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SMATRUL 768561056835

SMATRUL Smart Wall Light Switch User Manual

Model: 768561056835

1. PRODUCT OVERVIEW

The SMATRUL Smart Wall Light Switch with USB C Port is designed to provide convenient and intelligent control over your lighting. This touch-sensitive switch integrates seamlessly into modern smart homes, offering multiple control options including touch, mobile application, and voice commands via popular smart assistants like Alexa and Google Home. It also supports RF433 remote control for added flexibility. Featuring a USB-C port for additional utility and a power-off memory function, this switch ensures your settings are retained even after power interruptions. Please note that a neutral wire is required for installation.



Figure 1: SMATRUL Smart Wall Light Switch (2 Gang, White)

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Video 1: Overview of the Smart Wall Light Switch with Type-C Port, showcasing its features and design.

2. KEY FEATURES

- **USB C Interface Design:** Equipped with a USB C port, this smart switch is compatible with all devices featuring a Type-C port, offering convenient plug-and-play functionality and reducing cable clutter.
- **APP/Voice Control:** Control the smart switch remotely using the Smart Life mobile application. Set timers for automatic on/off functions. Integrate with smart gateways to enable voice control through Amazon Alexa and Google Home Assistant.
- **Safety Design:** An isolation board is strategically installed between the panel and the circuit board/wiring, effectively preventing short circuits and enhancing device and user safety.
- **Indicator Light:** The switch features an indicator light that glows red when ON and blue or no light when OFF.

The backlight can be disabled via the APP for nighttime use.

- **Power Off Memory Function:** The switch retains its last state (ON/OFF) after a power outage, ensuring consistent operation.
- **RF433 Remote Control Support:** Allows for control using an RF433 remote, providing an alternative control method.
- **Certifications:** The smart touch switch has passed CE, RoHS, and FCC certifications, ensuring quality and safety standards.

