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SONOFF R5W

SONOFF Wireless Universal Scene Remote Control User Manual

Model: R5W | Brand: SONOFF

Introduction

The SONOFF R5W Wireless Universal Scene Remote Control is designed to enhance your smart home automation experience. This multi-channel remote allows you to control various SONOFF devices and set up customized scenes without the need for complex wiring. It functions as a sub-device within the eWeLink ecosystem, requiring a compatible eWeLink-Remote gateway for full functionality.
Its versatile design allows for both fixed wall mounting and portable use, offering convenience and flexibility in managing your smart devices.

Key Features

- **eWeLink-Remote Gateway Requirement:** Operates as a sub-device, requiring a SONOFF "eWeLink-Remote" gateway (e.g., T5, M5, NSPanelPro, DualR3, MiniR4, S40, B05) to control other Zigbee or WiFi devices via the eWeLink APP.
- **Customized Scene Control:** Create smart scenes via the eWeLink APP to control all SONOFF devices. Offline control of paired devices is possible within a 90M range through the eWeLink-Remote gateway function.
- **18 Trigger Modes:** Each of the 6 smart buttons supports single-click, double-click, and long-press actions, enabling up to 18 different device triggers for comprehensive home automation.
- **Dual-control Mode:** Achieve two-way or multi-way control when paired with devices like the M5 smart wall switch, allowing the R5 and M5 to control the same light simultaneously.
- **No-Wiring Installation:** Easy installation with 3M adhesive or magnetic accessory for wall mounting, or use as a portable remote.

Setup and Pairing

The SONOFF R5W must be paired with a compatible eWeLink-Remote gateway device to function. Follow these steps to add your R5W to the eWeLink app and set up scene control.

Adding the R5W to eWeLink

1. Ensure your eWeLink-Remote gateway device (e.g., SONOFF M5) is already set up and connected in the eWeLink app.
2. Open the eWeLink app and navigate to the settings interface of your eWeLink-Remote gateway device.

3. Look for and click on "eWeLink-Remote sub-devices" and then select "Add".
4. The app will prompt you to trigger any button on the R5W. Press any button on your R5W to complete the pairing process.
5. Once successfully added, the R5W will appear in your device list.

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Video: Demonstrates how to add the SONOFF R5W to the eWeLink app and set up scene control with a compatible gateway device like the M5-1C. It shows the process of entering device settings, adding a sub-device, triggering a button on the R5W for successful pairing, and then configuring a scene.

Setting Up Scene Control

1. In the eWeLink app, navigate to the "Scene" section.
2. Create a new scene and set the R5W as the trigger condition. You can specify single-click, double-click, or long-press for each button.
3. Define the actions that will occur when the R5W button is triggered (e.g., turn on/off a light, activate another smart device).
4. Save the scene. The R5W will now control the specified devices or scenes.

The Conductor of Smart Life

Too many smart devices are distributed in different rooms, but don't want to control them using your phone? After setting thescene in the eWeLink APP, you can use R5 to control the smart devices in each room.

