

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

- › [SONOFF](#) /
- › [SONOFF Basic R2 Smart WiFi Wireless Light Switch User Manual](#)

SONOFF BASICR2

SONOFF Basic R2 Smart WiFi Wireless Light Switch User Manual

Brand: SONOFF | Model: BASICR2

PRODUCT OVERVIEW

The SONOFF Basic R2 is a smart WiFi wireless light switch module designed for DIY smart home automation solutions. It allows you to control your home appliances remotely via the eWeLink app, voice commands through Amazon Alexa and Google Home, and set up various schedules and smart scenes. This compact device integrates seamlessly into your existing electrical system to bring smart functionality to your lights and other devices.



Image: Four SONOFF Basic R2 smart WiFi switches, showcasing the compact design of the product.

SETUP AND INSTALLATION

1. Safety Precautions

Before beginning any installation, ensure the main power supply is turned off at the circuit breaker to prevent electrical shock. Always consult a qualified electrician if you are unsure about any wiring procedures.

2. Wiring Instructions

The SONOFF Basic R2 is designed for simple integration. Connect the Live (L) and Neutral (N) wires from your power source to the "INPUT" terminals of the device. Then, connect the Live (L) and Neutral (N) wires of your appliance (e.g., light fixture) to the "OUTPUT" terminals. Ensure all connections are secure.

