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› DAYBETTER 100 ft Smart WiFi LED Strip Lights Instruction Manual

DAYBETTER FLSL501630DB-V2

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Model: FLSL501630DB-V2

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your DAYBETTER 100 ft Smart WiFi LED Strip Lights. These lights offer versatile color options, smart control features, and are compatible with popular voice assistants. Please read this manual thoroughly before use to ensure proper functionality and safety.

2. PACKAGE CONTENTS

Verify that all components are present in your package:

- 2 x 50 ft LED strips (total 100 ft)
- 1 x Power adapter
- 1 x IR receiver
- 1 x 20-key music remote control



Image 2.1: Contents of the DAYBETTER 100 ft Smart WiFi LED Strip Lights package, including two rolls of LED strips, a power adapter, an IR receiver, a remote control, and smart speakers for illustration.

3. SAFETY INFORMATION

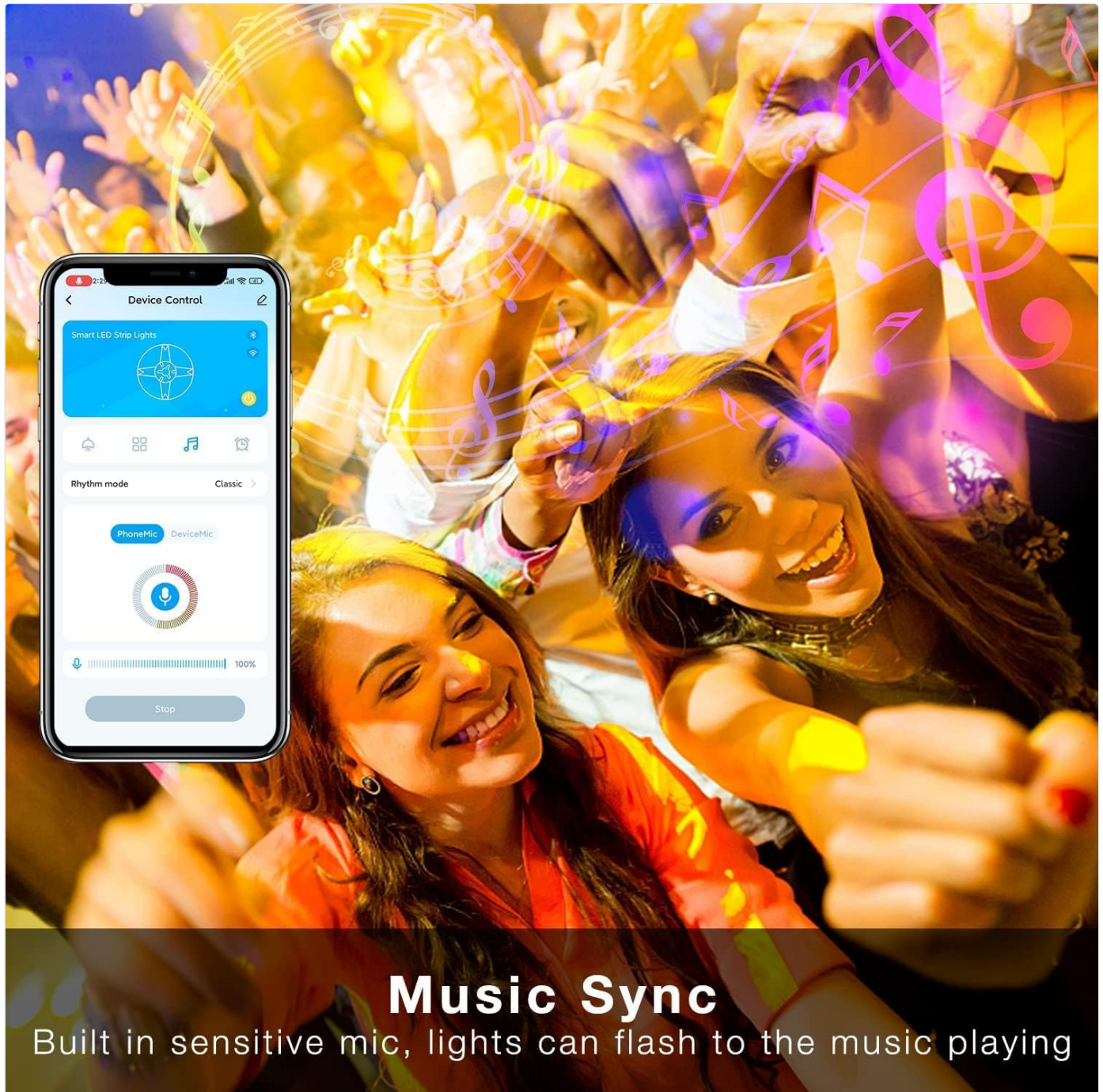
Observe the following safety precautions:

