



[Manuals.plus](#) /

› [SUPERNIGHT](#) /

› SUPERNIGHT RGB LED Light Strip Remote Controller Instruction Manual

SUPERNIGHT SC-036

SUPERNIGHT RGB LED Light Strip Remote Controller Instruction Manual

Model: SC-036

PRODUCT OVERVIEW

The SUPERNIGHT 44 Key Wireless IR Remote Controller is designed to provide versatile control over your SMD 5050, 3528, and 2835 RGB LED light strips. This controller allows for a wide range of color selections, brightness adjustments, and dynamic lighting effects, enhancing the ambiance of any space.



Image: The SUPERNIGHT 44 Key Wireless IR Remote Controller shown alongside its white control box, which connects to the LED strip.

Key Features:

- **Multi-Functions:** Offers 20 static colors and 5 dynamic light patterns including Static, Flash, Strobe, Fade-change, and RGB Smooth-change.
- **Customization:** Easily turn ON/OFF, DIY colors, and adjust brightness levels.
- **Compatibility:** Works with SMD 5050, 3528, and 2835 RGB LED light strips that use 4-Pin connectors. Not compatible with RGBW strips (5-pin connectors).
- **IR Remote:** Infrared remote control with an effective range of approximately 30 feet. Requires direct line-of-sight to the IR receiver.
- **Safety:** Input DC 12V, Max output current 12A. CE, RoHS, FCC certified for low voltage, low heat, and no radiation.



DC Connector



Battery Model is CR2025



4-pin Connector & IR Receiver



Remove the film before use

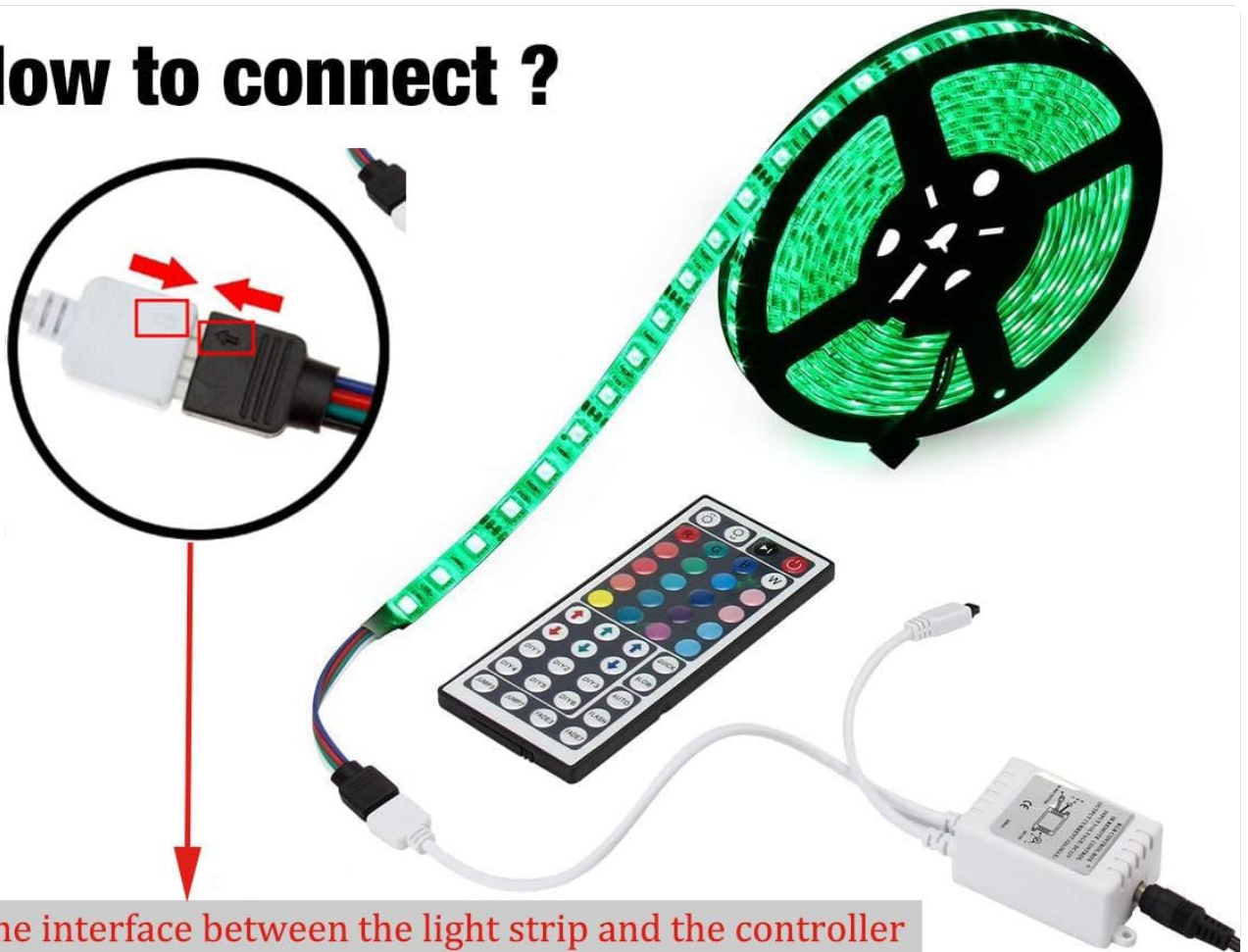
Image: A close-up of the 44-key remote controller, highlighting the various color selection buttons, brightness controls, and mode buttons (Flash, Strobe, Fade, Jump).

