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AILBTON 100Ft Led Neon

AILBTON 65.6ft LED Strip Lights User Manual

Model: 100Ft Led Neon

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your AILBTON 65.6ft (20m) LED Strip Lights. Please read this manual thoroughly before use to ensure proper functionality and safety.

Product Components

The package includes the following items:

- Two rolls of 32.8ft (10m) LED Strip Lights (total 65.6ft / 20m)
- 1x Power Adapter
- 1x Button Control Box
- 1x IR Remote Controller
- 1x Adhesive for controller
- 1x User Manual

Image: Overview of the AILBTON 65.6ft LED Strip Lights and included accessories.

Setup Instructions

1. **Unpack Components:** Carefully remove all items from the packaging.
2. **Prepare Surface:** Ensure the installation surface is clean, dry, and smooth.
3. **Unspool Strips:** Unspool the LED strip lights completely before connecting or powering on to prevent overheating.
4. **Connect Strips:** Connect the LED strip lights to the control box. Ensure the arrows on the connectors align.
5. **Connect Power:** Connect the power adapter to the control box, then plug the adapter into a power outlet.
6. **Adhere Strips:** Peel off the protective backing from the 3M adhesive tape on the back of the LED strips and firmly press the strips onto the desired surface. For corners, avoid sharp bends; use connectors or gentle curves.
7. **Secure Control Box:** Use the provided adhesive to secure the control box in a convenient location.

Image: Visual guide for connecting the LED strip lights and power supply, emphasizing correct arrow alignment and unspooling.

Power Supply Information:

- Input: 100-240V
- Output: 24V-1500mA
- Frequency: 50/60Hz ~ 1.5Z Max

Operating Instructions

Your LED strip lights can be controlled using the Bluetooth APP, the included IR remote, or the 4-button control box.

1. Bluetooth APP Control

1. **Download APP:** Scan the QR code provided in the manual or search for "HiLighting" on Google Play Store (Android) or iOS App Store (Apple) to download the application.
2. **Connect:** Ensure Bluetooth is enabled on your mobile device. Open the "HiLighting" app; it should automatically detect and connect to the LED strip lights.
3. **Functions:**
    - Adjust brightness and change colors.
    - Access various dynamic modes.
    - Utilize Music Mode and Microphone Mode.
    - Set timing schedules for automatic ON/OFF.

Image: Demonstrates the three ways to control the LED lights: via the physical control box, a smartphone application, and the infrared remote control.

2. IR Remote Control

Point the IR remote directly at the control box to operate the lights. The remote features:

- Power ON/OFF
- Color selection (20 preset colors)
- Brightness adjustment
- Dynamic modes
- 4 music modes

3. 4-Button Control Box

The inline control box allows basic operation:

- Switch between static, dynamic, and MIC modes.
- Power ON/OFF.

Music and Microphone Functions

- **Music Mode:** Play local music through your mobile phone. The lights will change color and pulsate with the music beats.

- **Microphone Mode:** The lights will change colors and pulsate along with environmental sounds or your voice when speaking into the microphone.