- Ensure the power supply is disconnected before installation or maintenance.
- This product is designed for indoor use only. Do not expose to water or high humidity.
- Do not cover the LED strips with flammable materials.
- Avoid bending the LED strips sharply, as this may damage the circuit.
- Keep out of reach of children.
- Only use the provided power adapter.

4. SETUP AND INSTALLATION

Follow these steps for proper installation:

1. **Prepare the Surface:** Clean the desired installation surface thoroughly. Ensure it is dry and free of dust or grease for optimal adhesive performance.
2. **Connect Components:** Connect the LED strip(s) to the IR receiver, ensuring the arrows on the connectors align. Then, connect the IR receiver to the power adapter.
3. **Adhere the Strips:** Peel off the protective backing from the adhesive tape on the back of the LED strips. Carefully press the strips onto the cleaned surface. For long-term adhesion, consider using additional clips (not included).
4. **Power On:** Plug the power adapter into a standard electrical outlet.



Music Sync

Built in sensitive mic, lights can flash to the music playing

Image 4.1: Diagram illustrating the connection process for the LED strips, IR receiver, and power adapter. Ensure arrows align when connecting the strip to the receiver.

4.1 LED Strip Features

- **5050 RGB LEDs:** Provides vibrant and diverse color options.
- **Strong Adhesive:** Designed for secure mounting. Ensure surface is clean and dry before application.
- **Cuttable:** The LED strips can be cut at designated gold lines to fit specific lengths. Only cut at these marked points. Note that cut-off pieces require a separate controller to function.
- **Connectable:** Strips can be connected end-to-end.