SETUP INSTRUCTIONS

1. Prepare the Remote:

Before first use, remove the clear plastic film from the battery compartment of the remote control. The remote uses a CR2025 coin cell battery.

How to connect ?



The interface between the light strip and the controller will have an arrow symbol (→). Please locate them and align them for connection; Otherwise, your light strip will not light up.

Image: A hand pulling a clear plastic tab from the battery slot of the remote control, indicating the battery is ready for use.

2. Connect the LED Strip to the IR Controller:

Ensure the 4-pin connector from your RGB LED light strip is correctly aligned with the 4-pin port on the IR control box. Look for the arrow symbol on both the strip connector and the control box connector and align them for proper connection. Incorrect alignment will prevent the lights from illuminating.

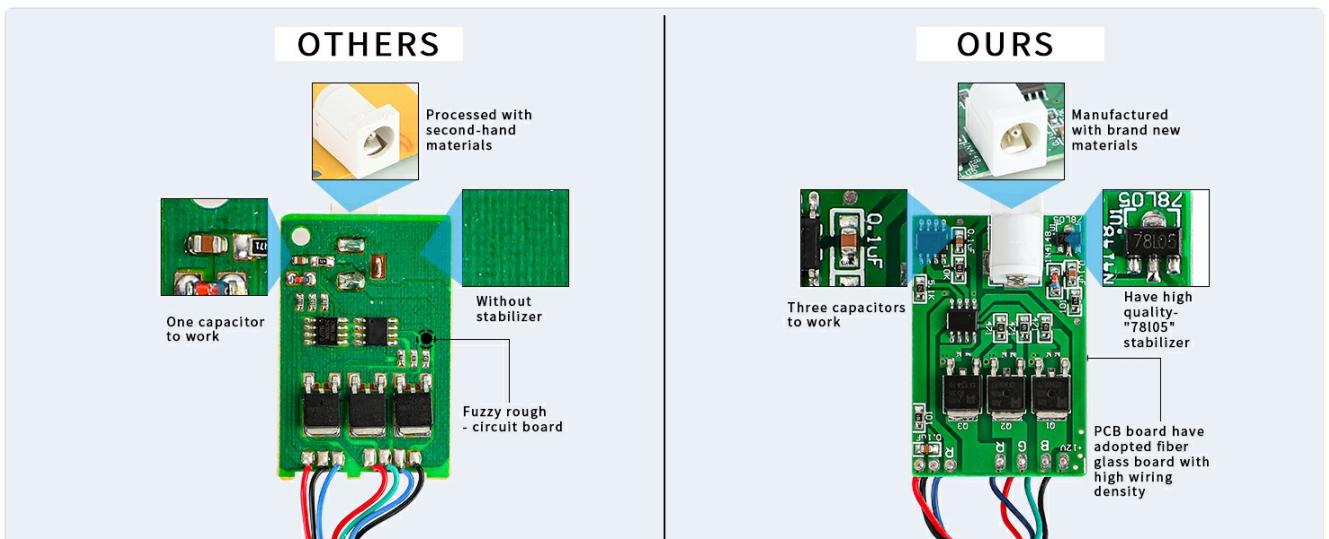


Image: A close-up showing the 4-pin connector of an LED strip being inserted into the IR control box, with arrows indicating correct alignment.

3. Connect Power to the IR Controller:

