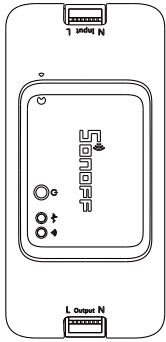




## Wi-Fi Smart Switch

Model : BASICR3  
Model : BASICRFR3

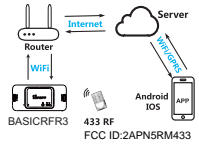


### Parameter:

Input : AC 100-240V 50/60Hz 10A Max  
Output : AC 100-240V 50/60Hz 10A Max  
Wi-Fi : IEEE 802.11 b/g/n 2.4GHz  
RF : 433.92MHz(BASICRFR3 supports)  
Material : PC V0  
Size : 91x43x25mm

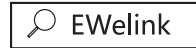
### Checklist before using the device

- Your smart phone or tablet has connected to a 2.4G WiFi with internet.
- You have the correct WiFi PWD.
- Your smart phone or tablet must have access to APP Store, Google Play.
- Your router is MAC-open.



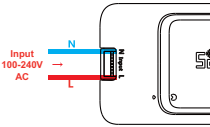
## User Guide

- Start with "EWelink" APP.



- Register an EWelink account.
- If you have EWelink account, just log in.
- Power up.

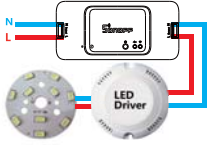
ON/OFF operating principle:  
The connected appliances work/stop through live wire power on/off.



### 4.1 Appliance wiring instruction.



### 4.2 Ceiling lamp wiring instruction.

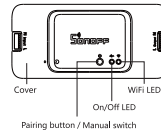


### 4.3 One wire wiring instruction.



\*Note: The SONOFF switch must be powered up by N and L wires.

- Keep pressing the button for 5s until led indicator fast blinks 3 times and repeats.



- Tap **+** on EWelink app.
- Select **Quick Pairing Mode (Touch)**.

- Input your WiFi password.
- Name your device.
- When the WiFi LED is on, the device is online.

\* BASICRFR3 supports controlled by 433MHz RF Remote controller. This function allows to turn on/off lights indoors, no WiFi needed.

### Learning:

Press the button on BASICRFR3 for 3s, the RED LED will blink once, then press the button of your 433MHz remote controller for a while. Sonoff RF can learn 14 buttons of 433MHz remote controllers.

### Clearing:

Press the button on Sonoff RF for 5s, the RED LED will blink twice, then press any button of your 433MHz remote controller for a while.

## TROUBLESHOOTING

### Q: Why my device stays Offline ?

A: The new added device needs 1min to connect to WiFi and the Internet. If it stays offline for a long time, please judge the problem by the WiFi LED status:

WiFi LED quickly blinks one time every second:

- Sonoff failed to connect to your WiFi:
- Maybe you have entered wrong WiFi password.
  - Sonoff is too far away from your WiFi. Please take it closer.
  - Sonoff can not be added to the 5G-wifi-router, only the 2.4G-wifi is OK.
  - Make sure your router is MAC-open. If still failed, try to open a mobile hot spot and add again.

WiFi LED quickly blinks twice every second:

Sonoff has connected to WiFi but failed to connect to server. Please check your network connectivity.

Scan the user guide to read EWelink works with Amazon Echo, Google Home and Google Nest tutorials.



Scan to download EWelink free APP



Scan to read the detailed user guide

## FCC Warning

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.  
This equipment 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 distance 20cm 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.