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> [JESLED LED Strip 10M SMD 5050 RGB Lights with Bluetooth Controller and 44-Key Remote Instruction Manual](#)

JESLED JW-WP5050-24V-RGB-BT

JESLED LED Strip 10M SMD 5050 RGB Lights

INSTRUCTION MANUAL

1. Package Contents

Please verify that all components are present in your package:

- 10M (2x 5M) JESLED SMD 5050 RGB LED Strip
- Bluetooth Controller
- 44-Key IR Remote Control
- Power Adapter (24V)
- Connectors and Adhesive Clips



Image 1: Overview of the JESLED LED Strip package contents, showing the LED strips, remote, power adapter, and various accessories.

2. Setup Instructions

2.1 Preparation

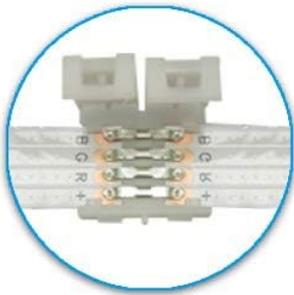
- **Unspool the Strips:** Before powering on, completely unspool the LED strips from their reels. Operating the strips while still spooled can cause overheating and damage.
- **Clean Surface:** Ensure the installation surface is clean, dry, and smooth for optimal adhesive performance.

Install Notification



Unspool the Strips

Please unspool the strips off the reel before powered on to avoid overheat that may cause damage to the strips



Customizable

Strips are cuttable, linkable but not extendable to longer length.



Cut the strips on the Cut mark, 2 connectors include, get more if you need at storefront.



Image 2: Visual guide for installation, illustrating the importance of unspooling LED strips to prevent overheating and showing the designated cut marks for customization.

2.2 Connection Guide

1. **Connect LED Strip to Controller:** Align the arrow on the LED strip connector with the arrow on the Bluetooth controller's output cable. Insert firmly.
2. **Connect Power Adapter to Controller:** Plug the power adapter's DC output into the input port of the Bluetooth controller.
3. **Remove Remote Battery Tab:** If applicable, pull out the clear plastic tab from the 44-key remote control to activate its battery.
4. **Plug into Power Outlet:** Connect the power adapter to a suitable electrical outlet.

How to correctly connect the LED strips light



Image 3: Step-by-step connection diagram for the LED strip, controller, and power adapter, highlighting the arrow alignment for proper connection.

2.3 Customization (Cutting)

The LED strips are cuttable at designated marks. Look for the copper pads with a scissor icon. Cut only at these marks. Cutting elsewhere will damage the strip. Connectors are included for rejoining cut sections if needed.

3. Operating Instructions

3.1 Using the 44-Key Remote Control

The remote control allows for basic and advanced functions:

- **ON/OFF:** Power the lights on or off.
- **Color Selection:** Choose from 20 preset static colors.
- **Brightness Adjustment:** Increase or decrease the light intensity.
- **DIY Buttons (DIY1-DIY6):** Customize and save your preferred colors. Press a DIY button, then use the RGB arrows to adjust the color, and press the DIY button again to save.
- **Mode Selection:** Access various dynamic modes like Flash, Strobe, Fade, and Smooth.
- **Speed Adjustment:** Control the speed of dynamic modes.



Image 4: Illustration of the 44-key remote control, detailing its buttons for power, color selection, brightness, DIY color customization, and various lighting modes.

3.2 Using the Bluetooth App

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

1. **Download App:** Scan the QR code in the product packaging or search for the app name (usually 'HappyLighting' or similar, check packaging for exact name) in your device's app store.
2. **Enable Bluetooth:** Turn on Bluetooth on your smartphone or tablet.
3. **Connect:** Open the app. It should automatically detect and connect to your LED strip controller.
4. **Control Features:** The app offers a color wheel for precise color selection, various dynamic modes, music synchronization, microphone mode, and a timer function.

