

SONOFF BASICR2

SONOFF Basic R2 10A Smart WiFi Wireless Light Switch User Manual

Model: BASICR2 | Brand: SONOFF

INTRODUCTION

The SONOFF Basic R2 is a smart WiFi wireless light switch designed to integrate seamlessly into your smart home system. It allows you to control connected appliances and lighting remotely via the eWeLink app or through voice commands. This manual provides detailed instructions for installation, operation, and troubleshooting to ensure optimal performance and safety.

SAFETY INFORMATION

- **WARNING:** Risk of electric shock. Installation should be performed by a qualified electrician.
- Ensure power is disconnected at the circuit breaker before installation or maintenance.
- Do not expose the device to moisture or extreme temperatures.
- Operate within the specified electrical ratings (10A, 120V, 2200W).
- Keep out of reach of children.

SPECIFICATIONS

Parameter	Value
Model	BASICR2
Brand	SONOFF
Current Rating	10 Amps
Operating Voltage	120 Volts
Wattage	2200 watts
Connectivity Protocol	Wi-Fi

Control Method	Voice, App
Item Dimensions (L x W x H)	3.46 x 1.54 x 0.94 inches
Material	Plastic
International Protection Rating	IP00
Specification Met	CE, FCC

KEY FEATURES

- **Remote Control:** Control devices from anywhere using the eWeLink app.
- **Voice Control:** Compatible with Amazon Alexa and Google Assistant for hands-free operation.
- **Timing Schedules:** Set schedules and timers for automatic on/off control.
- **Smart Scenes:** Create custom automation scenarios with other smart devices.
- **Device Sync Status:** Check the real-time status of your devices in the app.
- **Group Control:** Manage multiple SONOFF devices simultaneously with a single tap.

INSTALLATION GUIDE

1. Wiring Instructions

Important: Ensure the main power supply is turned off at the circuit breaker before beginning any wiring. Incorrect wiring can cause damage to the device or electrical shock.

1. Identify the Live (L) and Neutral (N) wires from your power source and to your appliance/light.
2. Connect the Live (L) input wire to the "INPUT L" terminal on the SONOFF Basic R2.
3. Connect the Neutral (N) input wire to the "INPUT N" terminal on the SONOFF Basic R2.
4. Connect the Live (L) output wire (to your appliance/light) to the "OUTPUT L" terminal on the SONOFF Basic R2.
5. Connect the Neutral (N) output wire (to your appliance/light) to the "OUTPUT N" terminal on the SONOFF Basic R2.
6. Ensure all connections are secure.

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 BASICR2 through your voice



Image: The SONOFF Basic R2 module showing input and output wiring terminals. Always refer to the labels on the device for correct connections.

2. App Download and Device Pairing

The SONOFF Basic R2 uses the eWeLink app for smart control. Download the app from your device's app store (iOS or Android).

1. After wiring, restore power to the device.
2. Open the eWeLink app and log in or register a new account.
3. To enter pairing mode, press and hold any configuration button on the SONOFF Basic R2 for approximately 5-7 seconds until the Wi-Fi LED indicator changes to a cycle of two short flashes and one long flash.
4. In the eWeLink app, tap the "+" icon to add a device and select "Quick Pairing".
5. Follow the on-screen prompts to connect the device to your 2.4GHz Wi-Fi network. (Note: The device only supports 2.4GHz Wi-Fi).
6. Once successfully paired, you can name your device and assign it to a room.

Your browser does not support the video tag.

Video: This video demonstrates the process of pairing the SONOFF Basic R2 with the eWeLink app, including how to put the device into pairing mode and complete the connection steps.

OPERATING INSTRUCTIONS

1. App Control (eWeLink)

After successfully pairing your SONOFF Basic R2, you can control it directly from the eWeLink app.

- On the app's home screen, tap on the device name (e.g., "BASICR2") to access its control interface.

- Tap the large power icon to toggle the connected appliance/light ON or OFF.

