ANCHEER SVB056

ANCHEER 32.8 ft 3528 SMD RGB LED Strip Light Kit Instruction Manual

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your ANCHEER 32.8 ft 3528 SMD RGB LED Strip Light Kit. Please read this manual thoroughly before use to ensure proper functionality and safety. Retain this manual for future reference.

2. Package Contents

Verify that all items listed below are included in your package:

- 2 x 16.4 ft (5m) 3528 SMD RGB LED Strip Lights (Total 32.8 ft / 10m)
- 1 x 44-Key IR Remote Controller
- 1 x IR Remote Control Receiver
- 1 x User Manual
- *Note: The power supply is not included in this kit.*



Figure 2.1: Kit components including LED strip reels and remote control.

3. Safety Information

- **Indoor Use Only:** These LED strip lights are designed for indoor use and are not waterproof. Avoid exposure to water or high humidity.
- **Power Supply:** Ensure you use a compatible 12V AC/DC power supply (not included) that meets the wattage requirements for the total length of the LED strips.
- **Installation Surface:** Install on clean, dry, and smooth surfaces to ensure proper adhesion.
- **Cutting:** Only cut the LED strips at designated cut marks (indicated by a scissor icon or copper pads) to avoid damaging the circuit.
- **Ventilation:** Do not cover the LED strips with materials that could impede heat dissipation.
- **Children and Pets:** Keep the product and its components out of reach of children and pets.

4. Setup and Installation

4.1 Preparation

1. Unroll the LED strip lights and inspect them for any physical damage.
2. Clean the surface where you intend to install the lights. Ensure it is dry and free of dust or grease for optimal adhesive performance.
3. Test the lights before final installation by connecting all components (LED strips, IR receiver, and a compatible 12V power supply) to ensure they function correctly.

4.2 Connecting the Components

Follow these steps to connect the LED strip lights to the IR receiver:

1. Connect the LED strip(s) to the IR remote control receiver. Ensure the arrows on the connectors are aligned.
2. Connect the IR remote control receiver to a compatible 12V AC/DC power supply (not included).



Figure 4.1: Connection diagram of LED strips, IR receiver, and power input.