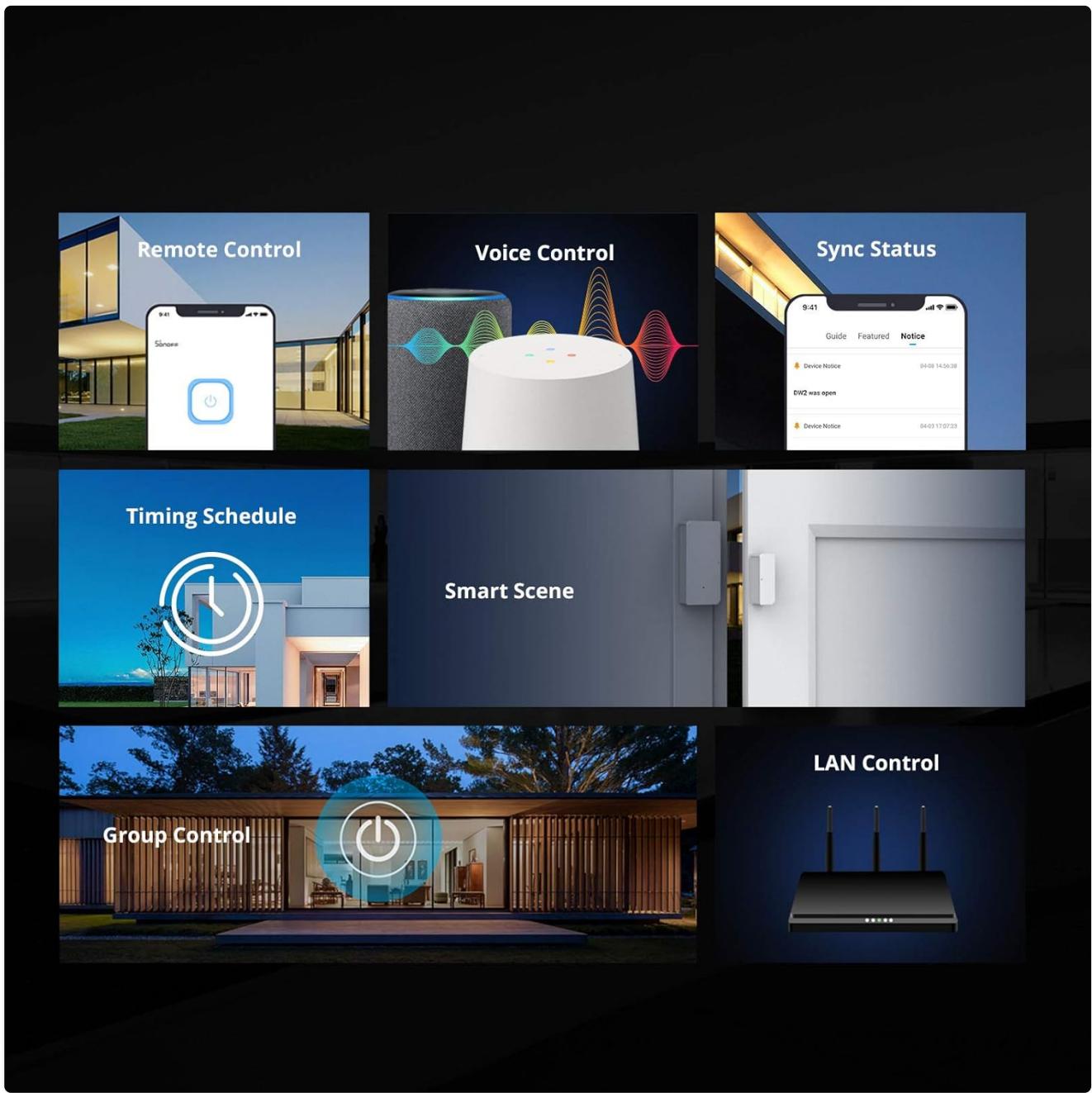


Image: A SONOFF Basic R2 module with input and output wires connected to a light fixture, illustrating the wiring process.

3. APP Installation and Device Pairing

To control your SONOFF Basic R2, you need to install the eWeLink app on your smartphone. The device supports 2.4GHz WiFi networks only. Ensure your router is set to 2.4GHz for pairing.

1. Download the eWeLink app from the App Store (iOS) or Google Play Store (Android).
2. Register and log in to your eWeLink account.
3. Power on the SONOFF Basic R2.
4. Long press any configuration button on the device for approximately 5-7 seconds until the WiFi LED indicator changes to a cycle of two short flashes and one long flash. This indicates the device is in pairing mode.
5. In the eWeLink app, tap the "+" icon to add a new device.
6. Select "Quick Pairing" and follow the on-screen prompts to connect the device to your 2.4GHz WiFi network.
7. Once successfully added, you can name your device and assign it to a room.

Your browser does not support the video tag.

Video: Demonstrates the pairing process for the SONOFF BASICR2 Smart Switch with the eWeLink app, including how to put the device into pairing mode and connect it to your WiFi network.

OPERATING INSTRUCTIONS

1. Remote Control via eWeLink App

Once paired, you can control your SONOFF Basic R2 from anywhere using the eWeLink app. Simply tap the power icon on the device interface within the app to turn the connected appliance on or off. The app also displays the real-time status of your device.

Do You Want to Do with Your Voice

Release your hands to simplify daily routines.
Works with Alexa & Google Home to make you control the device connected with RFR2 through your voice



Image: Screenshot of the eWeLink app interface highlighting features like remote control, voice control, and device sync status.

Smart Life, As from Simple Retrofit

Engineered to make home appliances smart, ready to control your home from afar.

