

PAUTIX RF-SWW320COB-USB-2M-3000K-NEW

PAUTIX 5V USB COB LED Strip Lights Instruction Manual

Model: RF-SWW320COB-USB-2M-3000K-NEW

1. INTRODUCTION

Thank you for choosing PAUTIX 5V USB COB LED Strip Lights. This manual provides essential information for the safe and efficient use of your LED strip lights. Please read these instructions carefully before installation and operation.

Package Contents:

- 1 x PAUTIX 5V USB COB LED Strip Light (6.56ft / 2m, 3000K Warm White)
- 1 x RF Wireless Remote Control
- 1 x USB Power Cable with In-line 3-button Dimmer



Image: Contents of the PAUTIX LED strip light package, showing the coiled strip, USB cable with in-line dimmer, and RF remote control.

2. SAFETY INFORMATION

- **UL-Listed:** This product is UL-Listed, ensuring compliance with safety standards.
- **Low Voltage:** Operates on 5V DC, making it safe to touch for pets and children.
- **Indoor Use Only:** The LED strip has an IP30 rating and is designed exclusively for indoor environments. Avoid exposure to water or high humidity.
- **Power Source:** Use only with a 5V/2A (or higher) USB power source. Insufficient power may cause flickering or improper operation.
- **Installation:** Ensure the mounting surface is clean, dry, and smooth for optimal adhesive performance.
- **Cutting:** The strip can be cut at designated marks (every 12mm/0.47in). Cutting at non-marked points will damage the circuit.
- **Heat:** While COB LEDs produce minimal heat, ensure proper ventilation when installed in enclosed spaces.

3. SETUP AND INSTALLATION

1. **Prepare the Surface:** Clean the desired mounting surface thoroughly to remove dust, oil, or moisture. A clean, dry, and smooth surface ensures strong adhesion.
2. **Measure and Cut (Optional):** If a shorter length is required, measure the desired length and cut the LED strip only at the designated cutting marks (indicated by copper pads).



Image: Diagram showing the cuttable sections of the LED strip, marked every 12mm/0.47in, with a pair of scissors indicating where to cut.

3. **Peel Adhesive Backing:** Carefully peel off the protective film from the 3M self-adhesive backing on the LED strip.
4. **Attach the Strip:** Press the LED strip firmly onto the prepared surface, ensuring even contact along its entire length.

