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Keepsmile MHH077

Keepsmile 50ft Bluetooth Smart APP Control RGB LED Strip Lights User Manual

Model: MHH077

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Keepsmile 50ft Bluetooth Smart APP Control RGB LED Strip Lights. Please read this manual thoroughly before use to ensure proper functionality and safety.

The Keepsmile LED strip lights offer vibrant RGB color changing capabilities, smart control via a mobile application, and a remote control for versatile lighting options. They are designed for indoor use to enhance various environments such as bedrooms, kitchens, and living areas.

PACKAGE CONTENTS

Verify that all components are present in the package:

- 50ft RGB LED Strip Light
- Power Adapter
- Remote Control (44-key infrared)
- Control Box (integrated with Bluetooth module)
- User Manual (this document)



Image: Overview of the Keepsmile 50ft LED Strip Lights, including the coiled strip, remote control, power adapter, and control box.

SAFETY INFORMATION

- This product is designed for **indoor use only**. Do not expose to water or high humidity.
- Ensure the power adapter voltage matches your local power supply before connecting.
- Do not cut the LED strip while it is connected to power.
- Avoid bending the LED strip at sharp angles to prevent damage to the circuit.
- Keep out of reach of children.
- If any part of the product is damaged, discontinue use immediately and contact support.

SETUP GUIDE

1. Surface Preparation

Before installation, ensure the surface is clean, dry, and smooth. Dust, oil, or uneven surfaces can affect the adhesive's effectiveness. Wipe the surface with a clean cloth if necessary.

2. Testing the Lights

Before permanently adhering the strip, connect the LED strip to the control box and then to the power adapter. Plug the power adapter into an outlet to test if the lights function correctly. This step helps identify any issues before full installation.

3. Adhering the LED Strip

1. Peel off a small section of the protective backing from the adhesive tape on the back of the LED strip.
2. Carefully press the exposed adhesive section onto your desired surface.
3. Continue to peel off the backing and press the strip firmly along the installation path. Avoid stretching the strip.
4. For corners, use the provided connectors or gently bend the strip without creasing the circuit board.



Image: An example of LED strip lights installed along a ceiling, demonstrating proper placement.

4. Connecting Components

- Connect the LED strip to the control box. Ensure the arrows on the connectors align.
- Connect the power adapter to the control box.
- Plug the power adapter into a standard electrical outlet.



Image: Diagram showing the connection points between the LED strip, control box, and power adapter.

OPERATING INSTRUCTIONS

1. Remote Control Operation

The included 44-key infrared remote control allows for basic functions:

- **Power On/Off:** Press the red button.
- **Brightness Adjustment:** Use the up/down arrow buttons.
- **Color Selection:** Choose from preset colors.
- **Mode Selection:** Cycle through various dynamic modes (e.g., flash, strobe, fade).

- **DIY Colors:** Some remotes allow for custom color mixing.



Image: The 44-key infrared remote control for the LED strip lights, showing various buttons for color, mode, and brightness adjustments.

2. Smart APP Control (Bluetooth)

For advanced features and greater control, use the dedicated smartphone application.

1. **Download the App:** Scan the QR code on the control box or in the quick start guide, or visit <http://app.keepsmile.com/scanApp> to download the "Keepsmile" app.
2. **Enable Bluetooth:** Ensure Bluetooth is enabled on your smartphone.
3. **Open the App:** The app should automatically detect and connect to the LED strip lights.
4. **App Features:**
 - **Color Selection:** Access a full spectrum of colors.
 - **Brightness & Saturation:** Fine-tune light intensity and color vibrancy.
 - **Dynamic Modes:** Choose from various pre-programmed lighting effects.

- **Music Sync Mode:** The lights will change color and pattern in sync with music played through your phone's microphone.
- **Timer Function:** Schedule automatic power on/off times.
- **DIY Modes:** Create and save custom lighting effects.



Image: Screenshot of the Keepsmile mobile application interface, demonstrating color selection and control options.



Image: A visual representation of the timer setting feature within the Keepsmile app, showing scheduled on/off times.

MAINTENANCE

- **Cleaning:** Gently wipe the LED strip with a dry, soft cloth to remove dust. Do not use liquid cleaners or abrasive materials.
- **Storage:** If storing the lights, ensure they are clean and dry. Coil them loosely to prevent damage to the strip or wiring.
- **Adhesive:** The adhesive is designed for a single application. Avoid repeated removal and re-application, as this will reduce its effectiveness.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Lights do not turn on.	<ul style="list-style-type: none"> Power adapter not connected or faulty. LED strip not properly connected to control box. Remote control battery depleted. 	<ul style="list-style-type: none"> Check power connections and try a different outlet. Ensure connectors are aligned (arrow to arrow) and fully inserted. Replace remote control battery (CR2025 or similar).
Remote control not working.	<ul style="list-style-type: none"> Remote battery depleted. Obstruction between remote and control box sensor. Remote too far from sensor. 	<ul style="list-style-type: none"> Replace remote control battery. Ensure a clear line of sight to the control box sensor. Move closer to the control box.
App cannot connect to lights.	<ul style="list-style-type: none"> Bluetooth not enabled on phone. App not granted Bluetooth permissions. Lights are too far from the phone. 	<ul style="list-style-type: none"> Enable Bluetooth on your smartphone. Check app permissions in your phone settings. Move your phone closer to the control box. Restart the app and/or power cycle the lights.
Some sections of the strip are not lighting up or show incorrect colors.	<ul style="list-style-type: none"> Damage to the LED strip. Improper cutting or connection if customized. 	<ul style="list-style-type: none"> Inspect the strip for visible damage. Ensure cuts were made only on designated marks and connectors are properly used. Contact customer support if damage is present.

SPECIFICATIONS

- **Model:** MHH077
- **Length:** 50 feet (15.24 meters)
- **Light Source:** LED (Type 5050)
- **Color:** RGB (Multicolor, White)
- **Control Methods:** Bluetooth APP Control, 44-key IR Remote Control
- **Power Source:** Corded Electric
- **Voltage:** 24 Volts
- **Wattage:** 36 Watts
- **Indoor/Outdoor Usage:** Indoor Only
- **Water Resistance Level:** Not Water Resistant
- **Special Features:** Color Changing, Music Sync, Timer Mode, Dimmable

- **Included Components:** Power Adapter
- **Item Weight:** Approximately 0.31 Pounds (5 ounces)

WARRANTY AND SUPPORT

Keepsmile products are designed for quality and reliability. For warranty information, technical support, or assistance with your product, please contact Keepsmile customer service through the official brand store or the contact information provided with your purchase.

Visit the official Keepsmile Store: [Keepsmile Store on Amazon](#)

