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> [Vrabocry 5V 5050 RGB LED Strip Light USB with 44-Key Remote Control Instruction Manual](#)

## Vrabocry 5050 5V

# Vrabocry 5V 5050 RGB LED Strip Light USB with 44-Key Remote Control Instruction Manual

Brand: Vrabocry | Model: 5050 5V

## INTRODUCTION

This instruction manual provides comprehensive guidance for the installation, operation, and maintenance of your Vrabocry 5V 5050 RGB LED Strip Light. Please read this manual thoroughly before use to ensure proper functionality and safety.

## PACKAGE CONTENTS

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

- 4 x LED Strip Lights (each 1.64ft / 50cm)
- 1 x 44-Key IR Remote Control (battery not included)
- 1 x USB Controller Cable
- 3 x Strip Connector Cables



Image: All components included in the Vrabcry LED Strip Light package.

## SPECIFICATIONS

| Feature         | Specification              |
|-----------------|----------------------------|
| LED Type        | SMD 5050 RGB               |
| Strip Length    | 4 x 1.64ft (50cm) sections |
| PCB Width       | 10mm                       |
| LEDs Quantity   | 30 LEDs per 50cm section   |
| LED Color       | RGB (Multi-color)          |
| Control Method  | 44-Key IR Remote Control   |
| Working Voltage | USB DC 5V                  |

|                      |                           |
|----------------------|---------------------------|
| Waterproof Rate      | IP30 (Non-Waterproof)     |
| Adhesive             | Double-sided tape on back |
| Indoor/Outdoor Usage | Indoor Use Only           |

## SAFETY INFORMATION

- This LED strip light is designed for **indoor use only**. It is not waterproof (IP30 rated). Avoid exposure to water or high humidity.
- Ensure the power source is 5V DC USB. Using an incorrect voltage may damage the product.
- Do not cover the LED strips with flammable materials when in operation.
- Keep out of reach of children.

## SETUP AND INSTALLATION

Follow these steps to install your LED strip lights:

1. **Prepare the Surface:** Clean the surface where the LED strips will be installed. Ensure it is dry and free of dust or grease for optimal adhesive performance.
2. **Install Remote Battery:** Open the battery compartment on the back of the 44-key IR remote control and insert a CR2025 button cell battery (not included), ensuring correct polarity.



Image: Remote control battery compartment. Battery is not included.

3. **Connect the Strips:** Connect the individual LED strip sections using the provided strip connector cables. Ensure the arrows on the connectors align with the '+' markings on the LED strips for proper electrical connection.
4. **Connect to USB Controller:** Attach the assembled LED strip to the USB controller cable.
5. **Adhere the Strips:** Peel off the protective backing from the double-sided tape on the back of the LED strips. Firmly press the strips onto the cleaned surface. For long-term use, consider reinforcing the adhesive with additional glue or by gently heating the tape with a hairdryer before application to improve adhesion.
6. **Cutting the Strips (Optional):** The LED strips can be cut at designated marks (usually indicated by a scissor icon or copper pads) to fit specific lengths. Cut only along these marks to avoid damaging the circuit.



Image: Visual guide for surface preparation, strip connection, and cutting points.

7. **Power On:** Plug the USB controller into a 5V USB power source (e.g., TV USB port, USB wall adapter, power bank).

## OPERATING INSTRUCTIONS

Use the 44-key IR remote control to manage your LED strip lights:

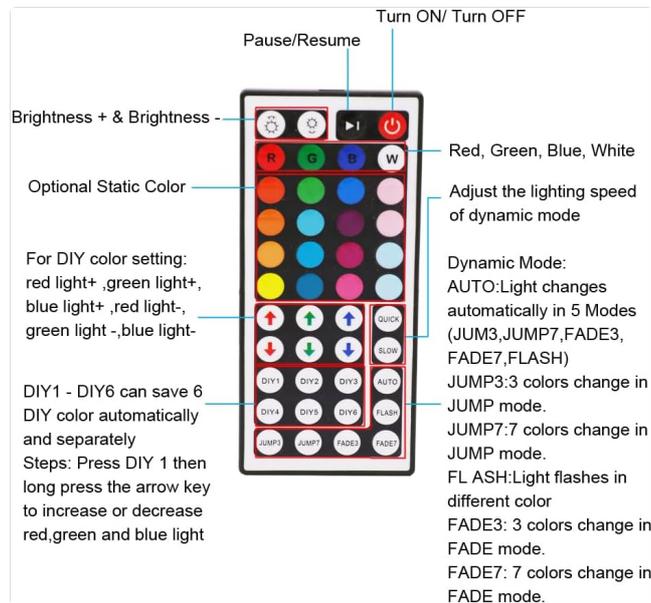


Image: 44-Key IR Remote Control layout and functions.

- **Power On/Off:** Press the **ON/OFF** button.
- **Brightness Adjustment:** Use the **Brightness +** and **Brightness -** arrows to increase or decrease light intensity.
- **Static Colors:** Select from 20 preset static colors, including Red, Green, Blue, and White, by pressing the corresponding color buttons.
- **DIY Color Setting:**
  - Press one of the **DIY1** to **DIY6** buttons.
  - Use the **Red, Green, Blue** arrow buttons (e.g., Red+, Red-) to adjust the intensity of each primary color.
  - Press the same **DIY** button again to save your custom color.
- **Dynamic Modes:**
  - **AUTO:** Cycles through various dynamic modes automatically.
  - **QUICK/SLOW:** Adjusts the speed of dynamic modes.
  - **JUMP3/JUMP7:** Jumps between 3 or 7 different colors.
  - **FADE3/FADE7:** Fades between 3 or 7 different colors.
  - **FLASH:** Flashes through different colors.

## MAINTENANCE

- **Cleaning:** Gently wipe the LED strips with a dry, soft cloth to remove dust. Do not use liquid cleaners or immerse in water.
- **Adhesive:** If the adhesive tape loses its stickiness over time, you may reinforce it with additional double-sided tape or a suitable adhesive.
- **Storage:** When not in use for extended periods, store the LED strips in a cool, dry place away from direct sunlight.

## TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|---------|----------------|----------|

|                                       |  |  |
|---------------------------------------|--|--|
| LED strips do not light up.           | No power, incorrect connection, remote battery depleted. | Ensure USB power source is active. Check all connections, especially arrow alignments. Replace remote battery.                                   |
| Remote control not working.           | Battery depleted, IR receiver blocked, remote too far.   | Replace remote battery. Ensure clear line of sight between remote and IR receiver on the USB controller. Operate within 5-8 meters.              |
| Colors are incorrect or inconsistent. | Incorrect connection, faulty strip section.              | Verify all strip connector cables are correctly aligned (arrow to '+'). If one section is consistently problematic, it may be faulty.            |
| Adhesive tape not sticking well.      | Surface not clean, cold temperature.                     | Clean surface thoroughly. Gently heat the adhesive tape with a hairdryer before application to improve stickiness. Consider additional adhesive. |

## WARRANTY AND SUPPORT

Specific warranty information for this product is not provided in the available documentation. For warranty inquiries or technical support, please contact Vrabocry customer service through your purchase platform or the manufacturer's official contact channels.