

AILBTON DT2-60

AILBTON LED Strip Lights User Manual

Model: DT2-60

Brand: AILBTON

INTRODUCTION

Thank you for choosing AILBTON LED Strip Lights. This manual provides essential information for the safe and efficient operation of your 60ft Music Sync Color Changing LED Strip Lights. Please read this manual thoroughly before installation and use, and retain it for future reference.

These LED strip lights feature 5050 RGB LEDs, offering vibrant color-changing capabilities, music synchronization, and control via a Bluetooth app, IR remote, and a 4-button controller. They are designed for indoor use and are ideal for enhancing the ambiance of bedrooms, living rooms, kitchens, and for party decorations.

PACKAGE CONTENTS

Verify that all components are present in your package:

- 2 × 30ft LED Strip Lights (Total 60ft)
- 1 × Power Adapter (12V, 12W)
- 1 × Button Control Box
- 1 × IR Remote Controller (20-key, 4 music modes)
- 1 × Adhesive for Controller
- 1 × User Manual (This document)



Image: Overview of the AILBTON 60ft LED Strip Lights package contents.

SPECIFICATIONS

Feature	Detail
Brand	AILBTON
Model Number	DT2-60
Light Source Type	LED (5050 RGB)
Total Length	60ft (2 x 30ft rolls)
Color	Multicolor (RGB)
Indoor/Outdoor Usage	Indoor

Power Source	Corded Electric
Voltage	12 Volts
Wattage	12 Watts
Control Methods	Bluetooth App ("HiLighting"), IR Remote, 4-Button Controller
Special Features	Color Changing, Dimmable, Timer, Remote Controlled, App Control, Multiple Modes, Music Mode, Mic Mode, Music Sync
Material	Plastic
Item Dimensions (L x W x H)	3 x 2.2 x 0.9 inches (Control Box)
Service Life	>50,000 hours

SAFETY INFORMATION

- This product is designed for **indoor use only**. Do not expose to water or high humidity.
- Ensure the power adapter is connected to a suitable power outlet (12V).
- Do not cover the LED strips or power adapter with flammable materials.
- Avoid bending the LED strips sharply, especially at the LED components, as this may damage the circuit.
- Keep out of reach of children.
- If any part of the product is damaged, discontinue use immediately and contact customer support.
- The LED strips can be cut along the designated cutting marks (every 3 LEDs). Ensure power is disconnected before cutting.

SETUP

1. **Prepare the Surface:** Choose a clean, dry, and smooth surface for installation. Dust, dirt, or moisture can affect the adhesive.
2. **Unspool the Strips:** Carefully unroll the LED strip lights from their reel. It is recommended to unspool the entire length before adhering to prevent overheating and ensure proper light distribution.



Image: Unspooling the LED strip lights.

3. Connect Components:

- Connect the LED strip light connector to the control box.
- Connect the power adapter to the control box.
- Ensure all connections are secure.



Music and Mic mode



Play local music from your phone, the light will change accordingly with the rhythm of the music



The controller has a built-in MIC receiver, As long as the microphone plays music or sings, the light will rhythmically move with the music

Image: Connection diagram for the LED strip lights.

- Adhere the Strips:** Peel off the protective backing from the 3M adhesive tape on the back of the LED strip. Press the strip firmly onto the desired surface. For corners, use the included adhesive clips or gently bend the strip without creasing the LEDs.



Image: Peeling the adhesive backing from the LED strip.

5. **Power On:** Plug the power adapter into a wall outlet. The lights should illuminate.
6. **Remote Control Preparation:** Before using the IR remote, remove the clear plastic battery insulator tab from the battery compartment.

OPERATING INSTRUCTIONS

1. App Control (HiLighting App)

The "HiLighting" app provides comprehensive control over your LED strip lights. It is available on Google Play Store and iOS App Store.

1. **Download the App:** Scan the QR code on the control box or search for "HiLighting" in your device's app store.



How to connect Led Strip Light

Image: Scan the QR code on the controller to download the app.