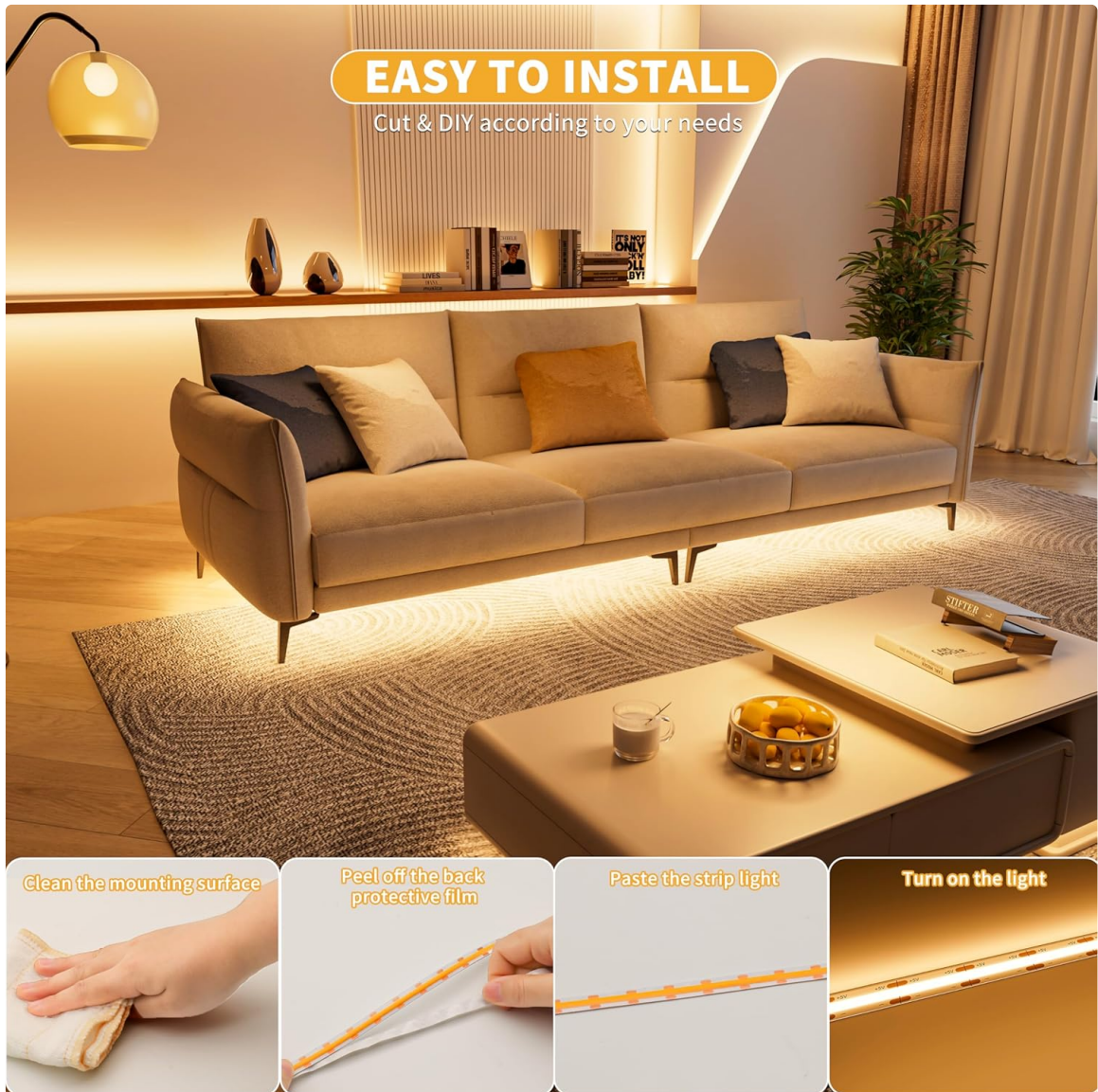


Image: Four-step visual guide demonstrating how to install the LED strip: clean the surface, peel the backing, paste the strip, and turn on the light.

5. **Connect Power:** Plug the USB connector of the LED strip into a compatible 5V/2A (or higher) USB power source (e.g., TV USB port, computer, power bank, USB wall adapter).

5V 2A USB POWERED

Compatible with any USB device with an output greater than 2A (if the strip light flashes, please check whether the USB device you are using has enough output of 2A)



Image: Various USB power sources compatible with the PAUTIX LED strip, including a USB charger, power bank, laptop/TV, 5V battery pack, and USB socket.

4. OPERATING INSTRUCTIONS

RF Wireless Remote Control:

The included RF remote control allows for convenient operation from a distance, even without direct line of sight (360° control). It features:

- **On/Off:** Power the lights on or off.
- **Brightness Adjustment:** Increase or decrease brightness (5 levels).
- **Timer Functions:** Set the lights to turn off automatically after 30 minutes, 1 hour, 2 hours, 3 hours, or 4 hours. Press 'C' to cancel the timer.
- **Memory Function:** The lights will restore to their last brightness setting when turned back on.



Image: The PAUTIX LED strip light coiled with the RF wireless remote control and USB power cable visible. The remote shows buttons for power, brightness, and timer settings.

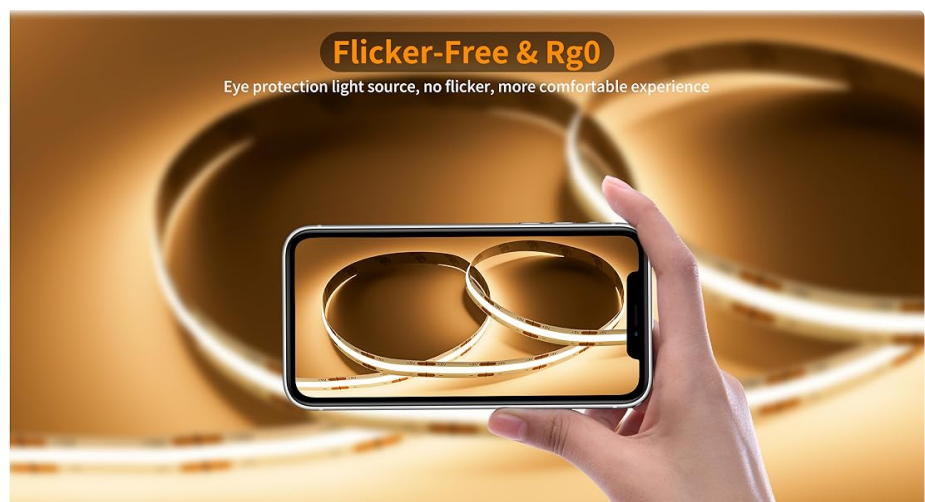
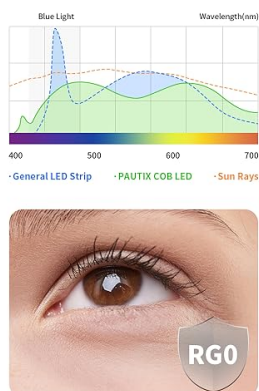


Image: A child sleeping with the LED strip lights providing soft illumination, illustrating the timer function of the RF remote control.

In-line 3-button Dimmer:

The USB power cable includes an in-line controller with three buttons for basic operation:

- **Power Button:** Turns the lights on/off.
- **Brightness Up (+):** Increases brightness.
- **Brightness Down (-):** Decreases brightness.

