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## FBZ 500 FT Permanent Outdoor String Lights

# FBZ 300FT Permanent Outdoor RGB Lights Instruction Manual

Model: 500 FT Permanent Outdoor String Lights

## INTRODUCTION

Welcome to the FBZ Permanent Outdoor RGB Lights instruction manual. This guide provides essential information for the safe and effective installation, operation, and maintenance of your new lighting system. These lights are designed to provide dynamic and customizable illumination for various outdoor settings, featuring smart app control, remote operation, and music synchronization.

## IMPORTANT SAFETY INFORMATION

**Read all instructions carefully before installation and use.**

- Ensure the power source matches the product's requirements.
- Do not cut or modify the light string.
- Keep away from open flames and extreme heat sources.
- Disconnect power before any maintenance or cleaning.
- This product is designed for outdoor use with an IP67 waterproof rating, but avoid submerging the power adapter.
- Do not install near sharp objects that could damage the cable.

## PACKAGE CONTENTS

Verify that all components are present:

- FBZ Permanent Outdoor RGB Light String (300FT)
- Power Adapter
- Remote Control

- Mounting Accessories (Self-adhesive backing, screws)
- User Manual (This document)

## INSTALLATION GUIDE

Follow these steps for proper installation:

### 1. Preparation:

Before hanging, clean the surface where the lights will be installed to ensure proper adhesion. Ensure the surface is dry and free of dust or debris.



Image: Cleaning the surface before installation.

### 2. Adhesive Application:

Tear off the protective strip from the self-adhesive backing on each light unit. Firmly press the light against the desired surface for more than 5 seconds to ensure strong adhesion.

### 3. Secure with Screws (Recommended):

For enhanced stability and long-term outdoor use, install screws in each light cord to hold it securely in place. This is especially recommended for eaves, decks, and other outdoor structures.

### 4. Connect to Controller:

Insert the wiring of the lighting fixture into the controller unit. Ensure a secure connection.

### 5. Power Connection:

Finally, connect the power cord from the controller to a suitable outdoor power outlet. Ensure the outlet is protected from direct water exposure.



# Smart APP Control + RF Remote



**Eave**



**Stair**



**Stairway railing**



Image: Example installation on eaves, stairs, and stairway railing.



## Wraparound View

When the eaves light is installed on the deck railing

The eaves lights surround and illuminate the entire deck

The light string surrounds the deck railing for a more beautiful deck environment.

Image: Lights installed along a deck railing for a wraparound view.

## OPERATING INSTRUCTIONS

### Smart App Control (Lotus Lantern App)

The primary method for controlling your FBZ lights is through the "Lotus Lantern" app.

**1. Download the App:**

Scan the QR code provided in the package or search for "Lotus Lantern" in your device's app store (iOS/Android).

**2. Connect to Lights:**

Follow the in-app instructions to connect your device to the light system via Bluetooth.

**3. Dynamic Mode Selection:**

The app offers a variety of dynamic lighting modes. Easily switch between different effects for relaxation,

parties, or holidays.



Image: Smart App Control and Remote.

#### 4. Enhanced RGB Lighting:

Adjust color and brightness to create warm, cheerful, or romantic atmospheres. The app allows for full customization of lighting effects.

## Easy installation



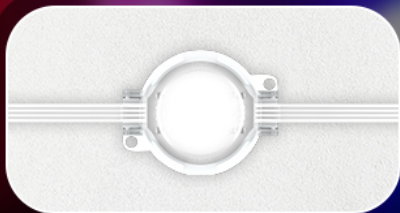
Clean the surface with cloth before hanging



Tear off the strip on the back of the light



Firmly press the light against the surface for more than 5 seconds



Install screws in each light cord to hold it in place



Insert the wiring of the lighting fixture into the controller



Finally connect the power cord to the controller

Image: RGB lighting effects and app color adjustment.

### 5. Music Synchronization:

Utilize the built-in microphone feature to synchronize light changes with the rhythm of music, energizing your space.

**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: Music and Mic Mode in action.



Image: App control with built-in microphone for music sync.

#### 6. Timing Function:

Set schedules for automatic ON/OFF times to suit your daily routine.

**Turn on  
19:00PM**



## **Timing Function**

Pre-setting the ON/OFF time  
Auto turn off at sleeping time, and wake you up in the morning

**Turn off  
19:00PM**



Image: Timing Function for automatic operation.



Image: App interface for setting timing schedules.

## Remote Control

A remote control is included for basic functions such as power on/off, color selection, and mode changes. For advanced customization, use the mobile app.

## MAINTENANCE

To ensure the longevity and optimal performance of your FBZ Permanent Outdoor RGB Lights, follow these maintenance guidelines:

- **Cleaning:**

Periodically wipe the light units and cables with a soft, damp cloth to remove dust and debris. Do not use harsh chemicals or abrasive cleaners.

- **Inspection:**

Regularly inspect the light string and connections for any signs of damage, wear, or loose fittings. Ensure all screws are tight and adhesive is secure.

- **Weather Resistance:**

The lights are IP67 waterproof, rainproof, weather-resistant, and rust-resistant, designed to withstand various weather conditions including snow and wind. However, ensure the power adapter is protected from direct water exposure.

