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› HOUHUI 6.56Ft RGB LED Strip Lights User Manual

HOUHUI US-RGB-2M

HOUHUI 6.56Ft RGB LED Strip Lights User Manual

Model: US-RGB-2M

1. PRODUCT OVERVIEW

The HOUHUI 6.56Ft RGB LED Strip Lights provide vibrant, customizable lighting for various indoor applications. This kit includes a 6.56ft (2m) RGB LED strip, a USB cable, and a 24-key IR remote control. The LED strip features 60 bright SMD 5050 LED beads, offering 16 static colors and 4 dynamic modes with dimming control. It is designed for easy installation with a USB plug-in and self-adhesive backing.



The HOUHUI 6.56Ft RGB LED Strip Lights kit, including the LED strip, USB cable, and remote control.

2. SETUP AND INSTALLATION

Follow these steps for proper installation of your LED strip lights:

1. **Prepare the Surface:** Ensure the mounting surface is clean, dry, and smooth. Dust, dirt, or moisture can affect the adhesive's effectiveness.
2. **Measure and Cut (Optional):** If needed, you can cut the LED strip along the designated cutting marks (usually indicated by a copper pad with a scissor icon) to achieve the desired length. Do not cut at any other points.
3. **Apply the Strip:** Carefully peel off the protective backing from the self-adhesive tape on the back of the LED strip. Press the strip firmly onto the prepared surface, ensuring good contact along its entire length.
4. **Connect Power:** Plug the USB connector into a 5V USB power source, such as a TV USB port, PC, power bank, or USB wall adapter.



Visual guide for installing the LED strip lights on a TV, showing surface preparation, adhesive application, and USB connection.

USB Plug-in LED Strip Lights with Remote

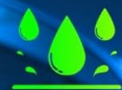


The LED strip can be cut at designated marks and features strong self-adhesive for easy mounting.

3. OPERATING INSTRUCTIONS

Your HOUHUI LED Strip Lights are controlled by the included 24-key IR remote. Ensure the remote is pointed directly at the IR receiver connected to the LED strip for optimal performance.

6.56ft waterproof led light strip

 **IP65**
Waterproof



The controller
and USB interface
are not waterproof



The LED strip is USB powered and comes with a remote for easy control.

Remote Control Functions:

- **ON/OFF:** Turn the lights on or off.
- **Brightness Adjustment:** Use the sun icons (▲ / ▼) to increase or decrease brightness.
- **Static Colors:** Select from 16 vibrant RGB colors using the color buttons.
- **Dynamic Modes:** Choose from 4 dynamic modes: FLASH, STROBE, FADE, and SMOOTH for various lighting effects.

24-keys IR Remote Controller

- 16 static colors
- 4 dynamic modes
- Brightness adjustment
- Please point to IR receiver when use it



Detailed view of the 24-key IR remote control and its functions.



The LED strip lights offer dimmable functionality, allowing adjustment from 10% to 100% brightness.

4. MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your HOUHUI LED Strip Lights, follow these maintenance guidelines:

- **Water Resistance:** The LED strip itself is IP65 waterproof, making it suitable for damp environments. However, the controller and USB interface are **NOT** waterproof. Ensure these components are protected from water exposure.
- **Cleaning:** Gently wipe the LED strip with a soft, dry cloth to remove dust. Avoid using harsh chemicals or abrasive materials that could damage the strip or its protective coating.
- **Adhesive Care:** If the adhesive begins to lose its stickiness over time, you may reinforce it with additional double-sided tape or mounting clips.



The LED strip is IP65 waterproof, but the controller and USB interface must be kept dry.

5. TROUBLESHOOTING

If you encounter any issues with your LED strip lights, please refer to the following common solutions:

- **Lights Not Turning On:**

- Check if the USB cable is securely plugged into a working 5V USB power source.
- Ensure the remote control has a working battery and is pointed directly at the IR receiver.
- Try a different USB power source to rule out power supply issues.

- **Remote Not Responding:**

- Verify the remote's battery is correctly inserted and has sufficient power. Replace if necessary.
- Ensure there are no obstructions between the remote and the IR receiver.
- Confirm the remote is within effective range of the IR receiver.

- **Inconsistent Lighting/Colors:**

- Check for any kinks or damage along the LED strip that might be affecting individual LEDs.

- Ensure all connections are firm and not loose.

6. SPECIFICATIONS

Feature	Detail
Model Number	US-RGB-2M
Length	6.56 Feet (2 Meters)
LED Type	SMD 5050
Number of LEDs	60
Color	RGB (Red, Green, Blue)
Voltage	5 Volts
Wattage	5 Watts
Control Method	24-key IR Remote Control
Water Resistance Level	IP65 (LED Strip only)
Power Source	USB Powered
Included Components	1 x 6.56ft RGB LED Strip Lights, 1 x USB Cable, 1 x 24-key IR Remote Control, 1 x User Manual

7. WARRANTY AND SUPPORT

HOUHUI products are manufactured with quality and performance in mind. While specific warranty details are not provided in this manual, please retain your proof of purchase for any warranty claims. For product support, troubleshooting assistance, or to inquire about warranty information, please contact HOUHUI customer service through the retailer where you purchased the product or visit the official HOUHUI store on Amazon:

[Visit the HOUHUI Store on Amazon](#)