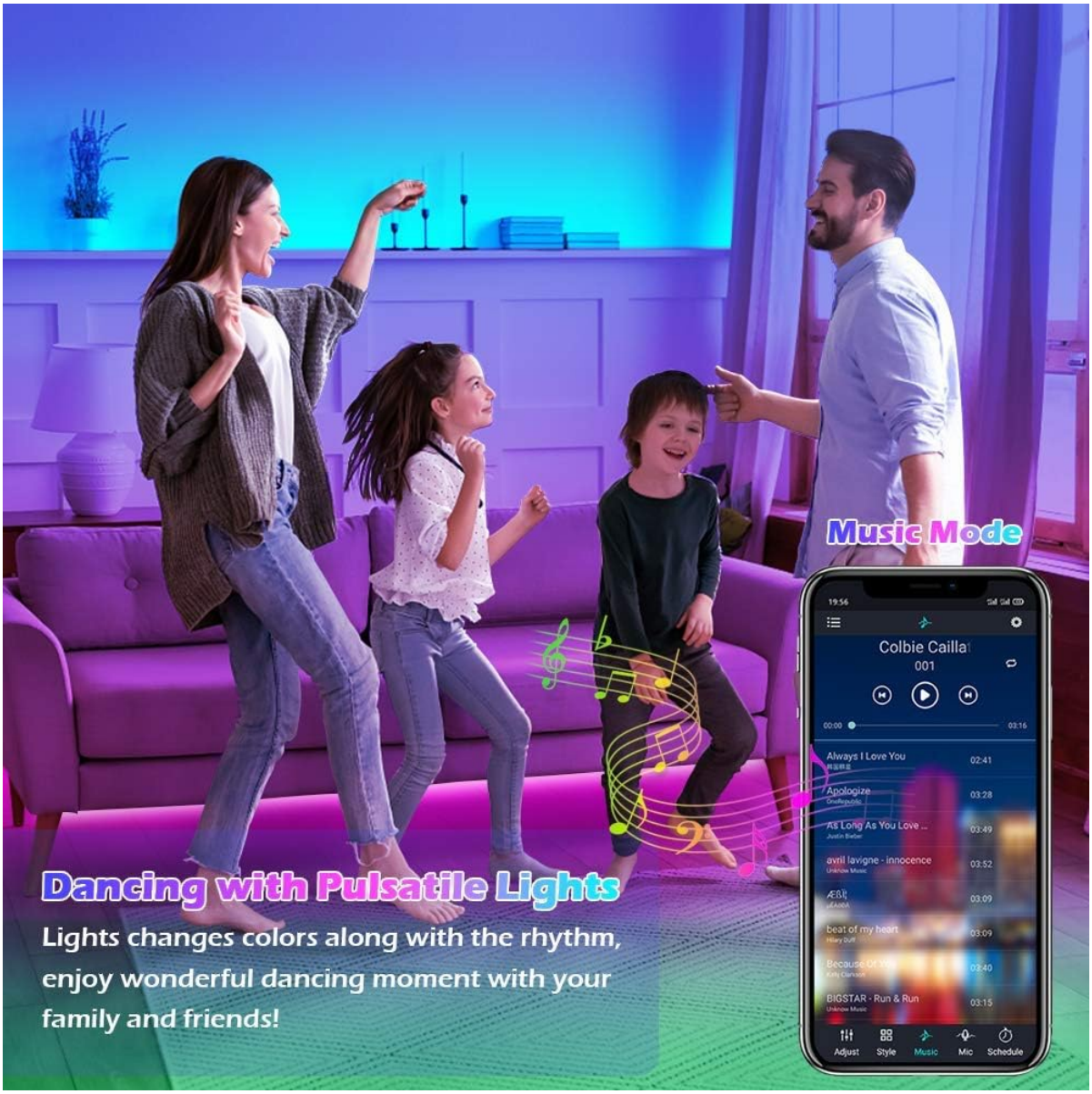

Image: Depicts the music mode feature, where LED lights synchronize with music played through a mobile application, creating a dynamic visual experience.

Timing Function

Use the APP to set a smart timing schedule for the lights to automatically turn ON or OFF at specified times. For example, set to turn ON at 7:00 AM and OFF at 11:00 PM for your sleep schedule.

Image: Illustrates the timing function accessible via the smartphone app, allowing users to schedule automatic on/off times for the LED strip lights.

Features and Applications

The AILBTON LED Strip Lights offer versatile lighting solutions with multiple features:

- **Color Changing:** RGB LEDs provide a wide spectrum of colors.
- **Dimmable:** Adjust light intensity to suit any mood or environment.
- **Multiple Control Methods:** Bluetooth APP, IR Remote, and 4-button control box.
- **Dynamic Modes:** Various pre-programmed lighting effects.
- **Music Synchronization:** Lights react to music and sound.
- **Timing Function:** Schedule automatic power ON/OFF.

These lights are suitable for indoor use in various settings:

- Living rooms, bedrooms, kitchens
- Stairs, cabinets, bars
- Party and wedding decoration
- Festivals like Christmas, Halloween, Thanksgiving

Image: Shows diverse applications of the LED strip lights in different environments, highlighting their versatility for home decoration and events.