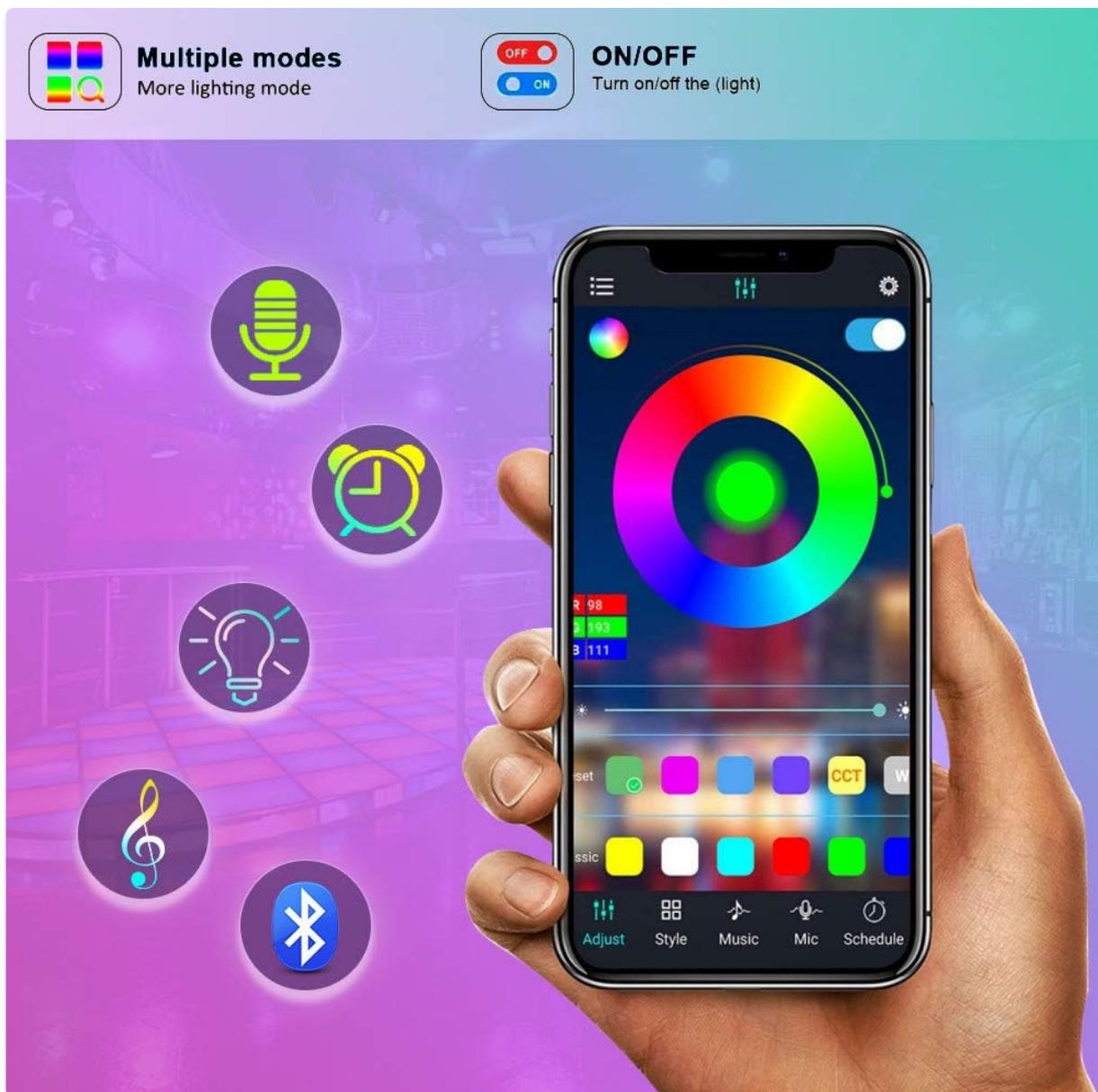


Image 5: The smartphone app interface for controlling the LED strips, featuring a color wheel for custom colors and icons for various functions like music sync and timing.

3.3 Music Synchronization Mode

The LED strip can synchronize its lighting effects with music or ambient sound:

- **App Music Mode:** Within the app, select the 'Music' tab to play music from your device, and the lights will react to the rhythm.
- **Microphone Mode:** Use the 'Mic' tab in the app, or select the music mode on the remote, to allow the built-in microphone on the controller to pick up ambient sounds and music, making the lights dance to the beat.

SYNC TO THE MUSIC BEATS

With music mode and microphone mode

Using the music mode or microphone mode in the APP can make the light strip rhythm with the beat of the music or any external sound