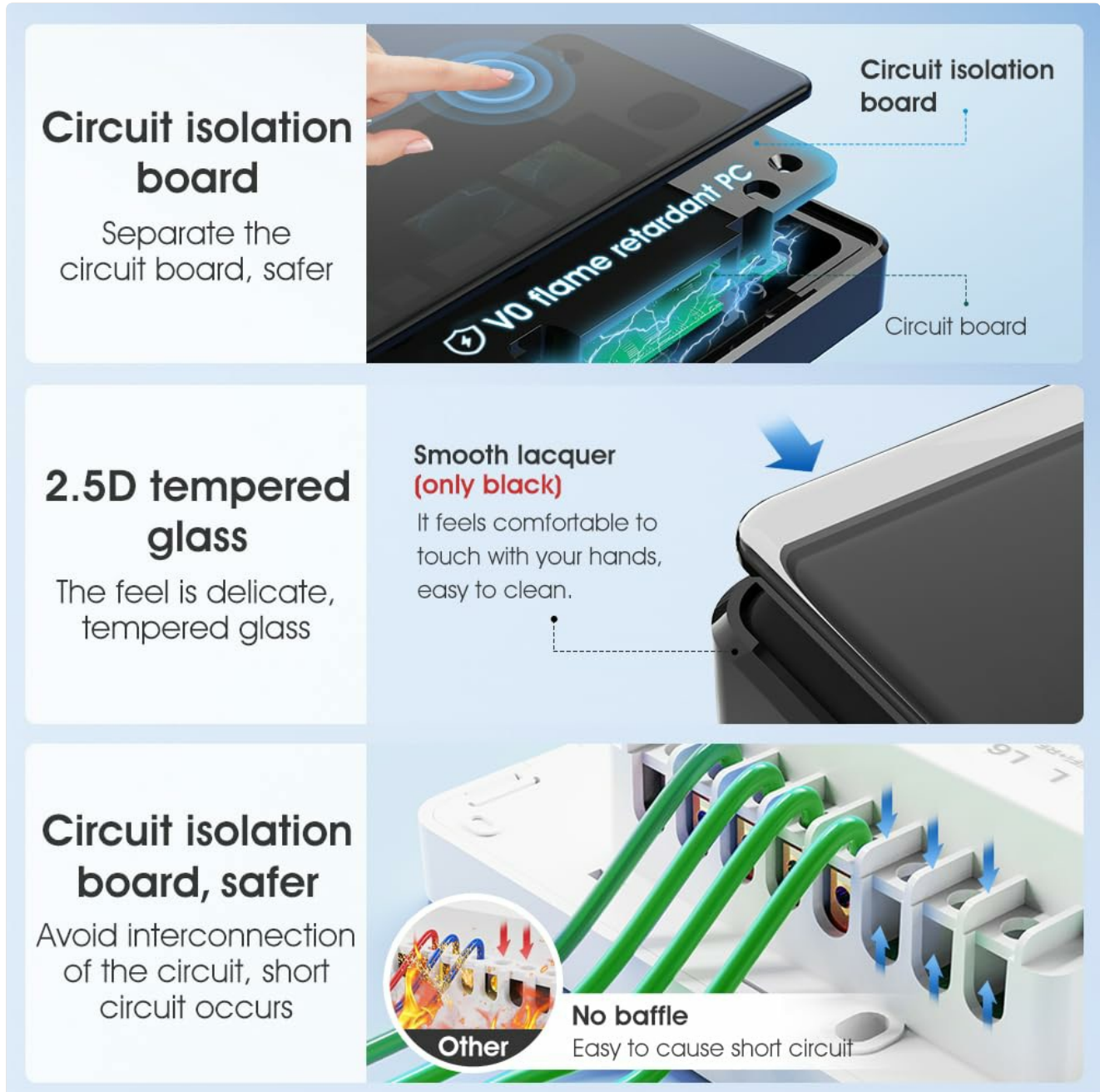


Figure 2: Detailed view of the circuit isolation board and 2.5D tempered glass for enhanced safety and durability.