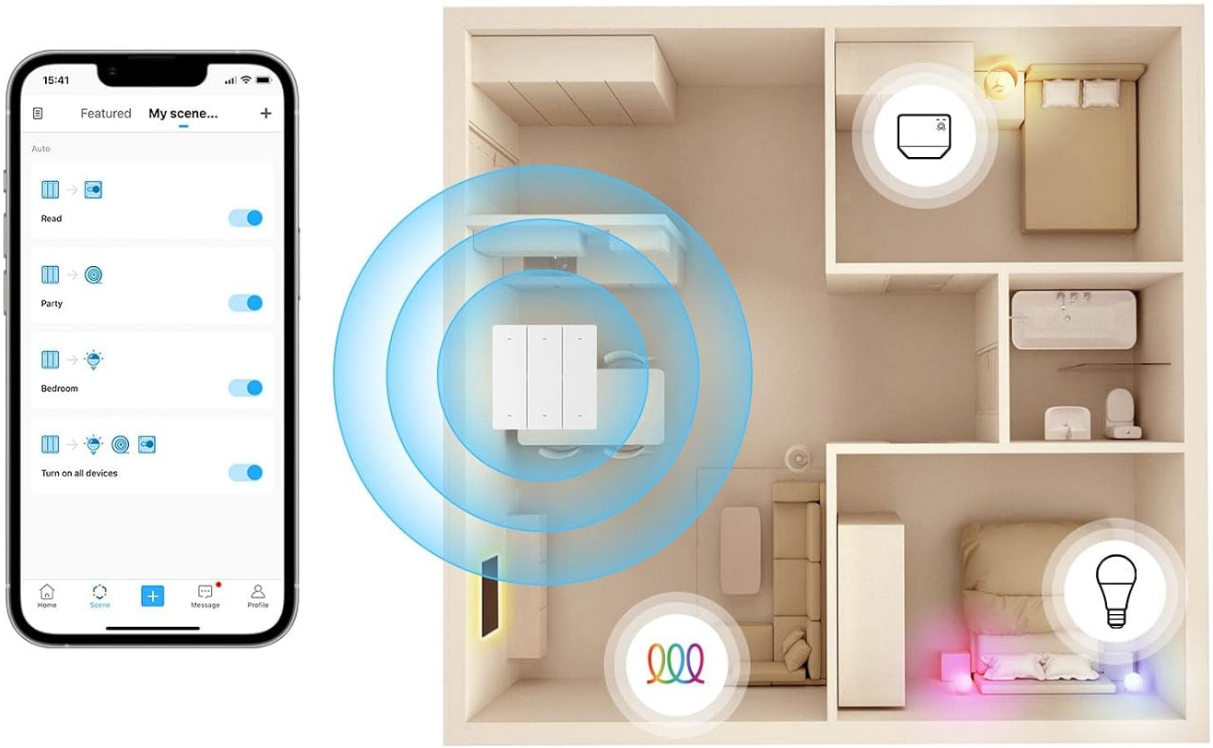

Image: An illustration showing the SONOFF R5W acting as a central controller for various smart devices across different rooms, managed through the eWeLink app. This highlights its role as a "Conductor of Smart Life" for distributed smart devices.