Plug the DC 12V power adapter (not included with this remote controller, but typically comes with LED strip kits) into the DC input jack on the IR control box.

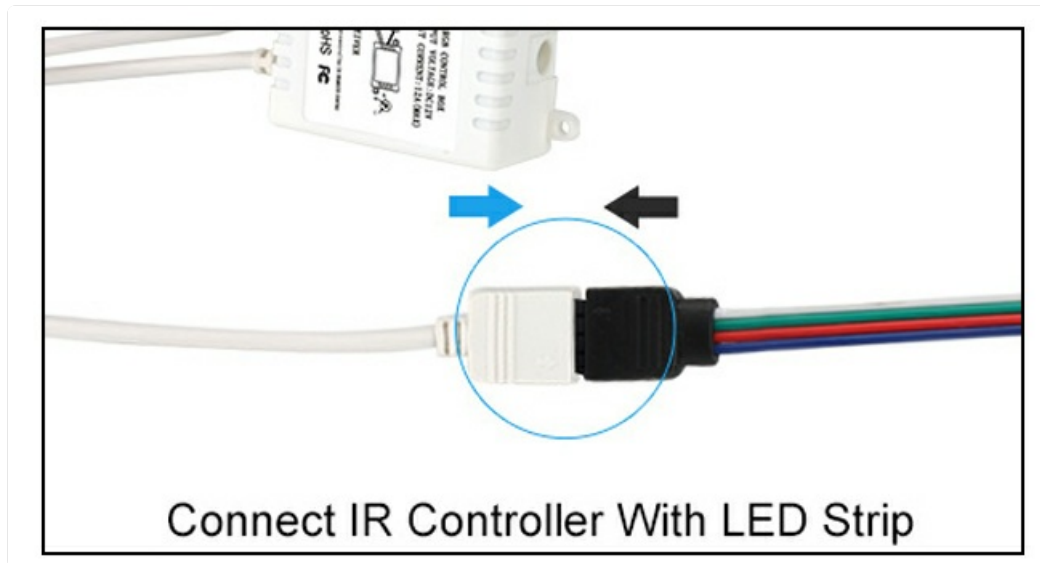


Image: A hand plugging a black DC power adapter into the white IR control box.

4. Position the IR Receiver:

Ensure the small black IR receiver eye, which is attached to the control box, is exposed and has a clear line of sight to where you will be using the remote. Obstructions will block the signal.



Point to the sensor when you use

This is a 4-pin connection port.

Please make sure it matches your
light strip device before purchasing.

Image: The remote control is shown pointing towards the small black IR sensor, emphasizing the need for direct line of sight for the remote to function.

Setup Video Guide:

Your browser does not support the video tag.

Video: This video demonstrates the connection process for the 44-key IR remote controller with an LED light strip, including battery installation and proper sensor alignment.

OPERATING INSTRUCTIONS

The 44-key remote offers comprehensive control over your LED light strip. Familiarize yourself with the button layout for optimal use.