Reasonable structure layout

The product is more durable and extend the service life

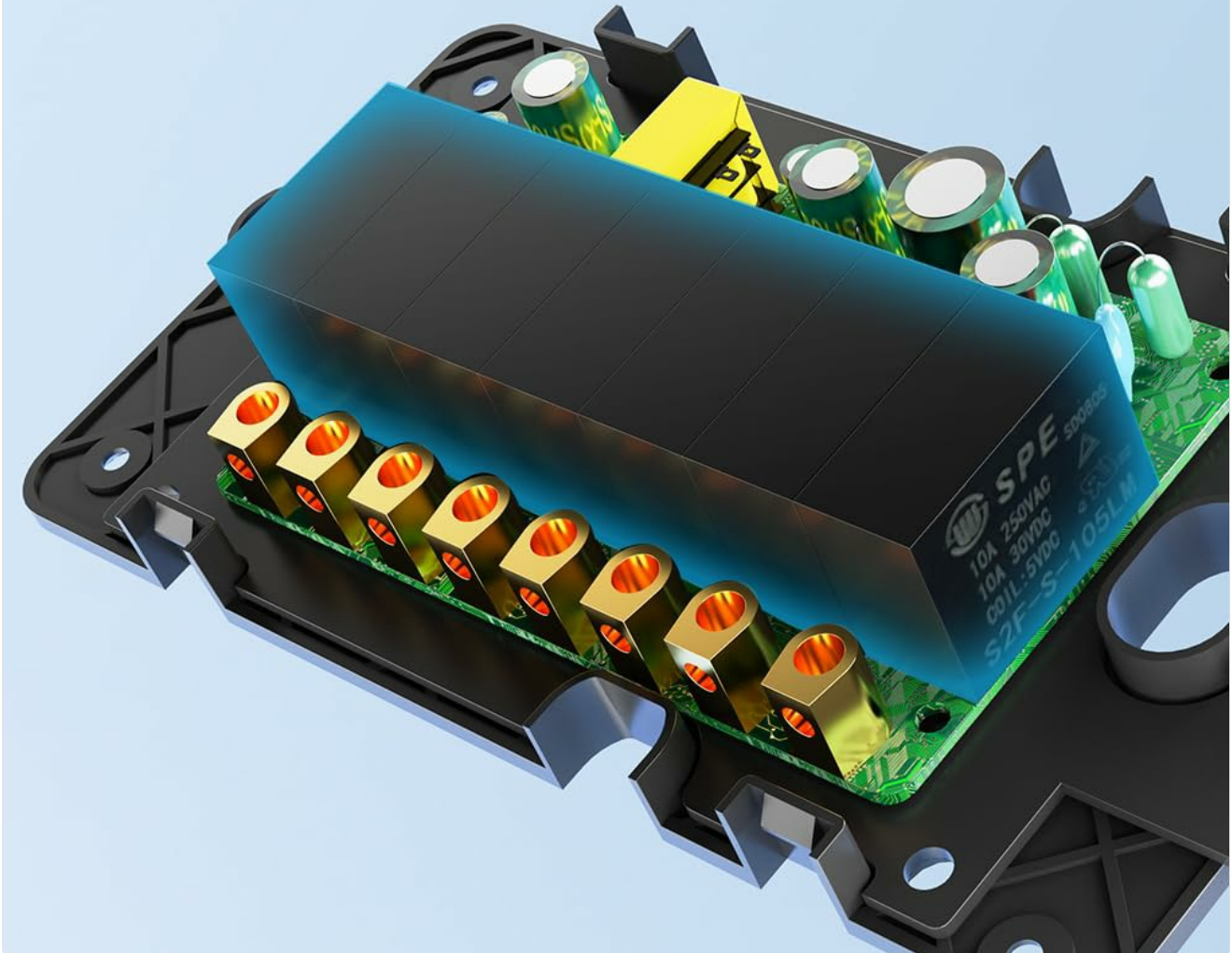


Figure 3: Internal structure layout designed for durability and extended service life.

3. WHAT'S IN THE BOX

Upon opening your package, you will find the following items:

- 1 x SMATRUL Smart Touch Switch
- 1 x User's Guide
- Accessories (e.g., screws for installation)



Figure 4: Visual representation of the packing list and product dimensions.

4. INSTALLATION GUIDE

Important: This WI-FI smart switch requires a neutral wire connection. It only supports 2.4 GHz Wi-Fi networks (5 GHz is not supported).

4.1 Safety Precautions

- Always turn off power at the circuit breaker before beginning any electrical installation.
- If you are unsure about electrical wiring, consult a qualified electrician.
- Ensure the switch is installed in a dry indoor location.

4.2 Wiring Diagram

Follow the wiring diagram carefully. Identify the Live (L), Neutral (N), and Light (L1, L2, etc.) lines in your wall box.