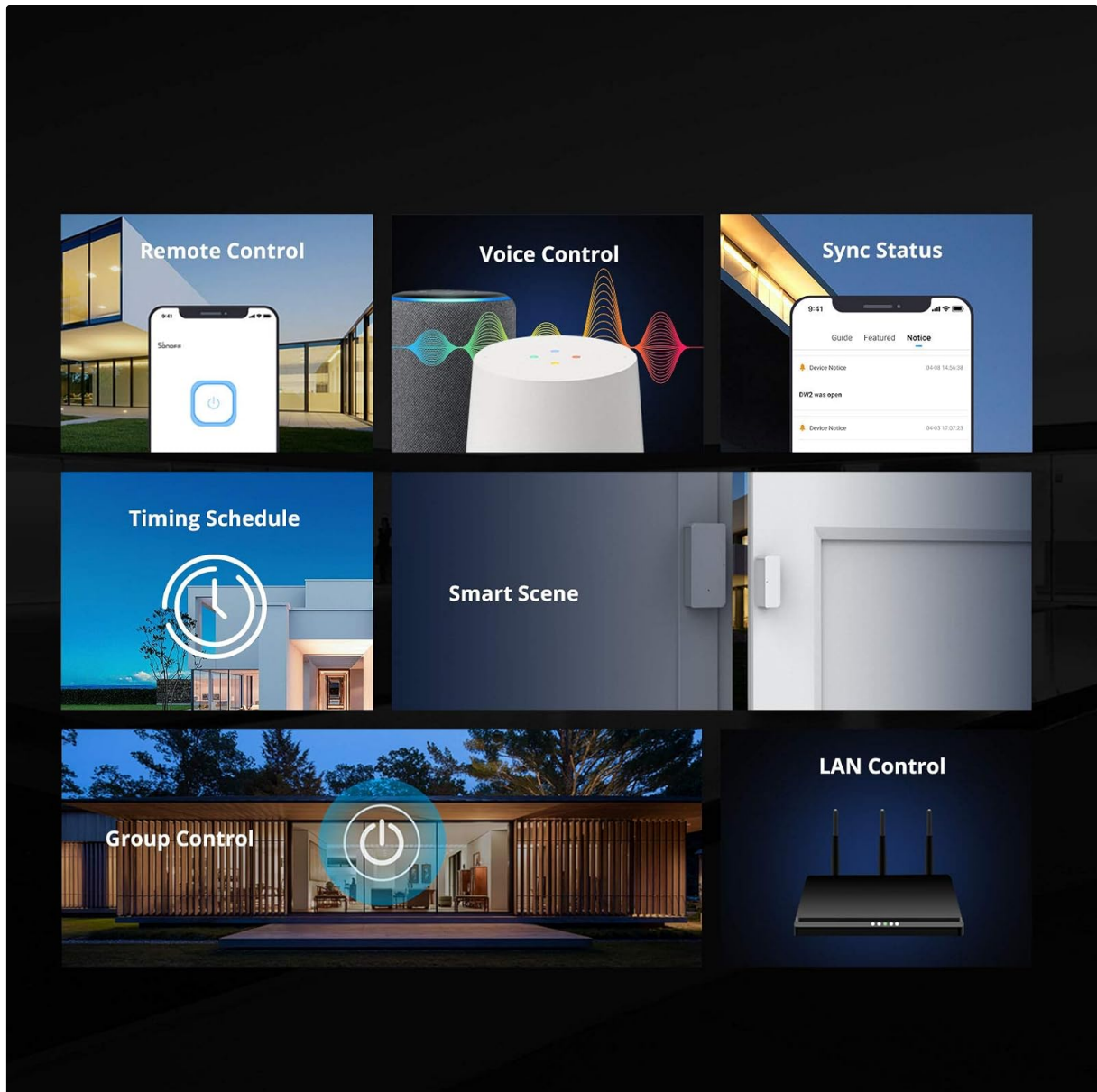


Image: The eWeLink app displaying the remote control interface for a connected device, showing the power toggle button.

2. Voice Control

The SONOFF Basic R2 is compatible with popular voice assistants. Link your eWeLink account to your Amazon Alexa or Google Assistant account to enable voice commands.