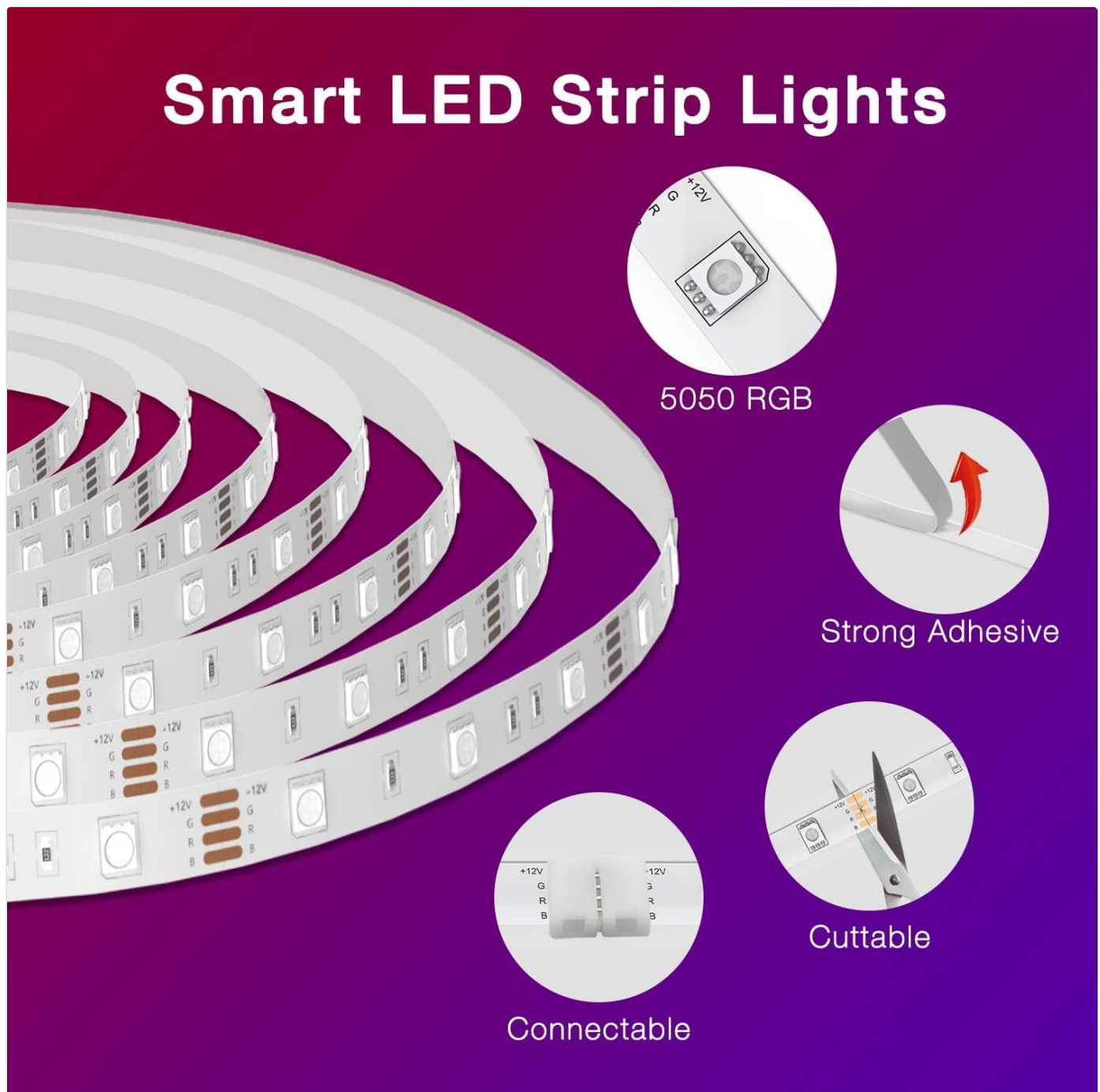


Image 4.2: Visual representation of the LED strip features, highlighting 5050 RGB LEDs, strong adhesive, cuttable sections, and connectable points.

5. APP CONTROL

Control your LED lights using the dedicated smartphone application.

1. **Download the App:** Search for the recommended smart home app (e.g., Tuya Smart or Smart Life) in your device's app store (iOS or Android).
2. **Register/Log In:** Create an account or log in if you already have one.

3. **Add Device:** Follow the in-app instructions to add your LED strip lights. Ensure your phone is connected to a 2.4GHz Wi-Fi network, as the lights do not support 5GHz Wi-Fi.
4. **Pairing Mode:** To put the lights into pairing mode, power them on, then hold the "ON" button on the remote for approximately 3-5 seconds until the lights begin flashing.
5. **Control Features:** Once connected, you can access 16 million colors, adjust brightness from 0-100%, select various scene modes, and set custom lighting effects.



App Control & Remote Control

16 million colors and 0-100% brightness levels

Image 5.1: A smartphone displaying the app control interface for selecting colors and adjusting brightness, alongside the physical remote control.

6. REMOTE CONTROL

The included 20-key IR remote control provides quick access to basic functions.

- **Power On/Off:** Turn the lights on or off.
- **Color Selection:** Choose from preset static colors.

- **Brightness Adjustment:** Increase or decrease light intensity.
- **Mode Selection:** Cycle through various dynamic lighting modes.
- **Music Mode:** Activate the music synchronization feature.

Ensure the remote is pointed towards the IR receiver for effective control.

7. VOICE CONTROL (ALEXA AND GOOGLE ASSISTANT)

Integrate your LED lights with Amazon Alexa or Google Assistant for hands-free control.

