

**B07D9SWDLW**

# Generic Bluetooth IP67 Waterproof 5050 RGB LED Strip Light User Manual (25 Feet)

Model: B07D9SWDLW

## INTRODUCTION

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Thank you for choosing the Generic Bluetooth IP67 Waterproof 5050 RGB LED Strip Light. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your LED strip light system. Please read these instructions carefully before use and retain them for future reference.



Image: Overview of the LED strip light, Bluetooth controller, IR remote, and power supply, showcasing various color options.

## PACKAGE CONTENTS

Verify that all components are present in your package:

- 1x 25-Foot (7.6M) Roll of 12V IP67 Waterproof Color Changing SMD 5050 RGB LED Flexible Strip Light
- 1x IP67 Waterproof Bluetooth Controller
- 1x 24-Key IR Remote Control
- 1x IP67 Waterproof Power Supply with standard US plug
- 1x 10-Foot Extension Cable (controller to strip light)
- Mounting clips and screws
- Double-sided adhesive tape
- L-shaped connectors

## SPECIFICATIONS

<b>Controller Protocol</b>	Bluetooth (Android 4.4+ / iOS 10.0+ Supported)
<b>Strip Length</b>	25 Feet (7.6 Meters)
<b>LED Quantity</b>	642 LEDs
<b>Beam Angle</b>	120°
<b>Input Voltage</b>	12V DC
<b>Working Power</b>	60W
<b>Working Temperature</b>	-22°F to 158°F (-30°C to 70°C)
<b>Waterproof Rating</b>	IP67 (Strip, Controller, Power Supply)
<b>Lifetime</b>	50,000+ hours
<b>Light Source Type</b>	LED
<b>Control Method</b>	App, IR Remote

## SETUP AND INSTALLATION

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Follow these steps for proper installation:

- 1. Unroll the LED Strip:** Completely unroll the LED strip from its reel before powering it on to prevent damage from overheating.
- 2. Connect Components:**
  - Connect the power supply to the Bluetooth controller.
  - Connect the 10-foot extension cable to the Bluetooth controller.
  - Connect the LED strip light to the extension cable. Ensure all connections are secure.
- 3. Mounting:** Use the provided mounting clips and screws or the double-sided adhesive tape to secure the LED strip light to your desired surface. For optimal adhesion with tape, ensure the surface is clean and dry.
- 4. Cutting the Strip (Optional):** If a shorter length is required, the strip can be cut at designated intervals (every 3 LEDs). Ensure the strip is powered off before cutting. Use L-shaped connectors for corners or to rejoin cut sections if needed.
- 5. Power On:** Plug the power supply into a standard US electrical outlet.



Image: Various installation accessories including mounting clips, screws, double-sided adhesive tape, and L-shaped connectors.

## **OPERATING INSTRUCTIONS**

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### **Using the 24-Key IR Remote**

The included 24-key IR remote allows for basic control of the LED strip light. Point the remote directly at the Bluetooth controller for optimal response.



Image: The 24-key infrared remote control with color selection buttons and mode controls.

- **Power On/Off:** Use the red and green buttons at the top.
- **Color Selection:** Press the colored buttons to change the light color.
- **Brightness Adjustment:** Use the up/down arrows for brightness control.
- **Dynamic Modes:** Select from various pre-programmed dynamic lighting effects.

## Using the Bluetooth App

For advanced control and features, download the dedicated Bluetooth app:

1. **Download the App:** Search for "ledble" on the Apple App Store or Google Play Store, or scan the QR code provided in the image below. You can also visit <http://www.hao2b.cn/69605> for more information.
2. **Connect via Bluetooth:** Open the app. It should automatically detect and connect to your LED strip light controller.
3. **App Features:**
  - **RGB Color Touch Ring:** Select any color from the spectrum.
  - **Brightness Control:** Adjust the intensity of the lights.
  - **Dynamic Modes:** Choose from 20 dynamic lighting modes.
  - **Music Mode:** The strip light color will change in sync with music rhythms.
  - **Timer Setting:** Schedule the strip light to turn on/off automatically.
  - **Memory Function:** The system remembers your last lighting setup and will automatically revert to it when powered on.



Image: Screenshot of the Bluetooth app interface, displaying the RGB color touch ring, power controls, music mode, and timer settings.

## MAINTENANCE

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To ensure the longevity and optimal performance of your LED strip light:

- **Cleaning:** Gently wipe the LED strip with a soft, damp cloth to remove dust or debris. Do not use harsh chemicals or abrasive cleaners.
- **Waterproof Integrity:** While rated IP67, avoid submerging the power supply and controller for extended periods. Ensure all connections are tight to maintain waterproof sealing.
- **Storage:** If storing the strip light, ensure it is clean, dry, and rolled loosely to prevent damage to the LEDs or wiring.

## TROUBLESHOOTING

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If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, faulty power supply/controller.	Check power outlet. Ensure all cables are securely connected. Test power supply with another device if possible.
Remote control not working.	Remote battery low/dead, IR sensor blocked, remote too far.	Replace remote battery. Ensure direct line of sight to the controller's IR sensor. Operate within close range (approx. 20 feet).

App cannot connect to the strip light.	Bluetooth not enabled, app not open, controller not powered.	Ensure Bluetooth is enabled on your device. Close and reopen the app. Verify the LED strip and controller are powered on.
Some colors are incorrect or not displaying.	Damaged LEDs, faulty connection within the strip.	Inspect the strip for visible damage. Ensure connections are firm. If a section is faulty, it may require replacement.

## WARRANTY AND SUPPORT

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If you encounter any problems with your product, please contact customer service. You can typically find a "seller contact" button within your purchase history on the platform where you acquired the product. The manufacturer is committed to assisting you and will respond promptly to inquiries.