# Designed for Outdoors

IP67 waterproof rating and UV- resistant materials for severe weather

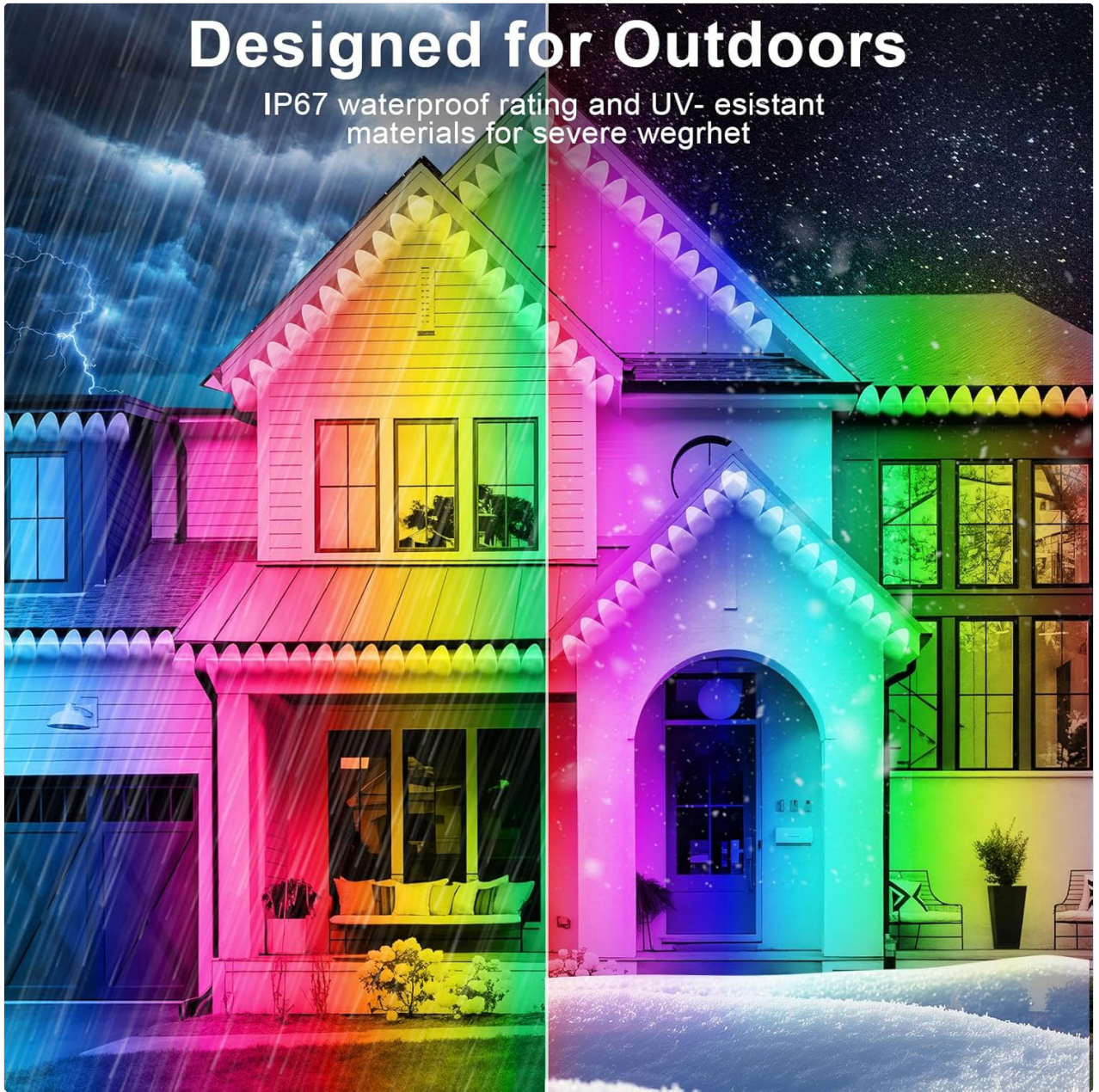


Image: Lights designed for all weather conditions.



Image: Waterproof, Windproof, Snowproof features.

- **Storage (if applicable):**

If storing the lights for an extended period, ensure they are clean, dry, and coiled neatly to prevent tangling or damage.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on	No power; Loose connection; Faulty power adapter	Check power outlet and connections. Ensure power adapter is securely plugged in. Test with another outlet if possible. Contact support if adapter is suspected faulty.
Some lights are out	Damaged LED; Loose connection within the string	Inspect the specific light unit for visible damage. Ensure all connections along the string are secure. If individual lights are permanently out, contact customer support.
App cannot connect to lights	Bluetooth not enabled; App not updated; Interference	Ensure Bluetooth is enabled on your device. Update the "Lotus Lantern" app to the latest version. Try restarting your device and the light system. Move closer to the controller.
Remote control not working	Battery low/dead; Remote out of range; Interference	Replace remote control battery. Ensure you are within effective range of the controller. Minimize obstructions.
Lights not responding to music sync	Microphone obstructed; Volume too low; App settings	Ensure the controller's microphone is not covered. Increase music volume. Check music sync settings in the app.

## PRODUCT SPECIFICATIONS

- **Model:** 500 FT Permanent Outdoor String Lights
- **Brand:** FBZ
- **Color:** RGB (Red, Green, Blue)
- **Indoor/Outdoor Usage:** Outdoor
- **Special Features:** Rainproof, Weather Resistant, Color Changing, Rust Resistant, Water Resistant
- **Light Source Type:** LED
- **Light Color:** RGB
- **Water Resistance Level:** IP67 Waterproof
- **Number of Light Sources:** 300 (for 300FT model)
- **Item Weight:** 4.66 pounds
- **Package Dimensions:** 15.07 x 13.15 x 3.35 inches
- **Country of Origin:** China
- **UPC:** 757106444879

## WARRANTY AND CUSTOMER SUPPORT

Each FBZ product undergoes rigorous testing to ensure high quality and superior performance. If you encounter any quality issues after purchase, you may be eligible for a hassle-free return or exchange service.

For technical assistance, troubleshooting, or warranty claims, please contact FBZ customer support through the retailer's platform or refer to the contact information provided in your purchase documentation.

We are committed to providing a high-quality lighting experience.