1. **Enable Skill/Service:** In your Alexa or Google Home app, search for and enable the skill/service corresponding to your smart home app (e.g., Tuya Smart or Smart Life).
2. **Link Account:** Link your smart home app account with your Alexa or Google Home account.
3. **Discover Devices:** Ask Alexa or Google Assistant to discover new devices, or manually initiate device discovery in the app.
4. **Voice Commands:** Once discovered, you can use voice commands such as:
 - "Alexa/Hey Google, turn on the [Light Name]."
 - "Alexa/Hey Google, set [Light Name] to blue."
 - "Alexa/Hey Google, dim [Light Name] to 50%."

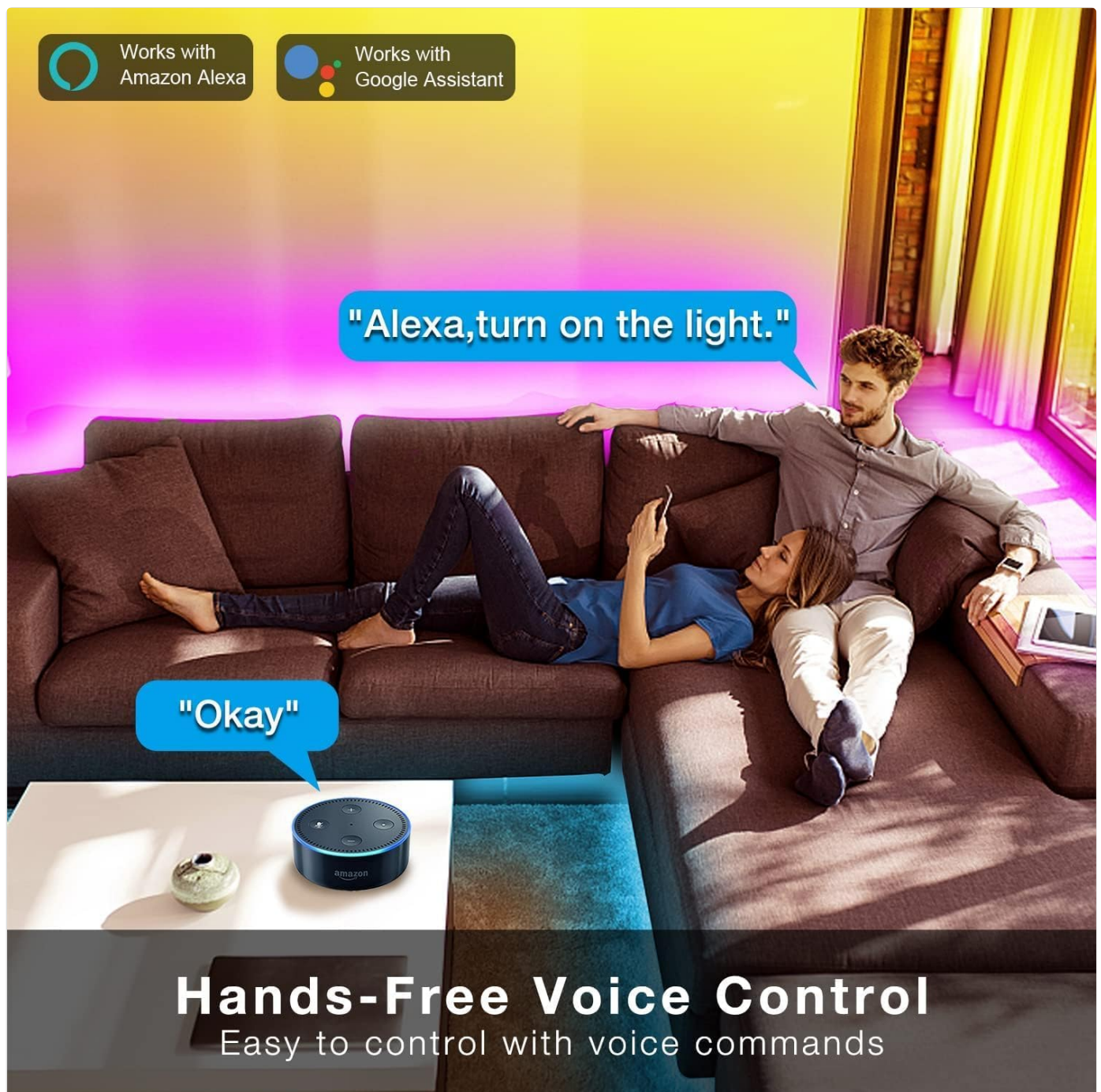


Image 7.1: A living room scene demonstrating voice control, with smart speakers responding to commands to adjust the LED strip lighting.

8. MUSIC SYNC FEATURE

The built-in sensitive microphone allows the LED lights to synchronize with music, creating a dynamic lighting experience.

- **Activation:** Activate music sync mode via the smartphone app or the dedicated button on the remote control.
- **Sound Detection:** The lights will respond to ambient sounds and music, changing colors and patterns in rhythm.
- **Customization:** Some apps may offer options to adjust sensitivity or specific music modes.



Image 8.1: People enjoying a lively atmosphere with LED lights flashing in sync with music, controlled via a smartphone app.

9. TIMER SCHEDULE

Set schedules for your LED lights to automatically turn on or off at specific times.

- **Access Timer Settings:** Open the smart home app and navigate to the timer or schedule section for your LED lights.
- **Set On/Off Times:** Configure desired times for the lights to turn on and off. You can often set daily or weekly recurring schedules.
- **Wake-up/Sleep Modes:** Utilize this feature for gentle wake-up lighting or to gradually dim lights for sleep.

Easy Installation

Simple to set up and convenient to use



Image 9.1: A person sleeping in a room with LED lighting, while a smartphone displays the timer schedule settings for automatic light control.

10. MAINTENANCE

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