Wiring diagram

Red: Live line
Blue: Neutral line
Green: Light line

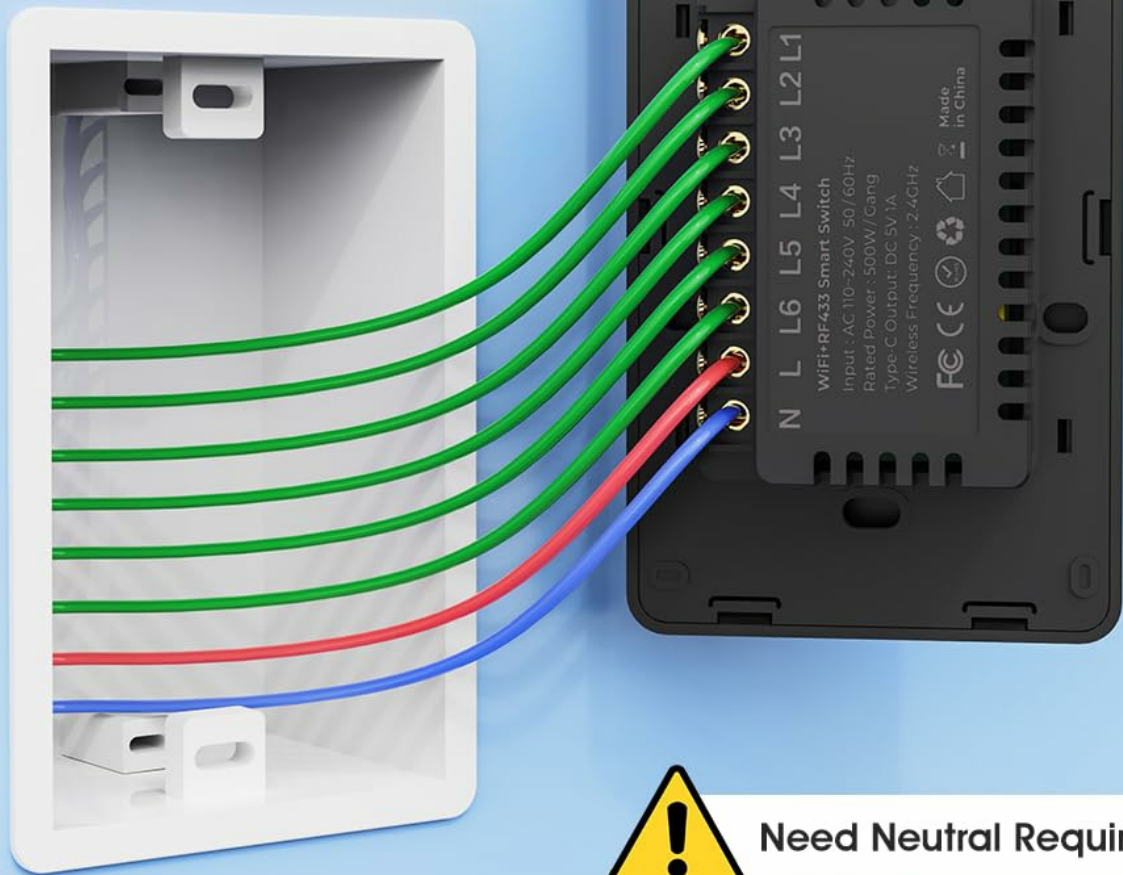


Figure 5: Wiring diagram showing connections for Live (Red), Neutral (Blue), and Light (Green) lines. Neutral wire is required.

4.3 App Setup (Smart Life App)

To connect your smart switch to your Wi-Fi network and enable smart features, follow these steps:

1. Download the "Smart Life" app from the App Store (iOS) or Google Play (Android).
2. Register or log in to your Smart Life account.
3. Ensure your phone's Wi-Fi and Bluetooth are enabled.
4. In the app, tap the "+" icon in the upper right corner to add a device.
5. Long press any button on the smart switch until the indicator lights flash rapidly (synthetic light flashing) to enter pairing mode.
6. The app should discover the device. Tap "Add" when prompted.
7. Follow the on-screen instructions to connect the switch to your 2.4GHz Wi-Fi network.
8. Once successfully networked, you can rename the switch and individual gangs within the app for easier control.

Circuit isolation board, safer



No baffle

Easy to cause short circuit

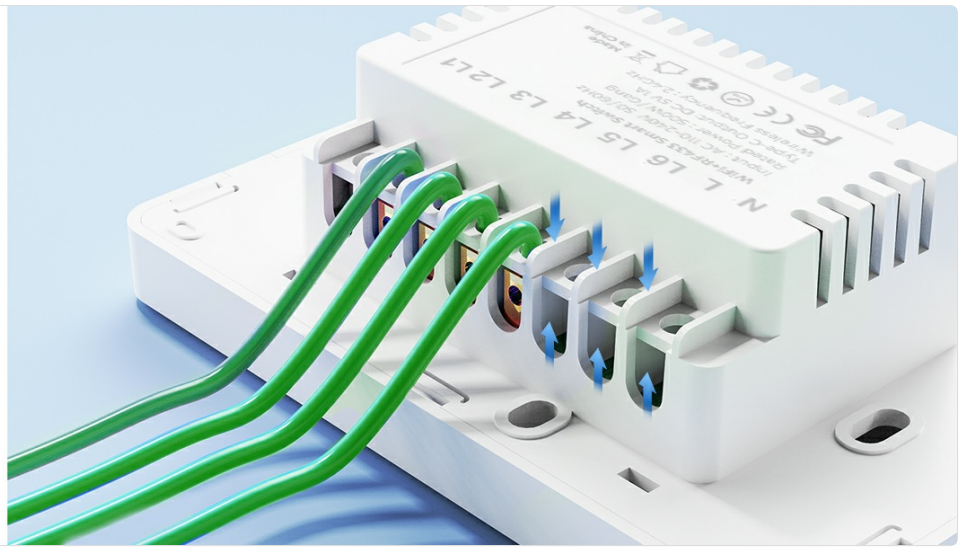


Figure 6: Step-by-step guide for adding the smart switch to the Smart Life application.

5. OPERATING INSTRUCTIONS

5.1 Manual Touch Control

Simply touch the circular icons on the switch panel to turn the connected lights ON or OFF. The indicator light will change color (red for ON, blue/no light for OFF) to reflect the status.



Figure 7: Backlight indicator status: Red for ON, Blue/No light for OFF.