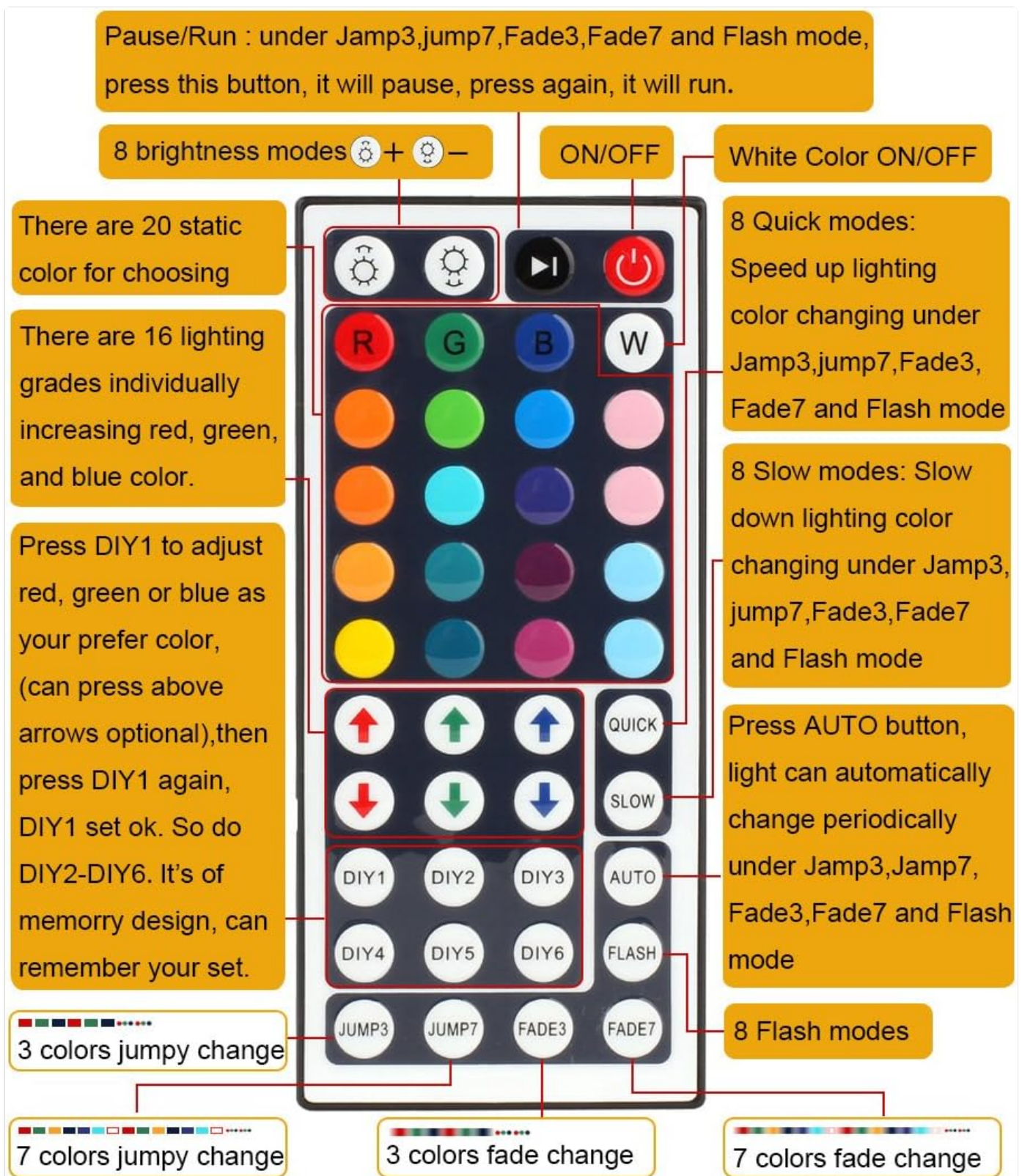


Image: An annotated diagram of the 44-key remote, explaining the function of each button, including color selection, brightness, and dynamic modes.

