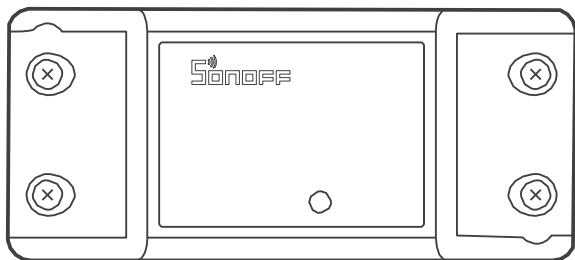


SONOFF



BASIC/RF

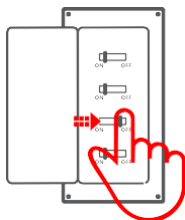
User manual V1.4



Wi-Fi Smart Switch

Operating Instruction

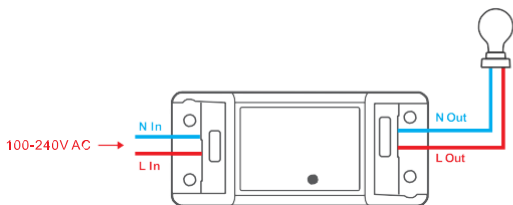
1. Power off



⚠ To avoid electric shocks, please consult the dealer or a qualified professional for help when installing and repairing! Please do not touch the switch during use.

2. Wiring instruction

Wiring: 16-18AWG SOL/STR copper conductor only, Tightening torque: 3.5 lb-in.

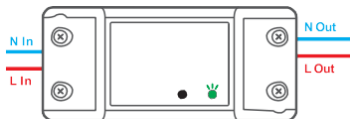


- ⚠ Make sure the neutral wire and live wire connection is correct.
- ⚠ To ensure the safety of your electrical installation, it's essential either a Miniature Circuit Breaker (MCB) or a Residual Current Operated Circuit Breaker (RCBO) with an electrical rating of 10A has been installed before the BASICR2, RFR2.

3. Download the eWeLink App



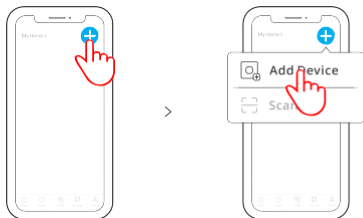
4. Power on



After powering on, the device will enter the quick 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 quick 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. Add the device



Tap "+" and select "Add Device", then operate following the prompt on the App.

Compatible Pairing Mode

If you fail to enter Quick Pairing Mode, please try "Compatible Mode" to pair.

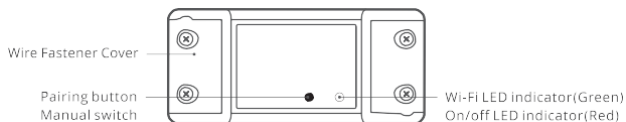
- 1 Long press Pairing button for 5s until the Wi-Fi LED indicator changes in a cycle of two short flashes and one long flash and release. Long press Pairing button for 5s again until the Wi-Fi LED indicator flashes quickly. Then, the device enters Compatible Pairing Mode.
- 2 Tap "+" and select "Add Device" then select "Compatible Mode" on APP. Select Wi-Fi SSID with ITEAD-***** and enter the password 12345678, and then go back to eWeLink APP and tap "Next". Be patient until pairing completes.

Specifications

Model	BASICR2/RFR2
Input	100-240V AC 50/60Hz 10A
Output	100-240V AC 50/60Hz Max. Load: 10A
Operating systems	Android & iOS
Wi-Fi	IEEE 802.11 b/g/n 2.4GHz
RF	433,92MHz
Material	PC V0
Dimension	88x39x24mm

ⓘ BASICR2 does not support the remote controller with 433.92MHz.

Product Introduction



ⓘ The device weight is less than 1 kg.
The installation height of less than 2 m is recommended.

Wi-Fi LED indicator status instruction

Wi-Fi LED indicator status	Status instruction
Flashes (one long and two short)	Quick Pairing Mode
Keeps on	Device is connected successfully
Flashes quickly	Compatible Pairing Mode
Flashes quickly once	Unable to discover the router
Flashes quickly twice	Connect to the router but fail to connect to Wi-Fi
Flashes quickly three times	Upgrading

4. Power on

Turn on/off the device from anywhere, schedule power on/off and share APP with your family to control.



Remote Control

Single/Countdown
Timing

Voice Control



Share Control



Smart Scene



Sync Status

433MHz Remote
Control

Camera Linking



Power-on State



LAN Control

RF Remote Controller Pairing

The RFR2 supports the remote controller with 433.92MHz frequency brand to turn on/off, and each channel can learn it independently, which is local short-range wireless control not Wi-Fi control.

