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> Fussion 130ft Smart LED Strip Lights User Manual

Fussion GW_SX_40M_01

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Model: GW_SX_40M_01

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Fussion 130ft Smart LED Strip Lights. Please read this manual thoroughly before use to ensure proper functionality and safety. These LED strip lights are designed for indoor decorative lighting, offering various control methods including a mobile application, an infrared (IR) remote, and a built-in microphone for music synchronization.



Figure 1: Fussion 130ft Smart LED Strip Lights Kit Components

2. SAFETY INFORMATION

- 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.
- Use only the provided UL listed power adapter. Using unauthorized power adapters may cause damage or fire.
- Do not bend the LED strip sharply or apply excessive force, as this may damage the circuit.
- Keep out of reach of children.
- Avoid looking directly at the illuminated LEDs for extended periods.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Fussion 130ft LED Strip Lights

- UL Listed Power Adapter
- Control Box with Built-in Microphone
- 24-Key IR Remote Control
- Mounting Clips (if included)
- User Manual

4. SETUP AND INSTALLATION

4.1 Preparation

1. Unroll the LED strip lights completely before powering them on to prevent overheating.
2. Clean the surface where the lights will be installed. Ensure it is dry and free of dust or oil for optimal adhesive performance.
3. Plan the route for your LED strip lights. Avoid placing them near heat sources or in areas with direct sunlight.

4.2 Connecting the Components

1. Connect the LED strip to the control box. Ensure the arrows on the connectors align.
2. Connect the UL listed power adapter to the control box.
3. Plug the power adapter into a standard electrical outlet.

4.3 Attaching the LED Strip

1. Peel off the protective backing from the adhesive tape on the back of the LED strip.
2. Carefully press the strip onto the cleaned surface, applying firm and even pressure along its length.
3. For added security, use the provided mounting clips at regular intervals, especially around corners or areas where the adhesive might be less effective.



Illuminate Your Life with Vivid Colors

Create romantic and relaxing atmosphere lights

Figure 2: Example Installation in a Kitchen Environment

5. OPERATING INSTRUCTIONS

5.1 Mobile Application Control

The Fussion Smart LED Strip Lights can be controlled via a dedicated mobile application.

1. **Download the App:** Scan the QR code on the control box or search for the app (e.g., "Illumi" or similar, as indicated on packaging) in the Google Play Store (for Android) or iOS App Store (for Apple devices).

2. **Connect via Bluetooth:** Ensure Bluetooth is enabled on your smartphone. Open the app, and it should automatically detect and connect to your LED strip lights.

3. **App Functions:**

- **Color Adjustment:** Select from a wide spectrum of colors.
- **Brightness Control:** Adjust the light intensity.
- **On/Off:** Power the lights on or off.
- **Music Sync:** Activate music mode to make the lights pulsate and change colors with environmental sound and music detected by your phone's microphone.
- **Timer Function:** Set schedules for the lights to turn on or off automatically.
- **Scene Modes:** Choose from various pre-programmed lighting effects.
- **DIY Modes:** Create and save custom color-changing sequences and speeds.

Fully Featured APP control



Figure 3: Mobile Application Interface for Light Control

5.2 IR Remote Control

The included 24-key IR remote control provides convenient access to essential functions.

- **Power Button:** Turn lights on/off.
- **Brightness Adjustment:** Increase or decrease light intensity.
- **Preset Colors:** Select from 20 predefined static colors.
- **DIY Options:** Customize and save your own color settings.

- **Music Mode Buttons:** Activate music synchronization, allowing lights to change with detected beats.
- **Timer:** Set the lights to turn off after 15 minutes, 30 minutes, or 1 hour.

5.3 Microphone Control (Music Sync)

The control box features a sensitive built-in microphone. When music mode is activated (either via app or remote), the lights will pulsate and change colors in response to ambient sounds and music.



LED-Leuchtband Musik Sync

Eingebautes Mikrofon im Mini-Controller, so dass Sie Musik über das Mikrofon abspielen können. das Mikrofon dann Lichter pulsiert zusammen

Figure 4: Music Synchronization in Action

6. MAINTENANCE

- **Cleaning:** Gently wipe the LED strips with a dry, soft cloth to remove dust. Do not use liquid cleaners or abrasive materials.
- **Storage:** If storing the lights for an extended period, ensure they are clean and dry. Roll them loosely to avoid damaging the circuit.
- **Adhesive:** If the adhesive weakens over time, additional mounting clips or double-sided tape can be used to secure the strips.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on	Power adapter not connected; loose connection; remote battery dead	Check all connections; ensure power adapter is plugged in; replace remote battery.
Lights show incorrect colors or partial segments	Loose connection between strip and controller; damaged LED segment	Ensure the strip connector is fully inserted and aligned correctly (arrow to arrow); if a segment is damaged, contact customer service.
Remote control not working	Remote battery dead; IR sensor blocked; remote too far from sensor	Replace remote battery; ensure no obstructions between remote and control box; operate remote within close range of the control box.
App cannot connect to lights	Bluetooth off; app not updated; lights not powered on	Ensure Bluetooth is enabled on your phone; update the app; confirm lights are powered on.
Adhesive not holding	Surface not clean/dry; uneven surface; excessive weight/tension	Re-clean and dry surface; use additional mounting clips or stronger double-sided tape.

8. SPECIFICATIONS

- **Model Number:** GW_SX_40M_01
- **Brand:** Fussion
- **Length:** 130ft
- **Light Source Type:** LED
- **Color:** Multicolor
- **Control Methods:** App, Remote Control, Microphone
- **Power Source:** Corded Electric
- **Voltage:** 12 Volts
- **Indoor/Outdoor Usage:** Indoor
- **Water Resistance Level:** Not Water Resistant
- **Material:** Copper, Metal

- **Item Weight:** 9.1 ounces
- **UPC:** 767119731606

9. WARRANTY AND CUSTOMER SUPPORT

Fussion provides an **18-month warranty** for this product. If you encounter any issues during installation, experience defective items, or require assistance, please contact our customer service. We aim to resolve all inquiries within 24 hours.

For prompt support, please refer to the customer service email provided on your product packaging or purchase documentation.

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