5.2 App Control

Once connected to the Smart Life app, you can:

- Turn lights ON/OFF remotely from anywhere.
- Set schedules and timers for automated lighting.
- Configure countdowns, circulate, random, and inching modes.
- Adjust or disable the backlight of the switch.
- Receive offline reminders if the switch loses connection.

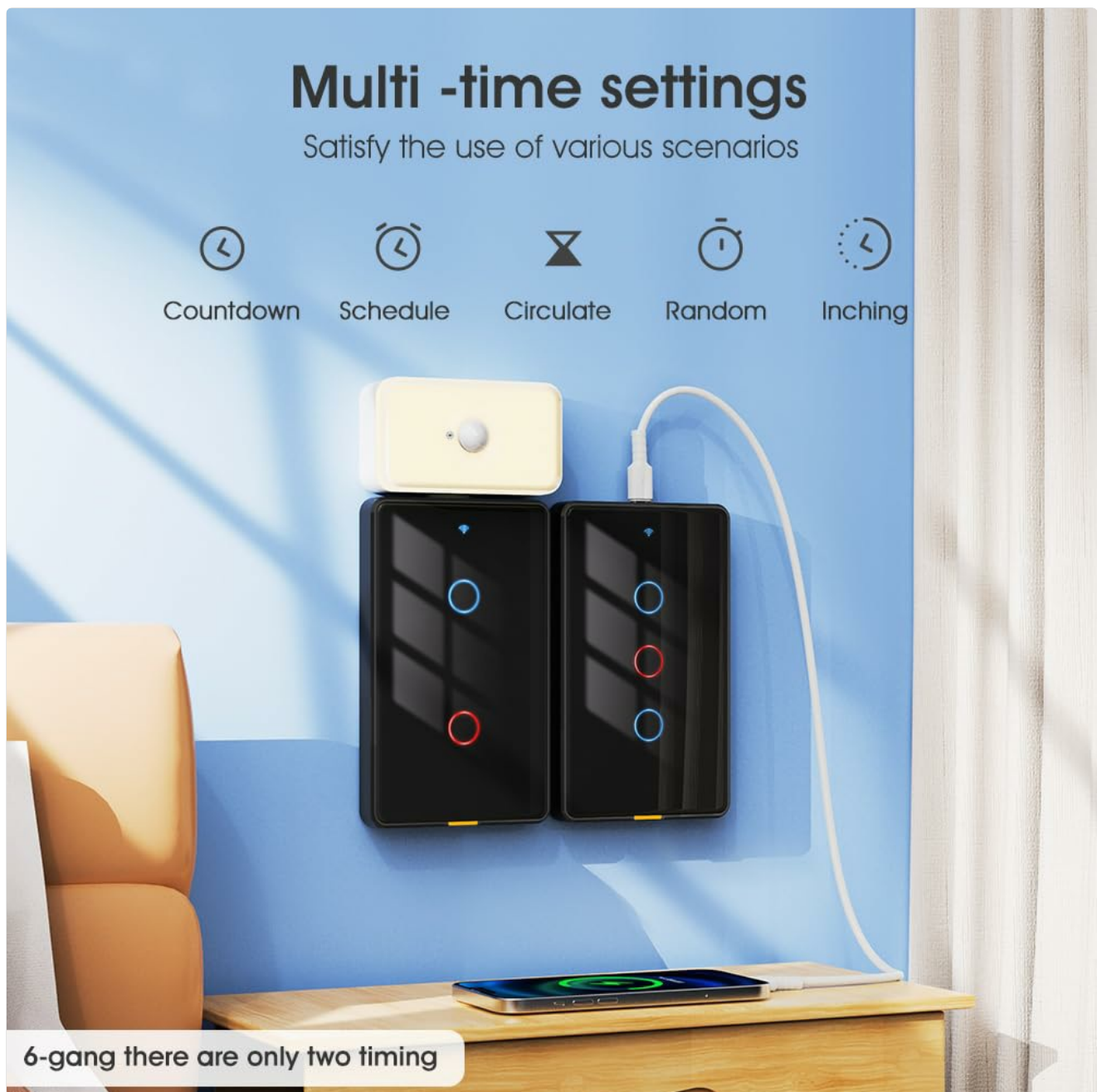


Figure 8: Multi-time settings available through the app, including countdown, schedule, circulate, random, and inching.