Pairing Method:

Long press the configuration button for 3s until the red LED indicator flashes red once, then short press the remote control button you want to pair for successful learning.

Clearing Method:

Long press the configuration button for 5s until the red LED indicator flashes red twice, then short press the learned button corresponding to the remote controller to clear code values of all learned buttons.

Switch Network

If you need to change the network, long press the pairing button for 5s until the Wi-Fi LED indicator changes in a cycle of two short and one long flash and release, then the device enters quick pairing mode and you can pair again.



Factory Reset

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

Common Problems

Q: Why my device stays "Offline"?

A: The newly added device needs 1 – 2mins to connect Wi-Fi and network. If it stays offline for a long time, please judge these problems by the green Wi-Fi indicator status:

1. The green Wi-Fi indicator quickly flashes once per second, which means that the switch failed to connect your Wi-Fi:
 - ① Maybe you have entered a wrong Wi-Fi password.
 - ② Maybe there's too much distance between the switch your router or the environment causes interference, consider getting close to the router. If failed, please add it again.
 - ③ The 5G Wi-Fi network is not supported and only supports the 2.4GHz wireless network.
 - ④ Maybe the MAC address filtering is open. Please turn it off.

If none of the above methods solved the problem, you can open the mobile datanetwork on your phone to create a Wi-Fi hotspot, then add the device again.

2. Green indicator quickly flashes twice per second, which means your device has connected to Wi-Fi but failed to connect to the server.

Ensure steady enough network. If double flash occurs frequently, which means you access an unsteady network, not a product problem. If thenetwork is normal, try to turn off the power to restart the switch.

FCC compliance statement

1.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.

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

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.

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 distance of 20 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Scatola	Manuale	Borsa
PAP 21	PAP 22	LDPE 4
Carta	Carta	Plastica
RACCOLTA DIFFERENZIATA		
Verifica le disposizioni del tuo Comune. Separa le componenti e conferiscile in modo corretto.		

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.

ISED Notice

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

This Class B digital apparatus complies with Canadian ICES-003(B).

This device complies with RSS-247 of Industry Canada.

Operation is subject to the condition that this device does not cause harmful interference.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) L'appareil ne doit pas produire de brouillage;
- (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet appareil numérique de la Classe B conforme à la norme NMB-003(B) du Canada.

Cet appareil est conforme à la norme RSS - 247 d'Industrie

Canada. Le fonctionnement est soumis à la condition que cet appareil ne provoque pas d'interférences nuisibles.

ISED Radiation Exposure Statement

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme aux limites d'exposition aux rayonnements de la ISED établies pour un environnement non contrôlé.

Cet équipement doit être installé et fonctionner à au moins 20cm de distance d'un radiateur ou de votre corps.

Cet émetteur ne doit pas être co-localisé ou fonctionner en conjonction avec une autre antenne ou un autre émetteur.

Important Safety Instructions

1. CAUTION : Risk of electric shock, This product is not a toy and not intended for use by children. For adult use only.
2. The maximum ambient temperature during use of the appliance must not exceed 40°C.
3. The appliance is suitable for moderate climates only.
4. The ventilation must not be impaired by covering the appliance with items such as newspapers, table cloths, curtains, etc.
5. Naked flame sources, such as candles, must not be placed on the appliance.

SAR Warning

Under normal use of condition, this equipment should be kept a separation distance of at least 20 cm between the antenna and the body of the user.

Dans des conditions normales d'utilisation, cet équipement doit être maintenu à une distance d'au moins 20 cm entre l'antenne et le corps de l'utilisateur.

WEEE Disposal and Recycling Information



All products bearing this symbol are waste electrical and electronic equipment (WEEE as in directive 2012/19/EU) which should not be mixed with unsorted household waste. Instead, you should protect human health and the environment by handing over your waste equipment to a designated collection point for the recycling of waste electrical and electronic equipment, appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. Please contact the installer or local authorities for more information about the location as well as terms and conditions of such collection points.

EU Declaration of Conformity

Hereby, Shenzhen Sonoff Technologies Co., Ltd. declares that the radio equipment type BASICR2, RFR2 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/compliance/>.

For CE Frequency

EU Operating Frequency Range

Wi-Fi: 802.11 b/g/n20 2412-2472 MHz

802.11 n40: 2422-2462 MHz

SRD: 433.92MHz (RFR2, Receive Only)

EU Output Power

Wi-Fi 2.4G≤20dBm

SONOFF

Shenzhen Sonoff Technologies Co., Ltd.

3F & 6F, Bldg A, No. 663, Bulong Rd, Shenzhen, Guangdong, China

ZIP code: 518000

Website: sonoff.tech

Service email: support@itead.cc

MADE IN CHINA