- Once linked, you can use commands such as:
- "Alexa, turn on [device name]"
- "Hey Google, turn off [device name]"

Smart Life, As from Simple Retrofit

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

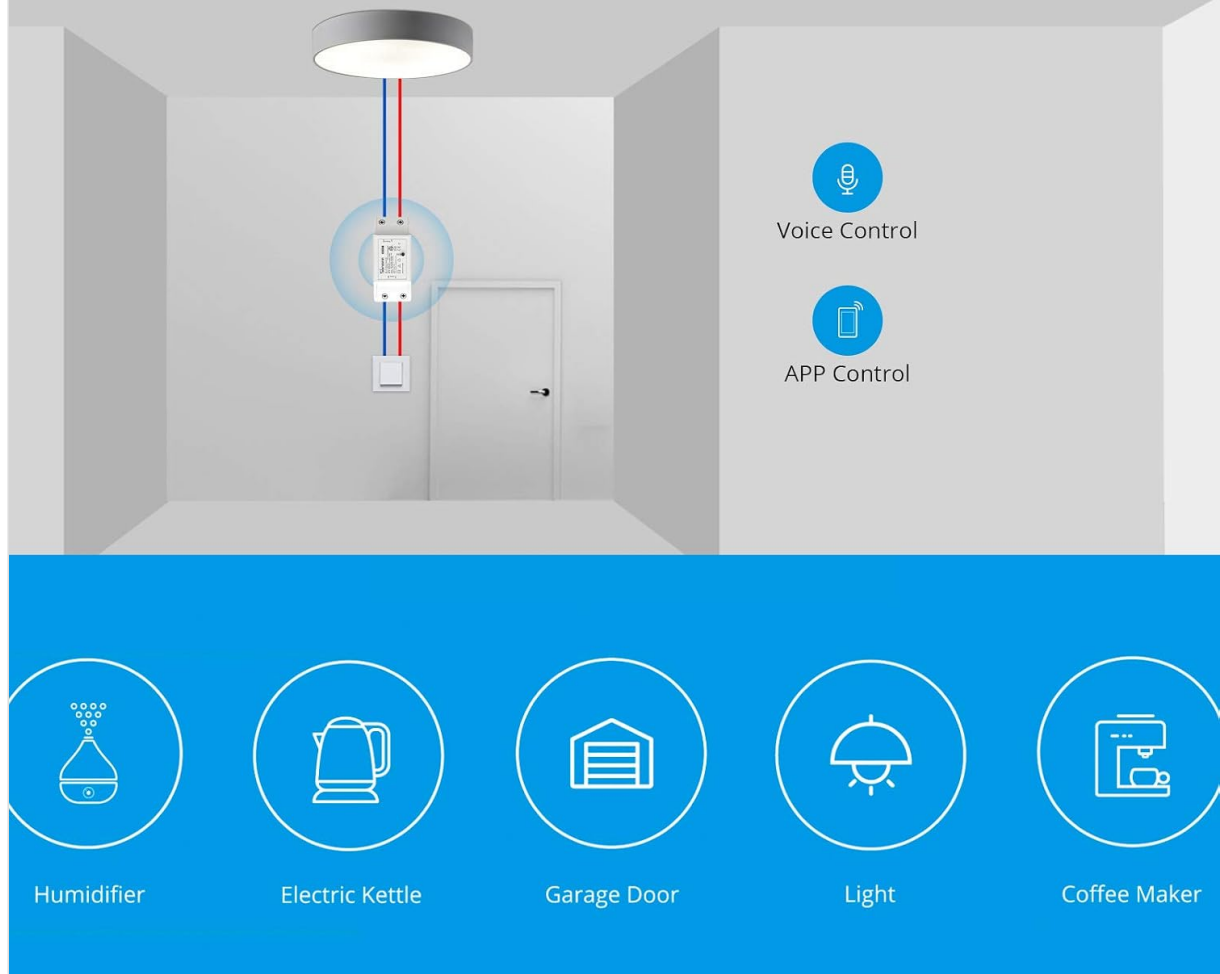


Image: Amazon Alexa and Google Home devices illustrating voice control capabilities for smart switches.

