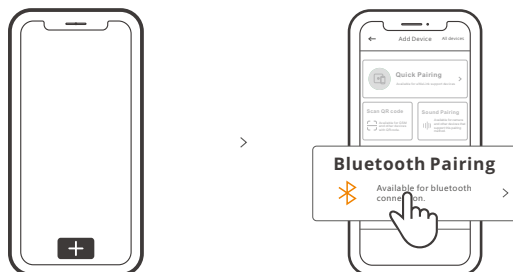
Tap "+" and select "bluetooth pairing" , then operate following the prompt on the APP.

Add eWeLink-Remote Sub-devices

Enter the MINIR3 setting page, click eWeLink-Remote sub-devices on the App and trigger the sub-device by pressing the button on the device, then it will be added successfully.

ⓘ This device can be added up to 8 sub-devices.

Specifications

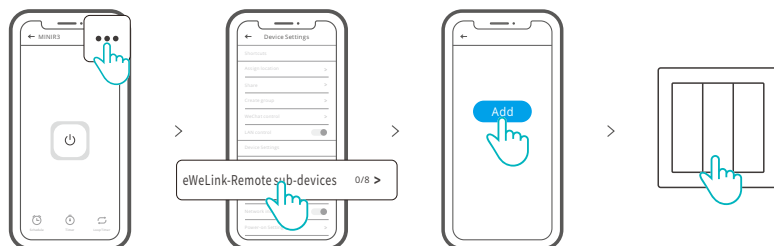| Model	MINIR3
Input	100-240V ~ 50/60Hz 16A Max
Output	100-240V ~ 50/60Hz 16A Max
Max.load	3500W
Wi-Fi	IEEE 802.11 b/g/n 2.4GHz
Frequency range	2400-2483.5Mhz
Version Information	Hardware Versions: V1.0 Software Versions: V1.0
Maximum RF output power	Wi-Fi: 18dbm(e.i.r.p) BLE: 10dbm(e.i.r.p)
"eWeLink Remote" receiving distance	Up to 50M
Working temperature	-10℃~40℃
Operating systems	Android & iOS
Shell material	PC V0
Dimension	54x45x24mm

Wi-Fi LED indicator status instruction

LED indicator status	Status instruction
Flashes (one long and two short)	Bluetooth Pairing Mode
Flashes quickly	DIY Pairing Mode
Keeps on	Device is Oline
Flashes quickly once	Fail to Connect to Router
Flashes quickly twice	Connected to Router but Fail to Connect to Serve
Flashes quickly three times	Firmware Updating

DIY Mode

The DIY Mode is designed for IoT home automation users and developers who would like to control the SONOFF device via existing home automation open-source platforms or local HTTP clients instead of the eWeLink App (https://sonoff.tech).

How to enter the DIY Pairing Mode:

Long press Pairing button for 5s until the Wi-Fi LED indicator changes in a cycle of two short flashes and one long flash and release. Long press Pairing button for 5s again until the Wi-Fi LED indicator flashes quickly. Then, the device enters DIY Pairing Mode.

⊙ The device will exit the DIY Pairing Mode if not paired within 3mins.

Factory Reset

Deleting the device on the eWeLink app indicates you restore it to factory setting.

Common Problems

Fail to pair Wi-Fi devices to eWeLink APP

1. Make sure the device is in pairing mode. After three minutes of unsuccessful pairing, the device will automatically exit pairing mode.
2. Please turn on location services and allow location permission. Before choosing the Wi-Fi network, location services should be turned on and location permission should be allowed. Location information permission is used to obtain Wi-Fi list information. If you click Disable, you will not be able to add devices.
3. Make sure your Wi-Fi network runs on the 2.4GHz band.
4. Make sure you entered a correct Wi-Fi SSID and password, no special characters contained. Wrong password is a very common reason for pairing failure.
5. The device shall get close to the router for a good transmission signal condition while pairing.

Wi-Fi devices "Offline" issue, Please check the following problems by the Wi-Fi LED indicator status:

The LED indicator blinks once every 2s means you fail to connect to the router.
1. Maybe you entered the wrong Wi-Fi SSID and password.
2. Make sure that your Wi-Fi SSID and password don't contain special characters, for example, the Hebrew, Arabic characters, our system can't recognize these characters and then fail to connect to the Wi-Fi.
3. Maybe your router has a lower carrying capacity.
4. Maybe the Wi-Fi strength is weak. Your router is too far away from your device, or there may be some obstacle between the router and device which blocks the signal transmission.
5. Be sure that the MAC of the device is not on the blacklist of your MAC management.

The LED indicator flashes twice on repeated means you fail to connect to the server.
1. Make sure the Internet connection is working. You can use your phone or PC to connect to the Internet, and if it fails to access, please check the availability of the Internet connection.
2. Maybe your router has a low carrying capacity. The number of devices connected to the router exceeds its maximum value. Please confirm the maximum number of devices that your router can carry. If it exceeds, please delete some devices or get a lager router and try again.
3. Please contact your ISP and confirm our server address is not shielded:
   cn-disp.coolkit.cc (China Mainland)
   as-disp.coolkit.cc (in Asia except China)
   eu-disp.coolkit.cc (in EU)
   us-disp.coolkit.cc (in US)

If none of the above methods solved this problem, please submit your request via help&feedback on the eWeLink APP.

FCC Warning

Changes or modifications not expressly approved by the party responsible for compliance could avoid the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

— Reorient or relocate the receiving antenna.
— Increase the separation between the equipment and receiver.
— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
— Consult the dealer or an experienced radio/TV technician for help.

Hereby, Shenzhen Sonoff Technologies Co., Ltd. declares that the radio equipment type MINIR3 is in compliance with Directive 2014/53/EU.The full text of the EU declaration of conformity is available at the following internet address:

https://sonoff.tech/usermanuals

Shenzhen Sonoff Technologies Co., Ltd.

1001, BLDG8, Lianhua Industrial Park, shenzhen, GD, China
ZIP code: 518000   Website: sonoff.tech

MADE IN CHINA

Type Approved
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Regular Production
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