

## LETIANPAI 200FT Outdoor-B

# LETIANPAI 200FT Outdoor LED Strip Lights User Manual

Model: 200FT Outdoor-B

## 1. INTRODUCTION

Thank you for choosing the LETIANPAI 200FT Outdoor LED Strip Lights. This product is designed to provide versatile and durable lighting for various outdoor and indoor applications. With an IP68 waterproof rating, app and remote control, and music synchronization features, these LED strips offer customizable illumination for your deck, balcony, pool, or other areas. Please read this manual thoroughly before installation and use to ensure proper operation and safety.

## 2. SAFETY INFORMATION

- Ensure the power supply is disconnected before installation or maintenance.
- This product operates on a low voltage 24V system, making it safe for general use.
- Do not submerge the power adapter in water. The power adapter is not IP68 rated.
- Avoid bending the LED strip sharply, as this may damage the internal circuitry.
- Only use the provided power adapter and controller. Using incompatible components may cause damage or fire.
- Keep out of reach of children.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 2 x 100ft (Total 200ft) IP68 Waterproof LED Strip Lights
- 1 x Power Adapter
- 1 x Controller
- 1 x IR Remote Control
- Mounting Clips and Screws
- User Manual (This document)

## 4. SPECIFICATIONS

Feature	Description
Brand	LETIANPAI
Model	200FT Outdoor-B
Total Length	200 feet (2 rolls of 100 feet each)
Water Resistance Level	IP68 (Strip Lights only)
Light Source Type	LED
Light Color	RGB (Red, Green, Blue)
Voltage	24 Volts
Wattage	36 watts
Control Methods	App (Lotus Lantern), IR Remote Control
Special Features	Cuttable, Low power consumption, Music sync, Strong self-adhesive backing, Flexible for easy installation
Material	Plastic

## 5. SETUP AND INSTALLATION

### 5.1 Preparation

- Unroll the LED strips and lay them flat to prevent kinks.
- Clean the installation surface thoroughly. Ensure it is dry and free of dust or grease for optimal adhesive performance.
- Plan your desired layout. Note that the product consists of two 100ft strips that connect to the same port on the controller.

### 5.2 Connecting the Components

1. Connect the LED strip(s) to the controller. Ensure the arrows on the connectors align.
2. Connect the power adapter to the controller.
3. Plug the power adapter into a suitable outdoor-rated power outlet.



Image: Illustration of connecting the LED strip to the controller and power adapter. Ensure secure connections.

## 5.3 Mounting the LED Strips

The LED strips feature a self-adhesive backing for easy installation. For enhanced durability and security, especially in outdoor environments, it is recommended to use the provided mounting clips and screws.

1. Peel off the protective film from the adhesive backing of the LED strip.
2. Carefully press the strip onto the clean, dry surface along your desired path.
3. For additional support, place mounting clips at regular intervals (e.g., every 1-2 feet) and secure them with screws.



Image: Example installation of LED strip lights on a house, deck, and pool area, showcasing various applications.



Image: Detailed view of the connection point between two LED strip segments, showing how they join.

## 5.4 Cutting the LED Strips (Optional)

The LED strips can be cut to your desired length. Look for the designated cutting marks (usually indicated by a scissor icon or copper pads) along the strip. Only cut at these marks to avoid damaging the circuit.



Image: Diagram showing where to safely cut the LED strip using scissors at the marked points.

## 6. OPERATING INSTRUCTIONS

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### 6.1 Powering On/Off

Once connected to power, the LED strips can be turned on or off using the IR remote control or the "Lotus Lantern" app.

### 6.2 Using the IR Remote Control

Point the remote control directly at the controller to operate the lights. The remote allows you to:

- Turn lights On/Off.
- Adjust brightness.
- Select static colors (RGB and various presets).
- Choose dynamic modes (e.g., fade, flash, strobe).





Image: Product packaging displaying the remote control and a smartphone with the app interface.

### 6.3 Using the "Lotus Lantern" App

For advanced control and customization, download the "Lotus Lantern" app from your smartphone's app store (available on Google Play and Apple App Store).

1. Download and install the "Lotus Lantern" app.
2. Ensure your smartphone's Bluetooth is enabled.
3. Open the app; it should automatically detect the LED strip controller.
4. Within the app, you can:



- Select from a wider range of colors and dynamic modes.
- Adjust brightness and speed of dynamic effects.
- Activate Music Sync mode: The lights will change color and pattern according to music or microphone input.
- Set timer functions for automatic On/Off schedules.
- Utilize group management for controlling multiple LETIANPAI devices.



**Music and Mic Mode**

**Music** Sync to music, the light will change color accordingly with the rhythm.

**Mic** Built-in microphone, the lights will pulsate and change colors along with sounds.

Image: A smartphone screen showing the "Lotus Lantern" app interface, highlighting the music and microphone sync features.