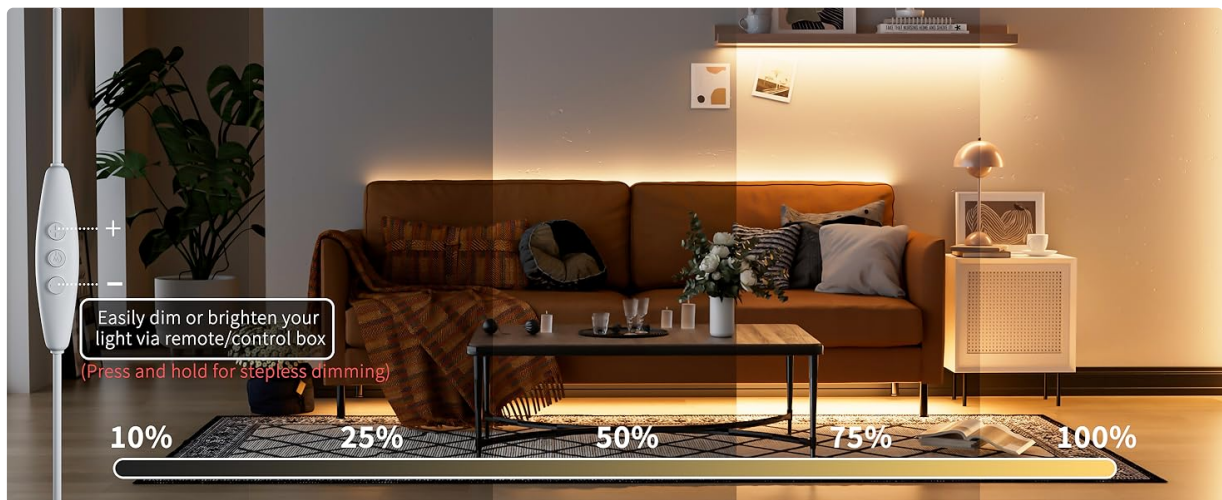


Image: A living room scene with LED strip lights installed, showing the in-line dimmer and its buttons for adjusting brightness from 10% to 100%.

5. MAINTENANCE

- **Cleaning:** Gently wipe the LED strip with a dry, soft cloth if it accumulates dust. Do not use liquid cleaners or immerse in water.
- **Adhesive:** The 3M adhesive is strong. If repositioning is necessary, do so carefully to avoid damaging the strip or the surface.
- **Storage:** When not in use for extended periods, store the LED strip in a cool, dry place, away from direct sunlight.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, faulty USB port.	<ul style="list-style-type: none"> ◦ Ensure USB cable is securely plugged in. ◦ Try a different USB power source (ensure it provides 5V/2A or more). ◦ Check if the in-line dimmer or remote is set to "Off".
Lights are flickering.	Insufficient power supply.	<ul style="list-style-type: none"> ◦ Ensure your USB power source provides at least 5V/2A. ◦ Try a different, more powerful USB adapter.
Remote control not working.	Battery issue, interference.	<ul style="list-style-type: none"> ◦ Replace the remote control battery. ◦ Ensure no obstructions are blocking the signal (though RF is less sensitive to this).
Sections of the strip are not lighting up.	Damage to the strip.	<ul style="list-style-type: none"> ◦ Inspect the strip for physical damage or improper cuts. ◦ If damaged, the affected section may need replacement.

7. SPECIFICATIONS

- **Model:** RF-SWW320COB-USB-2M-3000K-NEW
- **Brand:** PAUTIX
- **Light Source Type:** COB LED
- **Color Temperature:** 3000K Warm White
- **Length:** 6.56 feet (2 meters)
- **LEDs per Meter:** 320 LEDs/m (Total 640 LEDs)
- **Voltage:** 5 Volts (DC)
- **Wattage:** 9.5 watts
- **Luminous Flux:** 1200 Lumens
- **Color Rendering Index (CRI):** >90
- **Special Features:** 5V USB Powered, RF Remote Control, UL-Listed, Dimmable, Dotless, Flicker-Free, Memory Function, Timer
- **Lifespan:** >65,000 hours
- **Ingress Protection (IP) Rating:** IP30 (Indoor Use Only)
- **Material:** 3M Adhesive, COB LED Light Source, Double Layer Pure Copper PCB, Plastic
- **Power Cable Length:** 2.6 feet
- **UPC:** 717994811924

8. WARRANTY AND SUPPORT

PAUTIX is committed to customer satisfaction. This product comes with a **5-year warranty**, ensuring quality and reliability.

If you encounter any issues or have questions regarding your PAUTIX LED Strip Lights, please contact our customer support team. We aim to respond within 24 hours and provide a prompt resolution.

Contact Information: Please refer to the product packaging or the official PAUTIX website for the most up-to-date customer service contact details.