

SONOFF Basic/RF USER GUIDE

Hi, welcome to use Sonoff Basic or Sonoff RF!

1. Download “eWeLink” app.



Search “eWeLink” in APP Store for iOS version or Google play for Android version.

2. Follow below wiring instruction to connect the device.



Input Output

N ————N

L ————L

3. Add device

1. Power up the device after you complete the installation.
2. Press the button for 7 seconds until the green LED fast blinks. Due to this model has used different firmware and module, the led has two blinking ways.

Open eWeLink app, click”+”, you’ll see the pairing icons. Please select the pairing mode according to below instructions:

If the led blinks like this:  please select **Quick Pairing Mode (TOUCH)**, tap **Next**.

If the led blinks like this: 

- a. If the device firmware is **1.6.0 or higher**, please select **Quick Pairing Mode (TOUCH)**. Otherwise, it will fail to add the device. Click **Next**.
 - b. If the firmware of above models is **lower than 1.6.0**, please select **Compatible Pairing Mode (AP)** icon, click **Next**. iOS users should go to Phone Setting>WiFi>connect the WiFi begins with ITEAD-*****, enter default password 12345678. Go back to eWeLink, click next.
3. It will auto-search and connect smart home device around you.



4. Input your home SSID & password:

4.1 If no password, keep it blank.

4.2 Now eWeLink only support 2.4G WiFi communication protocol, 5G-WiFi is not supported.



5. Name the device to complete.

Maybe the device is “Offline” on eWeLink, for the device needs 1 minute to connect to your router and server. When the green LED on, the device is “Online”, if eWeLink shows still “Offline”, please close eWeLink and re-open.

3. 433MHz remote control (Sonoff RF module)

For the old models that deliver before June 1st, 2018, please learn as below:

3.1. Learning:

For the old models that deliver before June 1st, 2018, please learn as below:



Fast press the black button on Sonoff RF twice, the red LED blinks once, then press one of the buttons of your RF controller to set pairing for 1-2 second.

Note: One Sonoff RF can be learned with only one button of the 433MHz RF Remote.

For the new models that deliver on and after June 1st, 2018, please learn as below:

Press and hold the black button of Sonoff RF for 3s, you see the red led blinks once. Press a button on RF Remote, and it will be learned successfully.

Note: One Sonoff RF can learn with 14 RF Remote buttons. The 15th RF button will cover the first button that has been learned.

3.2. Clear coding:

For the old models that deliver before June 1st, 2018, please clear as below:



Fast press the black button on Sonoff RF for three times, the red LED is on for 3s, that means the RF controller code has been cleaned. If you failed to pair, please try to clean first.

For the new models that deliver on and after June 1st, 2018, please clear as below:

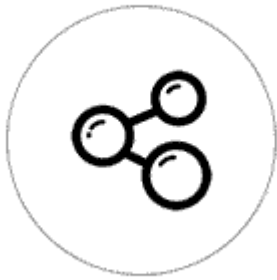
Press and hold the black button of Sonoff RF for 5s, you see the red led blinks twice. Press the button on the RF Remote, the code will be cleared.

4. APP features

1. WiFi remote control and device state

Turn on/off by tapping on device icon. Device state always simultaneous display on APP.

2. Share Control



The owner can share the devices to other eWeLink accounts. While sharing devices, both should stay online on eWeLink. Because if the account you want to share is not online, he/she will not receive the invitation message.

How to make it possible? Firstly click Share, input the eWeLink account (phone number or email address) you want to share, tick the timer permissions (edit/delete/change/enable) you want to give, then click Next. The other account will receive an invitation message. Click Accept, the device has shared successfully. The other user will have access to control the device.

3. Timing



Support max 8 enabled single/repeat/countdown timing schedules each device.

4. Set default power on status



In **Device Setting**, you can set default device status: **ON** or **OFF** when the device is power on.

5. Scene/Smart Scene

Scene allows triggering on/off your devices automatically. Scene Settings is in the upper right corner of Device List. You can set up scenes or smart scenes to trigger on/off the device.

Users should select “Click to execute” in the condition, add different existing devices, name the scene and save it.

6. Security mechanism

One device one owner. Other people can not add the devices that have already been added. If you want to add your device to another account, don't forget to delete it first.

7. Update

It will auto-remind you of new firmware or version. Please update as soon as you can.

5. Problems and solutions

Read the detailed [FAQ](#) on Itead Smart Home Forum. If below answers can't solve your problem, please submit a feedback on eWeLink.

1. My device has added successfully but stays “Offline”.

Answers: The newly added device need 1-2 min to connect to your router and the Internet. If it stays offline for a long time, please judge the problem by the green led status:

1.1. Green led quickly blinks one time and repeats, which means device failed to connect to the router. The reason may be you have entered wrong WiFi password or your device is too far away from the router, which causes a weak WiFi signal. The device can not be added to the 5G-wifi-router, only the 2.4G-wifi is OK. At last, make sure that your router is MAC-open.

1.2. Green led slowly blinks one time and repeats, which means the device has connected to router and server but failed to be added to the device list. Then power on the device again, if it still not working, just add the device again.

1.3. Green led quickly blinks twice and repeats, this means the device has connected to the router but failed to connect to the server. Then please confirm your WiFi router works normally.

2. Why the APP can't find the device in pairing status?

Answers: That's because of your phone's cache. Please close the WLAN of your phone then open it after a minute. At the same time, please power off the device if you can, then power up to try again.

3. My WiFi is expired, can I connect the devices to LAN?

Answers: the Sonoff Basic and Sonoff RF support to be controlled by LAN(Update in 15/10/2017, LAN function has been stopped).

4. The green led keeps off, even if the device is powered on. Press the button but the device does not work.

Answers: The circuit may be broken, please send it back for testing. Return shipping postage and packaging will be at buyer's expense, if the device is damaged by the buyer, and the buyer should bear extra repair cost.