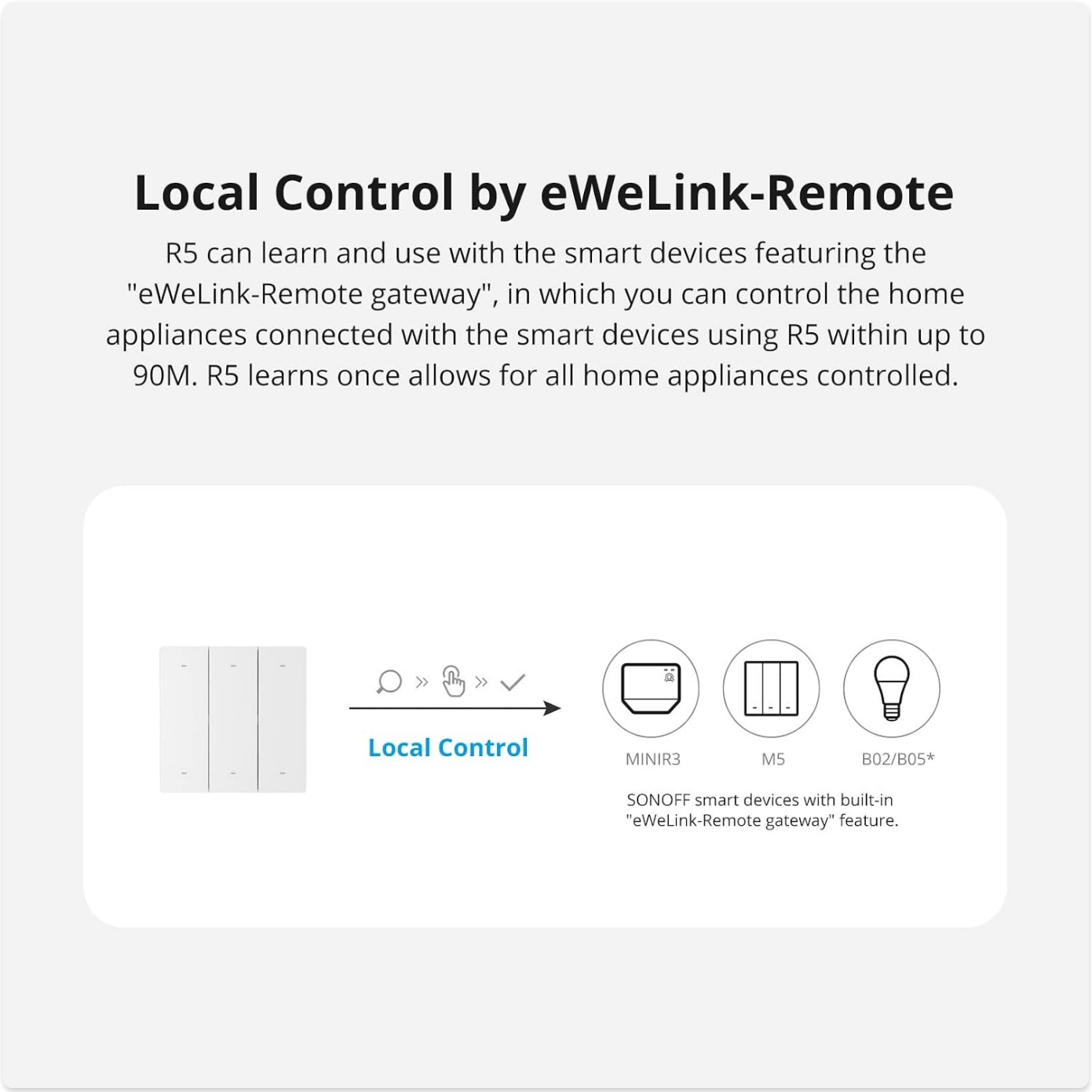

Image: A diagram illustrating how the SONOFF R5W can locally control other SONOFF smart devices (like MINIR3, M5, B02/B05 smart bulbs) that feature the "eWeLink-Remote gateway" function, allowing control within 90 meters even without an internet connection.

Operating the R5W

The R5W offers flexible control options through its multi-button design and various press actions.

Trigger Modes

- **Single-Click:** A quick press and release of a button.
- **Double-Click:** Two quick presses of a button in succession.
- **Long-Press:** Press and hold a button for a few seconds.

Each of the six buttons can be assigned a unique action for each of these three trigger modes, providing up to 18 distinct control possibilities.