5.3 Voice Control (Alexa & Google Home)

After linking your Smart Life account to Alexa or Google Home, you can control your lights with voice commands. Examples:

- "Alexa, turn on the living room light."
- "Hey Google, turn off the bedroom light."

Voice and mobile phone control

Voice remote control or mobile phone remote control



Figure 9: The smart switch supports voice control via Alexa and Google Home, as well as mobile app control.

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Video 2: Demonstration of the smart touch switch functionality.

5.4 RF433 Remote Control

The switch can be paired with an RF433 remote control (sold separately) for convenient wireless control. The remote control distance without obstacles is approximately 100 meters.

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Video 3: Demonstration of controlling the smart switch via an RF433 remote control.

5.5 Multi-Control Association (2-Way)

For 2-way control, you can associate multiple smart switches within the app. This allows you to control the same light fixture from different switch locations without complex traditional wiring.



Figure 10: Diagram illustrating 2-Way Multi-control Association, where two switches control one light, configured via the app.

6. MAINTENANCE

To ensure the longevity and optimal performance of your SMATRUL Smart Wall Light Switch, follow these simple maintenance guidelines:

- **Cleaning:** Gently wipe the surface of the switch with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or excessive moisture, as these can damage the finish or internal components.
- **Firmware Updates:** Periodically check the Smart Life app for any available firmware updates for your switch. Keeping the firmware updated ensures you have the latest features and security enhancements.
- **Environmental Conditions:** Ensure the switch is not exposed to extreme temperatures, direct sunlight for prolonged periods, or high humidity, which can affect its performance and lifespan.

7. TROUBLESHOOTING

If you encounter issues with your SMATRUL Smart Wall Light Switch, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Switch not responding to touch.	Power issue, loose wiring, or temporary glitch.	Check circuit breaker. Ensure wiring is secure (power off first!). Try turning off power at the breaker for 10 seconds, then turn it back on.
Cannot connect to Wi-Fi.	Incorrect Wi-Fi band, weak signal, or incorrect password.	Ensure your router is broadcasting a 2.4 GHz network. Move the switch closer to the router. Double-check your Wi-Fi password. Reset the switch to pairing mode and try again.
Voice control not working.	Smart Life account not linked, device not discovered by voice assistant, or incorrect commands.	Verify Smart Life account is linked in Alexa/Google Home app. Ask the voice assistant to "discover devices." Use precise commands as listed in the app.
USB-C port not charging devices.	Device incompatibility or low power output.	The USB-C port is primarily for powering accessories like the temperature/humidity sensor or night light, and provides DC 5V 1A output. It may not be sufficient for fast charging all mobile devices. Ensure the device is compatible with 5V 1A charging.
Switch goes "wacko" after cover plate is installed.	Possible interference or improper seating of the switch within the wall box.	Ensure the switch is properly seated and not being pressed or obstructed by the cover plate. Check for any wires that might be pinching or interfering with the touch panel. If the issue persists, consult a qualified electrician.

If the problem persists after trying these solutions, please contact SMATRUL customer support for further assistance.

8. PRODUCT SPECIFICATIONS

Specification	Detail
Model Number	768561056835
Product Dimensions	4.72 x 2.83 x 1.51 inches; 7.05 ounces
Input Voltage	AC 110 ~ 240V 50/60Hz
Rated Power / Gang	500W/Gang
Type-C Output	DC 5V 1A

Specification	Detail
Wireless Frequency	2.4GHz (Wi-Fi)
Operation Mode	ON-OFF
Contact Type	Normally Open
Connector Type	Type-C
Terminal	Screw
Circuit Type	2-way
Actuator Type	Push Button
Contact Material	V0 Flame Retardant PC+ABS
International Protection Rating	V0 flame retardant PC+ABS
Operating Temperature	0°C ~ 40°C
Manufacturer	SMATRUL

9. WARRANTY AND SUPPORT

The SMATRUL Smart Wall Light Switch has passed CE, RoHS, and FCC certifications, ensuring its quality and compliance with international standards.

For any technical support, warranty claims, or further inquiries, please contact SMATRUL customer service through the platform where you purchased the product or refer to the contact information provided in the physical user's guide included with your product.

We are committed to providing high-quality smart home solutions and excellent customer service.