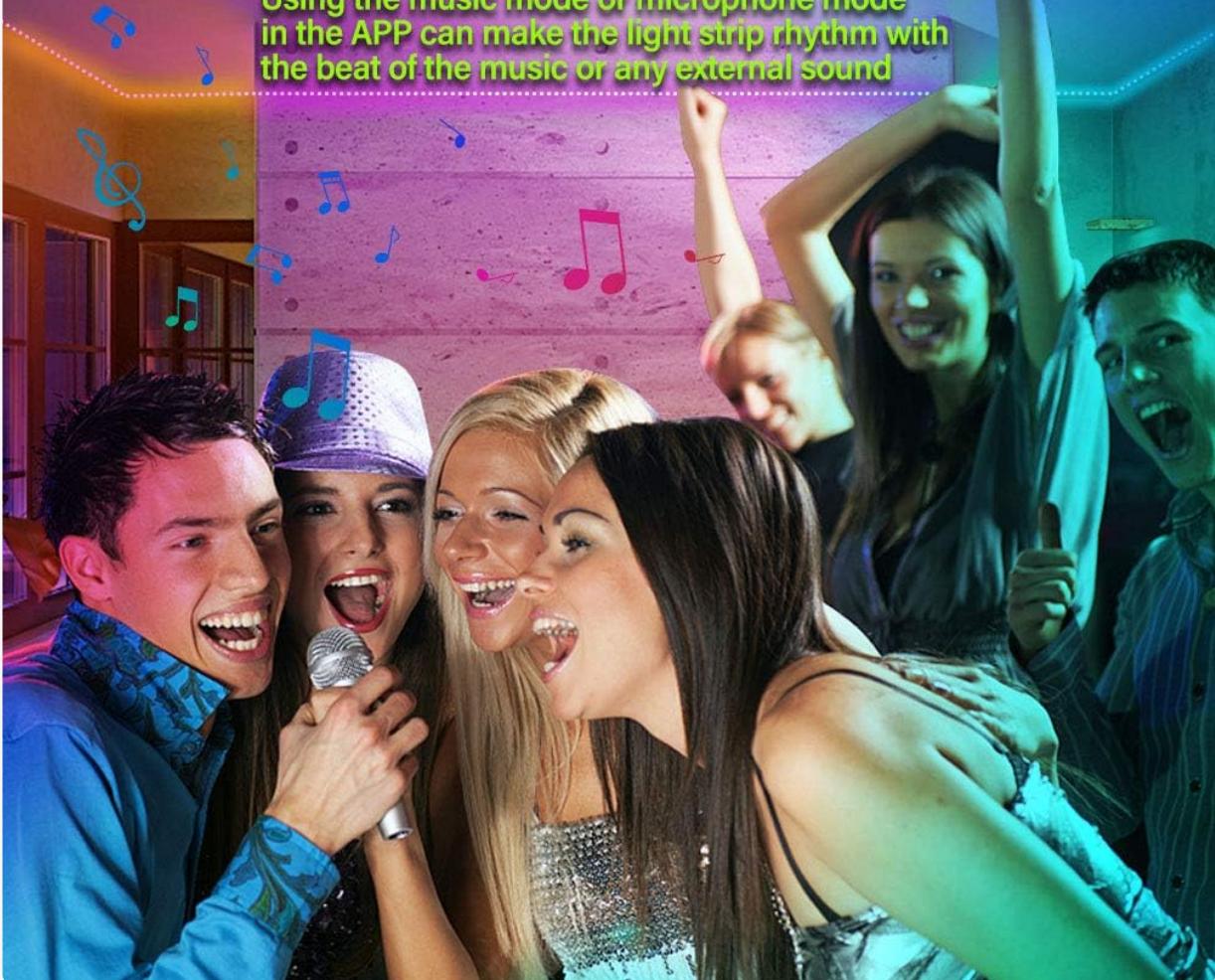


Image 6: Depiction of the LED strip's music synchronization feature, showing lights changing in response to sound, creating an immersive atmosphere.

4. Maintenance

4.1 Cleaning

To clean the LED strips, gently wipe them with a dry, soft cloth. Do not use liquid cleaners or abrasive materials, as these can damage the strip or its components. Ensure the power is disconnected before cleaning.

4.2 Storage

If storing the LED strips for an extended period, ensure they are clean and dry. Roll them loosely back onto their original reels or a similar spool to prevent kinking or damage to the circuit board.

5. Troubleshooting

- **Lights Not Turning On:**
 - Check all connections (power adapter, controller, LED strip) to ensure they are secure and correctly aligned (arrow to arrow).
 - Verify the power adapter is plugged into a working outlet.

- Ensure the plastic tab has been removed from the remote control battery compartment.
- Try using the app to turn on the lights, or vice versa, to isolate the issue.
- **Remote Control Not Working:**
 - Ensure the plastic battery tab is removed.
 - Replace the CR2025 battery in the remote if it's depleted.
 - Point the remote directly at the IR receiver on the controller.
 - Note: Some users report interference if multiple similar LED strips are in close proximity.
- **App Not Connecting:**
 - Ensure Bluetooth is enabled on your device.
 - Restart the app and try again.
 - Restart your phone/tablet.
 - Unplug and replug the LED strip power to reset the controller.
 - Ensure no other device is currently connected to the LED strip via Bluetooth.
- **Lights Changing Color Randomly:**
 - This can sometimes occur due to interference from other IR devices or nearby LED strips. Try repositioning the controller or reducing other IR signals in the area.
 - Ensure the remote is not accidentally being pressed.
- **Adhesive Not Holding:**
 - Ensure the installation surface is clean, dry, and smooth before application.
 - Apply firm pressure along the strip during installation.
 - For rough or textured surfaces, consider using additional adhesive clips (included) or stronger mounting tape.
- **Incorrect Colors Displayed:**
 - Check the arrow-to-arrow connection between the strip and controller. An incorrect connection can lead to color issues.
 - Try resetting the controller by unplugging and replugging the power.

6. Technical Specifications

Feature	Specification
Brand	JESLED
Model Number	JW-WP5050-24V-RGB-BT
LED Type	SMD 5050 RGB
Length	10 Meters
Voltage	24 Volts
Power	72 Watts
Number of Lights	450
Controller Type	Bluetooth App / 44-Key IR Remote
Product Dimensions	14.8 x 14.5 x 6.5 cm (Package)
Item Weight	310 grams
Batteries Included	Yes (1 CR2 for remote)