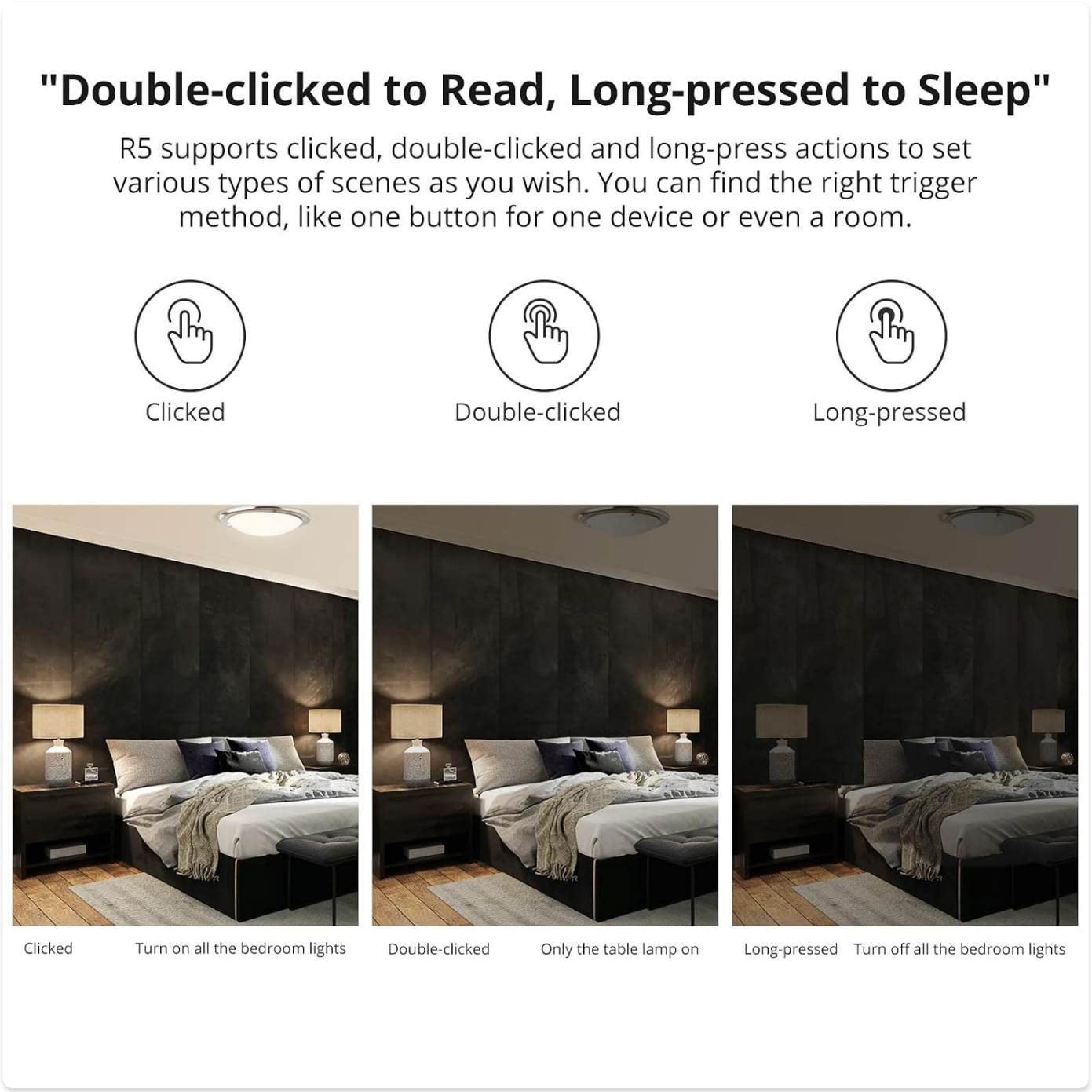

Image: Illustrates the three primary trigger modes of the R5W: single-click, double-click, and long-press. Examples show how these can be used to control lights, such as turning all bedroom lights on (clicked), only the table lamp on (double-clicked), or turning all bedroom lights off (long-pressed).

Dual-Control Functionality

The R5W can be used in conjunction with other SONOFF devices, such as the M5 Smart Wall Switch, to create a dual-control setup. This allows you to control the same light or device from two different locations without traditional wiring.



Image: A visual representation of how the SONOFF R5W and a SONOFF M5 Switchman Smart Wall Switch can both control the same light fixture, demonstrating a wireless two-way or multi-way control setup, eliminating the need for complex wiring.

Maintenance

Battery Replacement

The R5W is powered by two CR2032 3V button cell batteries. These batteries are included and provide a long operational life, estimated at 2 years based on laboratory data of switching on and off 10 times a day.

To replace the batteries, carefully remove the back cover of the R5W. Replace the old batteries with new CR2032 batteries, ensuring correct polarity, then reattach the cover.



Image: Displays the SONOFF R5W's internal structure, highlighting the battery compartment for two CR2032 button cell batteries. The image also indicates a long battery life of 2 years under typical usage conditions and shows various installation scenarios (wall-mounted, portable).

Cleaning

Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.

TROUBLESHOOTING

If you encounter issues with your SONOFF R5W, refer to the following common problems and solutions:

- **R5W not pairing or adding to eWeLink:**
  - Ensure you have a compatible eWeLink-Remote gateway device (e.g., T5, M5, NSPanelPro, DualR3, MiniR4, S40, B05) and that it is properly set up in the eWeLink app. The R5W is a sub-device and cannot be added directly without a gateway.
  - Follow the pairing steps precisely as described in the "Setup and Pairing" section, ensuring you trigger a

button on the R5W when prompted by the app.
    - Check the battery level of the R5W. Low battery can prevent successful pairing.
- **R5W not controlling devices:**
    - Verify that the R5W is successfully paired with your eWeLink-Remote gateway.
    - Confirm that the smart scenes in the eWeLink app are correctly configured with the R5W as the trigger and the desired devices as actions.
    - Ensure the target devices are online and responsive within the eWeLink app.
    - For offline control, ensure the R5W is within the 90M range of its paired eWeLink-Remote gateway.
- **Limited functionality with third-party devices:**
    - The R5W is primarily designed for use within the eWeLink ecosystem. While it can create scenes with other devices in the eWeLink app, it does not directly support third-party devices for direct control at this time.

Specifications

Attribute	Value
Product Dimensions	3.39 x 3.39 x 1.61 inches; 3.84 ounces
Item Model Number	R5W
Manufacturer	SONOFF
Operation Mode	Automatic
Current Rating	30 Milliamps
Operating Voltage	6 Volts
Contact Type	Normally Closed
Connector Type	Paste
Terminal	Paste
Circuit Type	2-way
Actuator Type	Push Button

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.
Manufacturer: SONOFF

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