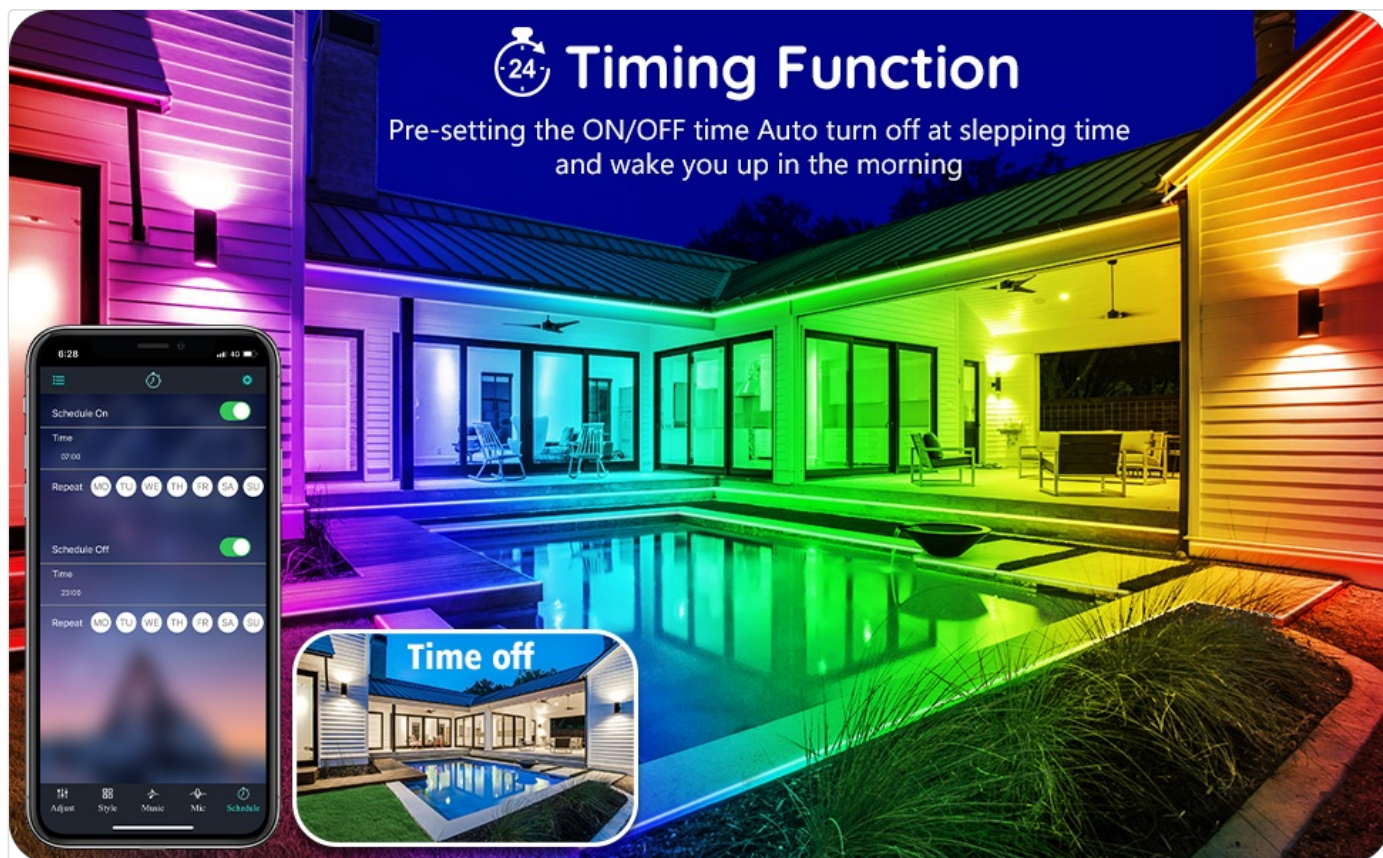


Image: An outdoor pool area illuminated by LED strips, with a smartphone screen showing the app's timing function for scheduling lights.

## 7. MAINTENANCE

- **Cleaning:** Gently wipe the LED strips with a soft, damp cloth to remove dust or dirt. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically check the strips and connections for any signs of wear, damage, or loose connections.
- **Adhesion:** If the adhesive backing begins to lose its grip, reinforce the strip with additional mounting clips or a suitable outdoor-grade adhesive.
- **Power Adapter:** Ensure the power adapter is protected from direct water exposure, as it is not IP68 rated.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, faulty power adapter/controller.	Check power outlet. Ensure all connections are secure. Test with another power source if possible. Contact support if components are faulty.
Remote control not working.	Remote battery low/dead, remote not pointed at controller, obstruction.	Replace remote battery. Ensure direct line of sight to the controller. Remove any obstructions.
App cannot connect to lights.	Bluetooth off, app not updated, interference.	Ensure Bluetooth is enabled on your phone. Restart the app and the LED lights. Try pairing again.
Some sections of the strip are not lighting up or show incorrect colors.	Damaged section, improper cut, loose connection.	Inspect the strip for physical damage. Ensure cuts were made at designated marks. Check connections.

Adhesive backing not holding.	Surface not clean/dry, extreme temperatures, insufficient support.	Clean and dry surface thoroughly before re-applying. Use additional mounting clips and screws for secure installation.
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## 9. WARRANTY AND SUPPORT

LETIANPAI provides quality assurance for this product. All accessories are officially certified. For quality-related issues, a full refund or free replacement is provided. If you encounter any issues during installation or operation, please contact customer service directly. We aim to resolve issues within 24 hours.

**Contact Information:** Refer to your purchase documentation or the official LETIANPAI website for customer support details.