- **Cleaning:** Gently wipe the LED strips with a dry, soft cloth to remove dust. Do not use liquid cleaners or abrasive materials.
- **Adhesive:** If the adhesive begins to weaken over time, reinforce the strips with additional mounting clips or double-sided tape.
- **Storage:** If storing the lights, ensure they are clean, dry, and coiled loosely to prevent damage.

11. TROUBLESHOOTING

Refer to the following solutions for common issues:

Problem	Possible Cause	Solution
Lights do not turn on.	Power adapter not connected; IR receiver not properly connected; remote battery depleted.	Check all connections; ensure power outlet is functional; replace remote battery.
Lights not connecting to Wi-Fi/App.	Incorrect Wi-Fi band (5GHz); lights not in pairing mode; weak Wi-Fi signal.	Ensure connection to 2.4GHz Wi-Fi; put lights into pairing mode (hold remote ON button 3-5s); move closer to router.
Remote control not working.	Remote battery depleted; IR receiver obstructed; remote not pointed at receiver.	Replace remote battery; ensure clear line of sight to IR receiver.
Some LEDs are not displaying correct colors or are off.	Damage to a section of the strip.	This may indicate a damaged section. If within warranty, contact customer support.
Cannot cut the strip.	Attempting to cut at an unmarked section.	Only cut the strip at the designated gold lines.

12. SPECIFICATIONS

Brand	DAYBETTER
Model Number	FLSL501630DB-V2
Total Length	100 ft (2 x 50 ft rolls)
Light Source Type	LED (5050 RGB)
Number of Light Sources	540
Color	Multicolor
Power Source	DC
Voltage	24 Volts
Control Method	App, Remote, Amazon Alexa, Google Assistant
Indoor/Outdoor Usage	Indoor
Water Resistance Level	Not Water Resistant
Material	Plastic
Item Weight	9.1 ounces

Package Dimensions

8.46 x 8.35 x 0.98 inches

13. WARRANTY AND SUPPORT

DAYBETTER products are designed for quality and reliability. For warranty information, technical support, or any questions regarding your product, please refer to the contact information provided with your purchase or visit the official DAYBETTER website. Please retain your proof of purchase for warranty claims.

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