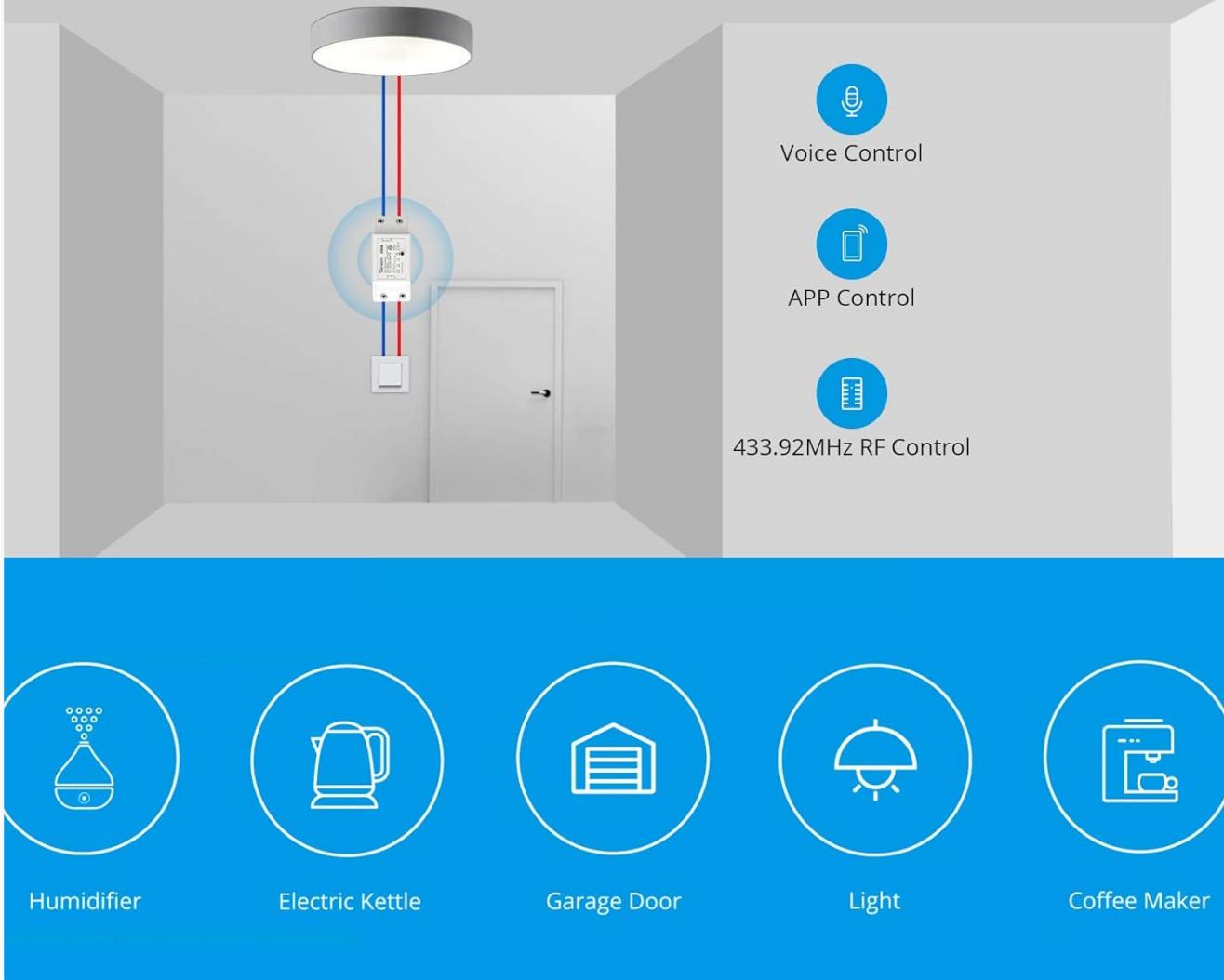


Image: A hand holding a smartphone displaying the eWeLink app, with a lamp in the background, demonstrating real-time device status synchronization.

2. Voice Control

The SONOFF Basic R2 is compatible with Amazon Alexa and Google Home. Link your eWeLink account to your voice assistant to enable hands-free control of your connected devices. For example, you can say, "Alexa, turn on the living room light," or "Hey Google, turn off the fan."

Manage A Group of Devices with A Tap

Organize SONOFF smart devices into a group for unified control with a single tap on your smartphone.

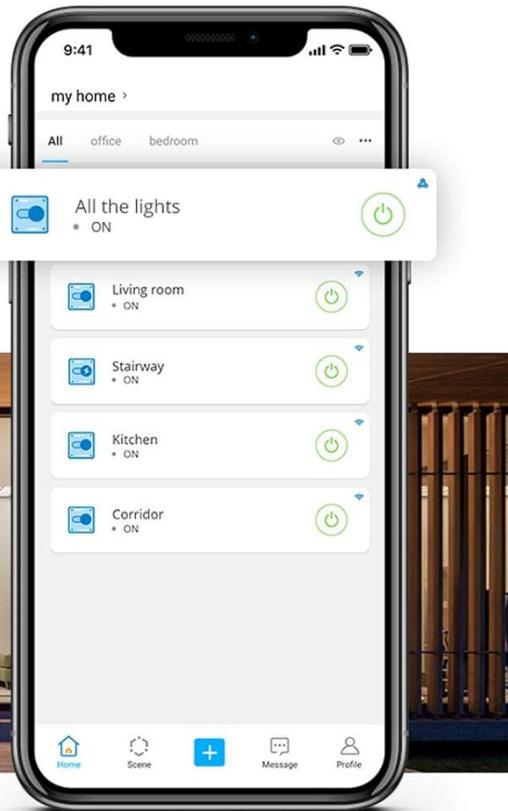
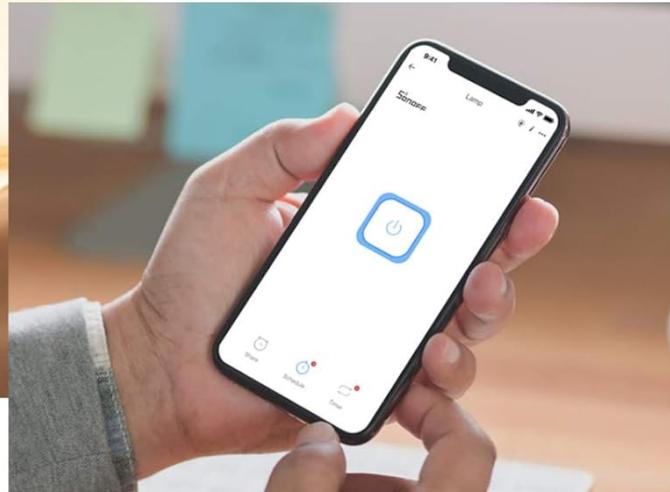