Alternatively, download from: <http://www.easytrack.net.cn/download/179RUIFANG>

2. **Enable Bluetooth:** Ensure Bluetooth is enabled on your smartphone.
3. **Open the App:** The app will automatically search for and connect to your LED strip lights.
4. **Control Features:**
 - **Color Adjustment:** Select from a wide spectrum of colors using the color wheel.
 - **Brightness Control:** Adjust the intensity of the lights.
 - **Scene Modes:** Choose from pre-set dynamic lighting modes.
 - **Music Mode:** The lights will pulsate and change colors in sync with music played through your phone.
 - **Mic Mode:** The lights will respond to environmental sounds or your voice picked up by the built-in microphone on the control box.
 - **Timing ON/OFF:** Set schedules for the lights to turn on or off automatically.
 - **Group Management:** Control multiple AILBTON light strips simultaneously by creating groups within the app.

Laden Sie die APP "HiLighting" herunter, die im Google Play oder iOS App Store erhältlich ist


App Store

Google play

APP+Remote+Mic+Music



APP CONTROL



MIC Mode



Music Mode



Alarm clock



Scan the QR code on the controller to download the application



Brightness/speed +/-

Image: HiLighting App interface for various control modes.

2. IR Remote Control

The included 20-key IR remote allows for basic control without the need for a smartphone.

- **ON/OFF:** Power the lights on or off.
- **Color Selection:** Directly select static colors (e.g., Red, Green, Blue, White, etc.).
- **Brightness Adjustment:** Increase or decrease light intensity.
- **Dynamic Modes:** Access pre-programmed modes like Flash, Strobe, Fade, and Smooth.
- **Music Modes:** The remote also features 4 dedicated music modes.



Image: IR Remote Controller layout.

3. 4-Button Controller

The physical 4-button controller on the power cable allows for quick adjustments:

- **Power Button:** Turns the lights on/off.
- **Mode Button:** Cycles through static colors, dynamic modes, and MIC mode.
- **Brightness Up/Down Buttons:** Adjusts the brightness.

MAINTENANCE

- **Cleaning:** Gently wipe the LED strips with a dry, soft cloth. Do not use liquid cleaners or abrasive materials.
- **Storage:** If storing for an extended period, ensure the strips are clean and dry. Roll them loosely back onto their original reels to prevent damage. Store in a cool, dry place.
- **Adhesive:** The 3M adhesive is strong but may lose effectiveness if repositioned multiple times. Ensure the surface is clean and dry for optimal adhesion during initial installation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	Power adapter not connected. Loose connection between components. Remote battery insulator tab not removed. Power outlet issue.	Ensure power adapter is securely plugged into a working outlet. Check all connections (strip to control box, control box to power adapter). Remove the plastic tab from the IR remote battery compartment. Test the outlet with another device.
Remote control not working.	Battery low or dead. Plastic insulator tab still present. Obstruction between remote and IR receiver.	Replace the remote battery (CR2025, not included). Remove the plastic tab. Ensure direct line of sight between remote and the IR receiver on the control box.
App cannot connect to lights.	Bluetooth is off on phone. App not updated. Too far from the control box.	Enable Bluetooth on your smartphone. Update the "HiLighting" app to the latest version. Move closer to the control box. Restart the app or power cycle the lights.
Lights are dim or colors are incorrect.	Brightness setting too low. Partial damage to the strip.	Increase brightness via app or remote. If a section of the strip is permanently discolored or unlit, it may be damaged. Contact support.

WARRANTY AND SUPPORT

AILBTON products are designed for quality and reliability. If you encounter any issues or have questions regarding your LED Strip Lights, please contact AILBTON customer support. We are committed to resolving any problems within 24 hours.

Please note that the LED Light Strip is **non-waterproof**. Damage caused by water exposure is not covered under warranty.

For further assistance, please refer to the contact information provided with your purchase or visit the official AILBTON store on Amazon: [AILBTON Store](#).