

## LETIANPAI 200FT Outdoor-B

# LETIANPAI 200ft Outdoor LED Strip Lights Instruction Manual

Model: 200FT Outdoor-B

Brand: LETIANPAI

## 1. INTRODUCTION

Thank you for choosing the LETIANPAI 200ft Outdoor LED Strip Lights. This product is designed to provide versatile and vibrant lighting for both indoor and outdoor environments. Featuring IP68 waterproofing, app and remote control, music synchronization, and a wide range of RGB colors, these lights offer a customizable lighting experience. Please read this manual thoroughly before installation and use to ensure proper operation and safety.



Image 1: LETIANPAI 200ft Outdoor LED Strip Lights product packaging and coiled lights.

## 2. SAFETY INFORMATION

- **Power Adapter:** The power adapter and controller are **NOT waterproof**. Ensure they are installed in a dry, protected location, away from direct water exposure.
- **Voltage:** Use only with the provided 24V low voltage power supply. Connecting to a higher voltage may damage the product and pose a safety risk.
- **Installation:** Do not install the LED strip lights in areas where they may be submerged in water unless specifically designed for such use (e.g., inside a pool). While the strip itself is IP68 rated, connections and power sources require protection.
- **Cutting:** The LED strip can be cut at designated marks. Ensure the power is disconnected before cutting. After cutting, use the provided end caps to maintain waterproofing for the cut ends.
- **Overheating:** Do not cover the LED strip with materials that could trap heat, as this may lead to overheating and damage.
- **Children and Pets:** Keep all components, especially small parts and electrical connections, out of reach of children and pets.



Image 2: The power adapter and controller are not waterproof and must be protected from moisture.

### 3. PACKAGE CONTENTS

Your LETIANPAI 200ft Outdoor LED Strip Lights package includes:

- 2 x 100ft (total 200ft) IP68 Waterproof LED Strip Lights
- 1 x Power Adapter (24V)
- 1 x Remote Control
- 1 x Controller Box
- Mounting Clips and Screws
- End Caps (for cut ends)
- Instruction Manual

### 4. SPECIFICATIONS

Feature	Detail
Brand	LETIANPAI
Model Number	200FT Outdoor-B
Length	200 Feet (2 x 100ft rolls)
Color	RGB (Red, Green, Blue)
Indoor/Outdoor Usage	Outdoor
Ingress Protection (IP) Rating	IP68 (Strip only)
Light Source Type	LED
Power Source	AC/DC
Voltage	24 Volts
Wattage	36 Watts
Control Method	App, Remote Control

Feature	Detail
Special Features	Cuttable, Low power consumption, Music sync, Strong self-adhesive, Flexible for easy install
Material	Plastic
Item Weight	3.54 pounds

## 5. SETUP AND INSTALLATION

Follow these steps for proper installation:

1. **Plan Your Layout:** Before peeling off the adhesive, unroll the LED strips and plan the desired path. Ensure the length is sufficient for your intended area.
2. **Clean the Surface:** The installation surface must be clean, dry, and smooth for optimal adhesive performance. Wipe down the area with a clean cloth.
3. **Connect the Strips:** Connect the two 100ft LED strips to the controller box. Ensure the connectors are securely fastened.
4. **Connect Power:** Plug the power adapter into the controller box. Then, plug the power adapter into a standard electrical outlet. **Remember: The power adapter and controller box are NOT waterproof and must be placed in a dry, protected area.**



Image 3: Securely connect the LED strip to the power adapter.

### 5. Mounting the Strips:

- **Adhesive Backing:** Carefully peel off the protective film from the adhesive backing on the LED strip and press it firmly onto the prepared surface.
  - **Snap Mounts:** For added security, especially in outdoor environments or on rough surfaces, use the provided snap mounts and screws. Space them evenly along the strip to prevent sagging.
6. **Cutting the Strip (Optional):** If the strip is too long, you can cut it at the designated cutting marks (usually indicated by a scissor icon or copper pads). **Ensure power is disconnected before cutting.** After cutting, attach the provided end caps to the exposed ends to maintain the IP68 waterproof rating.



Image 4: Cut the LED strip only at the marked intervals.

## 6. OPERATING INSTRUCTIONS

### 6.1. Remote Control Operation

The included remote control allows for basic functions:

- **Power Button:** Turn the lights ON/OFF.
- **Color Buttons:** Select static colors (Red, Green, Blue, White, and various mixed colors).
- **Brightness Adjustment:** Increase or decrease the brightness.
- **Mode Buttons:** Cycle through various dynamic modes (e.g., flash, strobe, fade).
- **Music Mode:** Activate music synchronization (buttons 1-4).

### 6.2. App Control (Lotus Lantern)

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 & Install:** Search for "Lotus Lantern" and install the app.
2. **Bluetooth Connection:** Ensure your phone's Bluetooth is enabled. Open the app, and it should automatically detect and connect to your LED strip lights.
3. **App Features:**
  - **Color Selection:** Choose from a full spectrum of RGB colors.
  - **Brightness & Saturation:** Adjust light intensity and color vibrancy.
  - **Dynamic Modes:** Access 29 different dynamic modes, including fade, flashing, and strobe effects.
  - **Music Sync Mode:** Synchronize lights with music playing on your phone or through the built-in microphone. The lights will pulse and change colors with the rhythm.