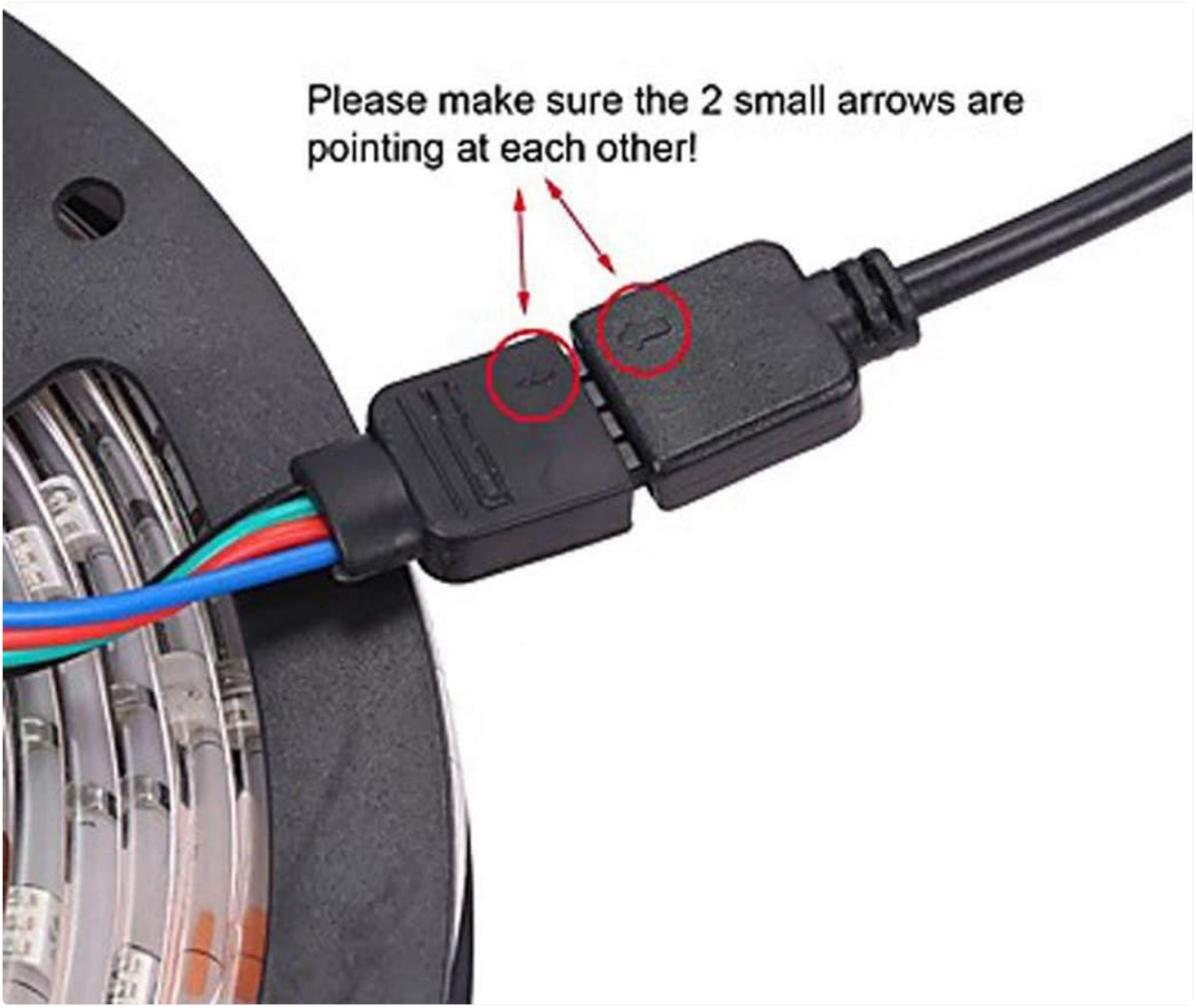


Figure 4.2: Ensure arrows on connectors are aligned for correct polarity.

4.3 Mounting the LED Strips

1. Peel off the adhesive backing from the LED strip.
2. Carefully press the strip onto the prepared surface, applying even pressure along the entire length to ensure good adhesion.
3. Avoid bending the strip sharply or placing it over sharp edges, as this can damage the internal circuitry.

4.4 Cutting the LED Strips (Optional)

The LED strips can be cut to your desired length. Follow these guidelines:

- Locate the designated cut marks on the LED strip. These are typically indicated by a scissor icon or copper pads.
- Cut only at these marks. Cutting elsewhere will damage the circuit and prevent the section from lighting up.
- Ensure the power is disconnected before cutting.



Figure 4.3: Designated cut marks on the LED strip.

5. Operating Instructions

The ANCHEER LED Strip Light Kit is controlled using the included 44-key IR remote controller. Ensure the remote is pointed towards the IR receiver for optimal response.

5.1 Remote Control Functions



Figure 5.1: 44-Key IR Remote Controller Layout.

- **On/Off Button:** Powers the LED lights on or off.
- **Brightness Dimming:** Adjusts the brightness level of the lights.
- **20 Color Options:** Direct selection buttons for 20 preset static colors.
- **6 DIY Colors:** Allows you to create and save custom colors.
- **Color Speed:** Adjusts the speed of dynamic lighting modes.
- **Auto:** Cycles through various lighting modes automatically.
- **Flash:** Flashes a single color.
- **Jump 3/7 Colors:** Jumps between 3 or 7 preset colors.
- **Fade 3/7 Colors:** Fades between 3 or 7 preset colors.

5.2 Customizing DIY Colors

1. Press one of the **DIY1-DIY6** buttons to select a custom color slot.
2. Use the **R**, **G**, **B** arrow buttons (up/down) to adjust the intensity of red, green, and blue components until you achieve your desired color.
3. The custom color will be saved to the selected DIY slot.

6. Maintenance

- **Cleaning:** Gently wipe the LED strips with a dry, soft cloth to remove dust. Do not use liquid cleaners or abrasive materials.
- **Storage:** If storing the lights for an extended period, ensure they are clean, dry, and stored in a cool, dark place.
- **Adhesion:** If the adhesive weakens over time, additional mounting clips or double-sided tape may be used to secure the strips.

7. Troubleshooting

Problem	Possible Cause	Solution
Lights do not turn on.	No power, incorrect connection, remote battery dead.	Check power supply connection. Ensure arrows on connectors are aligned. Replace remote battery.
Remote control not working.	Remote battery dead, IR receiver blocked, remote too far.	Replace remote battery. Ensure clear line of sight to IR receiver. Move closer to receiver.
Some sections of the strip are not lighting up.	Strip cut incorrectly, physical damage.	Inspect cut points. If cut incorrectly, the damaged section cannot be repaired.
Colors are incorrect or inconsistent.	Incorrect connection, faulty strip.	Verify all connections are secure and arrows are aligned. If problem persists, contact support.

8. Specifications

- **Model Number:** SVB056
- **LED Type:** 3528 SMD RGB
- **LED Quantity:** 600 LEDs (300 LEDs per 16.4 ft roll)
- **Strip Length:** 32.8 ft (2 x 16.4 ft rolls)
- **Input Voltage:** 12V DC (Power supply not included)
- **Wattage:** 24 Watts
- **Control Method:** 44-Key IR Remote Controller
- **Color Options:** 20 preset colors, 6 DIY colors
- **Lighting Modes:** Auto, Flash, 3/7 Color Jump, 3/7 Color Fade
- **Indoor/Outdoor Usage:** Indoor Only
- **Material:** Plastic
- **Item Weight:** Approximately 10.9 ounces

9. Warranty and Support

ANCHEER products come with a**1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and ensures free parts replacement for eligible issues.
For technical assistance, troubleshooting, or warranty claims, please contact ANCHEER customer support. We aim

to provide a **24-Hour Rapid Response** to all inquiries.

Figure 9.1: ANCHEER Brand Logo.



Figure 9.2: ANCHEER Customer Support and Warranty Information.

10. Application Examples

The ANCHEER LED Strip Lights are versatile and can be used to enhance various indoor environments. Here are some examples of common applications:



Figure 10.1: Accent lighting for shelves or displays.



Figure 10.2: Various room applications including bedroom, kitchen, and entertainment areas.



Figure 10.3: Decorative lighting for kitchens, bookshelves, and stairs.



Figure 10.4: Ambient lighting in a living room setting.