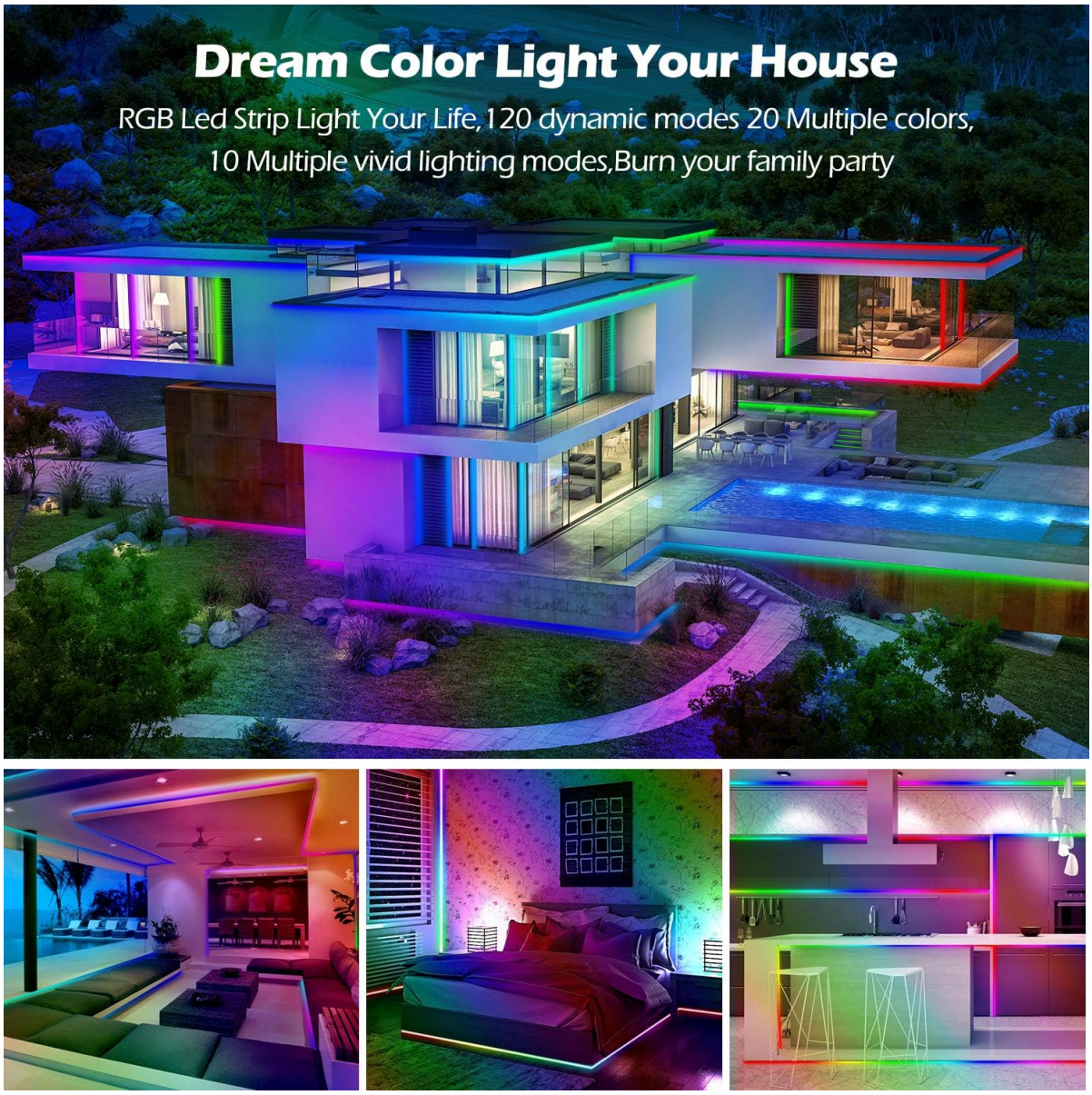

Image: Displays the aesthetic impact of RGB LED strip lights in a modern home, showcasing their use in different rooms and architectural features.

Specifications

Feature	Detail
Model Number	100Ft Led Neon
Length	65.6ft (20 meters)
Light Type	LED Strip Lights (5050 RGB)
Light Color	RGB Multicolor
Control Methods	Bluetooth APP, IR Remote, 4-Button Control Box
Voltage	12 Volts
Wattage	12 Watts
Indoor/Outdoor Usage	Indoor
Water Resistance Level	Not Water Resistant

Material	Plastic
Item Weight	14.4 ounces
Product Dimensions	7 x 7 x 0.5 inches (packaged)

Maintenance

- **Cleaning:** Gently wipe the LED strips with a dry, soft cloth. Do not use liquid cleaners or immerse in water.
- **Storage:** If storing the lights, ensure they are clean and dry. Roll them loosely to avoid damaging the strip or adhesive.
- **Adhesive:** The 3M adhesive is strong, but for long-term or uneven surfaces, additional clips or fasteners may be used (not included).
- **Non-Waterproof:** These LED strips are designed for indoor use only and are not water resistant. Avoid exposure to water or high humidity.

Troubleshooting

Problem	Possible Cause / Solution
Lights do not turn on.	◦ Check if the power adapter is securely plugged into both the control box and the power outlet. ◦ Ensure the arrows on the LED strip connectors align with the control box connector. ◦ Verify the power outlet is functional.
Remote control not working.	◦ Ensure the remote's battery is functional and correctly inserted. ◦ Point the remote directly at the IR receiver on the control box. ◦ Remove any obstacles between the remote and the control box.
APP cannot connect to lights.	◦ Ensure Bluetooth is enabled on your mobile device. ◦ Restart the "HiLighting" app. ◦ Try restarting your mobile device and the LED strip lights (unplug and replug power). ◦ Ensure your device is within Bluetooth range of the control box.
Lights are dim or inconsistent.	◦ Adjust brightness settings via the APP or remote. ◦ Ensure the power adapter is providing sufficient power. ◦ Check for any physical damage or kinks in the LED strip.
Adhesive not sticking.	◦ Ensure the surface is clean, dry, and smooth before application. ◦ For rough or textured surfaces, consider using additional mounting clips (not included).

Safety Information

- Do not cut the LED strip lights unless specifically indicated by cutting marks. Cutting elsewhere may damage the strip.
- Do not connect the LED strip lights directly to AC power without the provided power adapter.
- Avoid bending the LED strips at sharp angles, as this can damage the internal circuitry.
- Keep the product away from water, flammable materials, and extreme temperatures.
- This product is for indoor use only. Do not install in wet or outdoor environments.
- Ensure proper ventilation around the power adapter and control box to prevent overheating.
- Keep out of reach of children.

Warranty and Support

AILBTON is committed to providing high-quality products. If you encounter any issues or have questions regarding your LED strip lights, please contact customer support for assistance. Refer to your purchase documentation for specific warranty details and contact information.

For support, please visit the AILBTON Store on Amazon or refer to the contact information provided with your product packaging.