Image: A SONOFF Basic R2 device positioned alongside Amazon Echo and Google Home smart speakers, illustrating its compatibility with voice control platforms.

3. Scheduling and Timers

Automate your home appliances by setting up schedules and timers within the eWeLink app. You can choose from scheduled timing (specific on/off times), countdown timing (turn off after a set duration), or loop timing (repeated on/off cycles).

Sync Device Status on APP



Not sure if the light is off while you leave home? Immediately access the APP to check the status and turn off it.

Image: An illustration of a smart home with a clock overlay, symbolizing the ability to create and manage timing schedules for automated device control.

4. Smart Scenes and Group Control

Create custom smart scenes to automate multiple devices with a single command or trigger. For instance, a "Good Morning" scene could turn on your bedroom light and coffee maker simultaneously. You can also group multiple SONOFF devices together for unified control, allowing you to turn all lights in a room on or off with one tap.



Tap to perform



Timer



Sunrise/Sunset



Smart Device

Image: A smartphone screen displaying the eWeLink app with a "Group Control" interface, showing multiple smart devices organized for unified control.

5. LAN Control

The LAN control function allows you to operate your SONOFF Basic R2 even when your internet connection is down. Ensure your smartphone, the SONOFF device, and your router remain connected to the same local area network (LAN) for this feature to work.

Your browser does not support the video tag.

Video: An animated overview of various SONOFF smart home devices and their functionalities, including app control, voice control, and smart scene capabilities.

MAINTENANCE

To ensure optimal performance and longevity of your SONOFF Basic R2, follow these maintenance guidelines:

- Keep the device clean and free from dust. Use a dry, soft cloth for cleaning.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Regularly check the eWeLink app for firmware updates to ensure your device has the latest features and security enhancements.
- Ensure all electrical connections remain secure.

TROUBLESHOOTING

If you encounter issues with your SONOFF Basic R2, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device offline in app	No internet connection, WiFi signal weak, incorrect WiFi password.	<ul style="list-style-type: none">• Check your router and internet connection.• Ensure the device is within range of your 2.4GHz WiFi network.• Re-pair the device if necessary, ensuring correct WiFi credentials.
Pairing failure	Incorrect WiFi frequency (5.0GHz not supported), device not in pairing mode.	<ul style="list-style-type: none">• Confirm your router is broadcasting a 2.4GHz WiFi signal.• Ensure the device's WiFi LED indicator is flashing in the correct pairing pattern (two short, one long).• Try moving the device closer to the router during pairing.
Device not responding to commands	Power issue, app glitch, device malfunction.	<ul style="list-style-type: none">• Check if the device has power.• Restart the eWeLink app.• Perform a factory reset on the device (refer to pairing instructions for long press) and re-pair.

Important Note: The router must be 2.4GHz (5.0 GHz WiFi is not supported). There is no limitation for smartphone network (2G/3G/4G/WiFi network is okay). Use LAN control function to turn on/off the device when WiFi can't access the Internet. Remember to keep WiFi connection among the router, SONOFF device and eWeLink app when using LAN.

PRODUCT SPECIFICATIONS

Brand	SONOFF
-------	--------

Model Number	BASICR2
Product Dimensions	1.65 x 3.54 x 4.33 inches; 8.15 ounces
Current Rating	10 Amps
Operating Voltage	120 Volts
Connector Type	Wireless
Operation Mode	Automatic, Automatically, Off
Manufacturer	SONOFF
Country of Origin	China

WARRANTY AND SUPPORT

For warranty information, please refer to the official SONOFF website or contact your retailer. For technical support, product inquiries, or further assistance, please visit the official SONOFF support page or contact their customer service directly.

You can also find the official User Manual PDF[here](#).