3. Timing Schedules

Set up schedules to automate your devices. This feature allows you to turn devices on or off at specific times or based on sunrise/sunset.

- In the device control interface within the eWeLink app, navigate to the "Schedule" or "Timer" section.
- Add new timers or countdowns for automated operation.

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: The eWeLink app showing options for creating timing schedules, including 'Tap to perform', 'Timer', 'Sunrise/Sunset', and 'Smart Device'.

4. Group Control

Manage multiple SONOFF devices simultaneously by organizing them into groups within the eWeLink app.

- From the app's home screen, you can create groups for devices in the same room or for specific functions (e.g., "All Lights").
- Control the entire group with a single tap.

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.

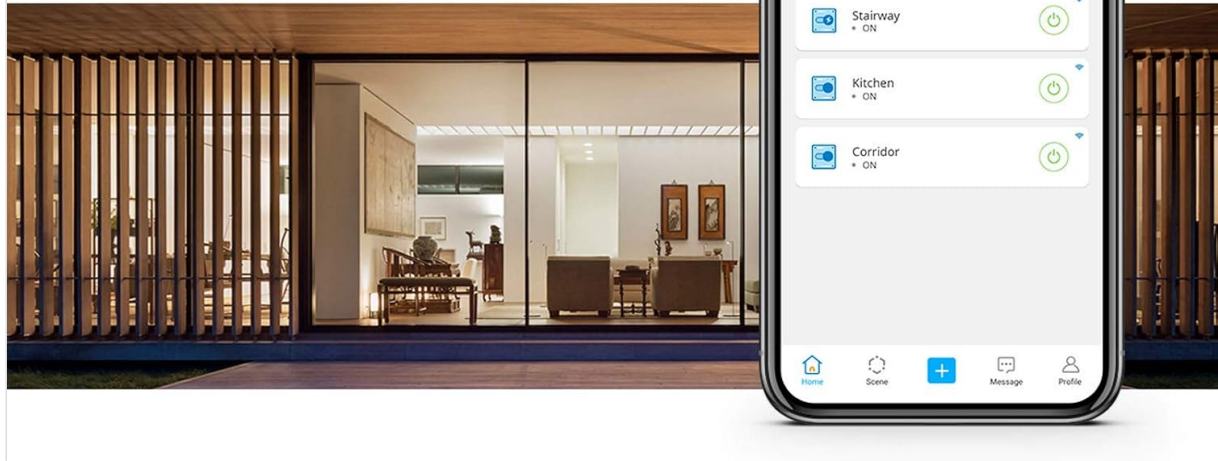
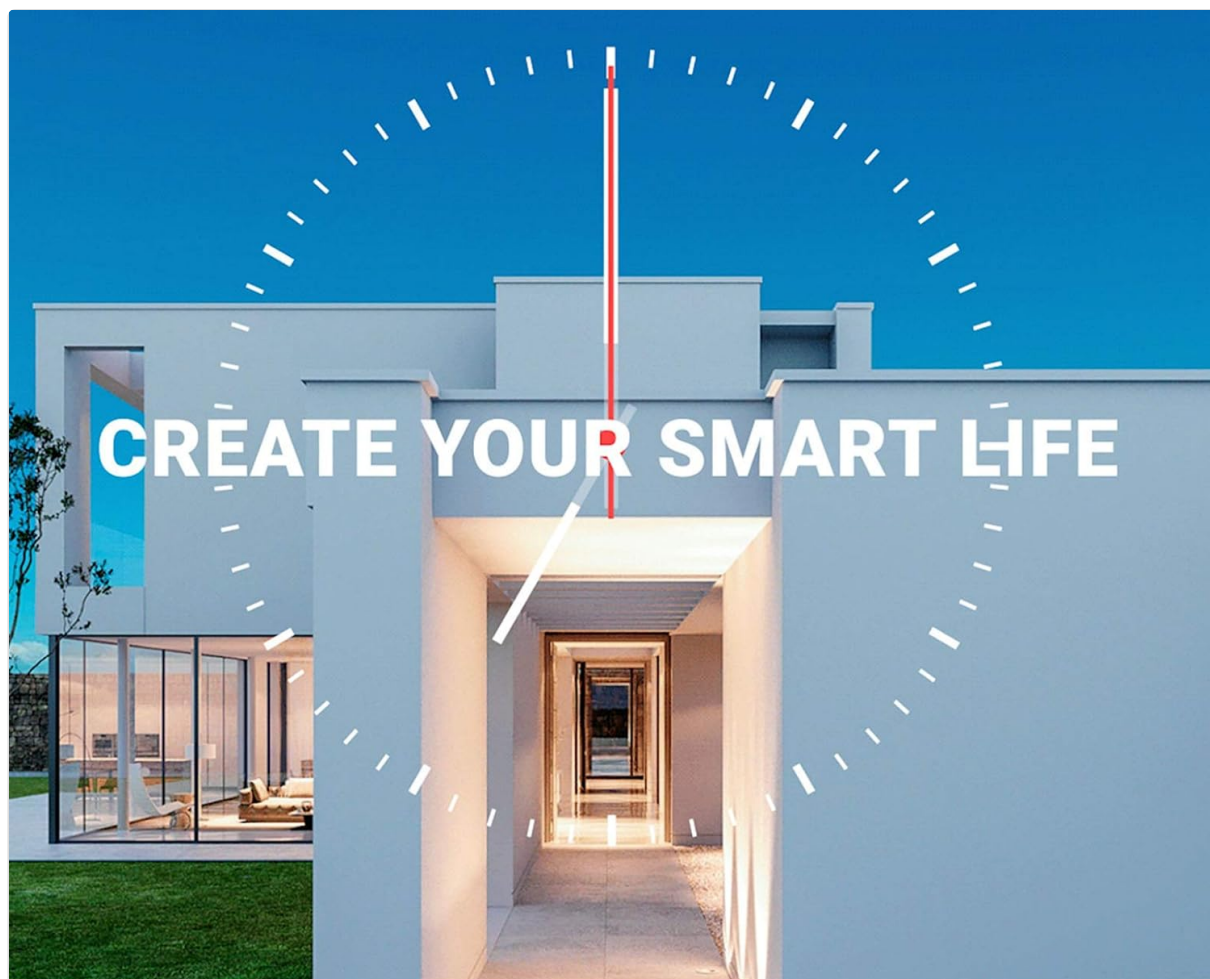