- **Power ON/OFF:** Use the **ON** and **OFF** buttons at the top right to power the lights.
- **Brightness Adjustment:** Use the **V+** and **V-** buttons (top left) to increase or decrease the brightness of the lights.
- **Static Color Selection:** The remote features 20 pre-set static colors. Simply press the desired color button to change the LED strip's color.
- **Dynamic Modes:**
 - **FLASH:** Rapidly cycles through colors.
 - **STROBE:** Flashes a single color.
 - **FADE3/FADE7:** Smoothly transitions between 3 or 7 colors.
 - **JUMP3/JUMP7:** Jumps between 3 or 7 colors.

- **QUICK/SLOW:** Adjusts the speed of dynamic modes.
- **AUTO:** Cycles through all dynamic modes automatically.

- **DIY Color Creation:**

The remote allows you to create and save up to 6 custom colors using the DIY buttons (DIY1-DIY6).

- Press one of the **DIY** buttons (e.g., DIY1).
- Use the Red, Green, and Blue arrow buttons (↑ / ↓) to adjust the intensity of each primary color until you achieve your desired custom color.
- Press the same **DIY** button again to save the custom color.
- To recall your saved custom color, simply press the corresponding **DIY** button.

- Turn ON/OFF
- Adjust Brightness
- Set Models

Perfect IR remote controller for SMD 5050 3528 RGB LED strip lights.

Image: A hand holding the remote control, demonstrating its use to change the colors of an LED strip installed behind a television, illustrating its application in home lighting.

MAINTENANCE

- **Battery Replacement:** If the remote's response becomes sluggish or stops working, replace the CR2025 coin cell battery.

Refer to the setup instructions for battery compartment access.

- **Cleaning:** Wipe the remote and control box with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the remote in a cool, dry place away from direct sunlight and extreme temperatures when not in use for extended periods.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	No power to the control box. Incorrect 4-pin connection. Remote battery is dead or film not removed. IR receiver is obstructed.	Ensure power adapter is plugged in and functional. Check 4-pin connection, align arrows correctly. Remove plastic film from remote battery; replace battery if needed. Ensure IR receiver has clear line of sight to remote.
Remote is unresponsive or works intermittently.	Remote battery low. IR receiver obstructed or out of range. Interference from other IR devices (e.g., TV remote).	Replace remote battery (CR2025). Ensure clear line of sight and stay within 30ft range. Minimize interference by operating other IR devices away from the receiver.
Incorrect RGB color associations (e.g., pressing Red shows Green).	Internal wiring or firmware misconfiguration.	This can sometimes be reset: <ol style="list-style-type: none">1. Turn the LED strip OFF using the remote, but keep the control box plugged in.2. Repeatedly tap the FADE7 button on the remote. The strip should flash once per tap.3. Each flash cycles the RGB color arrangement. Tap 2-3 times, then turn the strip ON and check if colors are correct.4. Repeat steps 1-3 until the RGB buttons correspond to the correct colors.

SPECIFICATIONS

Feature	Detail
Brand	SUPERNIGHT
Model Number	SC-036
Item Weight	1.76 ounces
Product Dimensions	13 x 6 x 4 inches
Color	IR Remote Controller
Style	44Key Remote Controller
Material	Brass

Feature	Detail
Power Source	Wired Electric
Voltage	12 Volts
Wattage	60 watts
Type of Bulb	LED
Special Features	Remote Controlled
Compatible Devices	LED Strip Lights
Max Number of Supported Devices	1
Batteries Included?	No (for remote, but remote comes with one installed)
Battery Type	CR2025 (Alkaline or Silver Oxide)

WARRANTY

This SUPERNIGHT product comes with a 1-year warranty from the date of purchase. Please retain your proof of purchase for warranty claims.

SUPPORT

For further assistance, technical support, or warranty inquiries, please visit the official SUPERNIGHT store on Amazon or contact their customer service directly through the Amazon platform.

[Visit the SUPERNIGHT Store on Amazon](#)