Image 5: Music and Mic Mode allows lights to sync with audio.

- **Timer Function:** Set schedules for the lights to turn ON/OFF automatically.

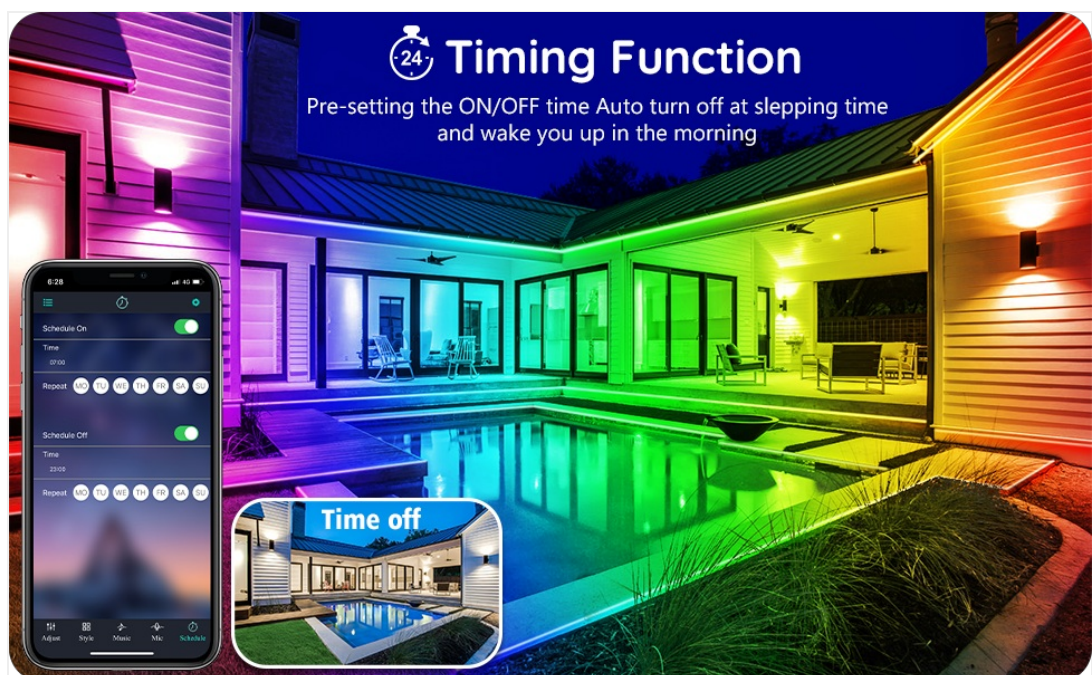


Image 6: The app's timing function allows scheduling of light operation.

- **Group Management:** Control multiple LETIANPAI LED strip lights simultaneously (if applicable).

### 6.3. Versatile Applications

These LED strip lights are suitable for various applications:



- **Outdoor:** Ideal for decks, balconies, patios, pools, roofs, eaves, and gardens.



Image 7: Outdoor LED strip lights illuminating a family gathering in a garden.

## Outdoor

Waterproof LED Strip Lights decorate your roof and deck

Enjoy a relaxing time with the outdoor Light Strip



Image 8: LED strip lights enhancing the ambiance of an outdoor balcony.

- **Indoor:** Can also be used for accent lighting in living rooms, bedrooms, or entertainment areas.



## Indoor and outdoor LED Strip lights used



Image 9: Examples of both indoor and outdoor applications for the LED strip lights.

### 7. MAINTENANCE

- **Cleaning:** Gently wipe the LED strip with a soft, damp cloth to remove dust or dirt. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically inspect the strip for any signs of damage, such as cracks, frayed wires, or loose connections. Address any issues promptly.
- **Storage:** If storing the lights for an extended period, ensure they are clean and dry. Coil them loosely and store them in a cool, dry place away from direct sunlight.

### 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights not turning on	No power, loose connection, faulty adapter/controller	Check power outlet, ensure all connections are secure, test with another outlet if possible.
Remote control not working	Battery depleted, remote out of range, IR sensor blocked	Replace remote battery, ensure remote is pointed at the controller box, remove any obstructions.

Problem	Possible Cause	Solution
App cannot connect to lights	Bluetooth off, app not updated, interference	Ensure phone Bluetooth is on, restart the app, try reconnecting. Move closer to the controller box.
Lights are dim or flickering	Low power, faulty section of strip	Check power connections. If a section is faulty, it may need replacement.
Colors are incorrect	Incorrect setting, faulty LED	Adjust color settings via app or remote. If a specific LED is consistently wrong, it may be damaged.

## 9. WARRANTY AND SUPPORT

LETIANPAI is committed to providing quality products and customer service. All accessories included with your waterproof LED rope lights are officially certified and rigorously tested for safety and performance. The lights operate at a low temperature and consume minimal energy.

If you encounter any issues during installation or operation, please contact our customer service directly. We aim to resolve all inquiries within 24 hours. Full refunds or free replacements are provided for quality-related issues. For support, please refer to the contact information provided on the product packaging or the official LETIANPAI store on Amazon: [LETIANPAI Store](#).