Image: The eWeLink app demonstrating group control, allowing users to organize and manage multiple smart devices from a single interface.

5. Sync Device Status

The eWeLink app provides real-time status updates for your connected devices, allowing you to verify if a device is on or off from anywhere.

- Simply open the eWeLink app to view the current status of all your paired devices.



Tap to perform



Timer



Sunrise/Sunset



Smart Device

Image: A visual representation of the eWeLink app displaying the sync status of a device, indicating whether it is currently on or off.

MAINTENANCE

- Keep the device clean and free from dust. Use a dry, soft cloth for cleaning.
- Do not use chemical cleaners or solvents.
- Regularly check wiring connections for tightness and signs of wear.
- Ensure your eWeLink app and device firmware are updated to the latest versions for optimal performance and security.

TROUBLESHOOTING

Problem	Possible Cause / Solution
Device not powering on	Check main power supply and wiring connections. Ensure the circuit breaker is ON.

Unable to pair device	◦ Ensure the device is in pairing mode (Wi-Fi LED flashing two short, one long). ◦ Verify your Wi-Fi network is 2.4GHz. ◦ Check Wi-Fi password accuracy. ◦ Move the device closer to the Wi-Fi router. ◦ Restart your router and try again.
Device offline in app	◦ Check your home Wi-Fi network status. ◦ Ensure the device has power. ◦ Restart the device by cycling its power.
Voice control not working	◦ Verify eWeLink account is correctly linked to Alexa/Google Assistant. ◦ Check device name for conflicts or complex characters. ◦ Ensure your voice assistant device is online and functioning.

WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please refer to the official SONOFF website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Official Website: www.sonoff.com