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## FFJ L01 Pro

# FFJ L01 Pro 18ft TV Backlight System User Manual

Model: L01 Pro | Brand: FFJ

## 1. INTRODUCTION

This manual provides comprehensive instructions for the FFJ L01 Pro 18ft TV Backlight System. This innovative system is designed to enhance your viewing experience by synchronizing LED lighting with on-screen content, creating an immersive and dynamic ambiance. Please read this manual thoroughly before installation and use to ensure proper operation and safety.



Figure 1: FFJ L01 Pro TV Backlight System components.

## 2. WHAT'S IN THE BOX

Verify that all components are present before beginning installation:

- 1 x LED String Light (18ft for 75-85 inch TVs)
- 1 x Sensor Machine
- 1 x Power Adapter
- 1 x Quick Guide
- 12 x Fixed Buckles

## 3. SETUP AND INSTALLATION

Follow these steps for proper installation:

### 3.1. Prepare the TV Surface

Ensure the back of your TV is clean and dry for optimal adhesive performance. Use an alcohol pad (not included) if necessary to remove dust or grease. This ensures the LED strip adheres securely.

### 3.2. Attach the LED Strip

Carefully peel off the adhesive backing from the LED strip. Begin attaching the strip firmly around the TV's back edges, starting from the top center where the sensor will be placed. Press firmly along the entire length of the strip. Use the provided fixed buckles to reinforce corners and ensure secure attachment.



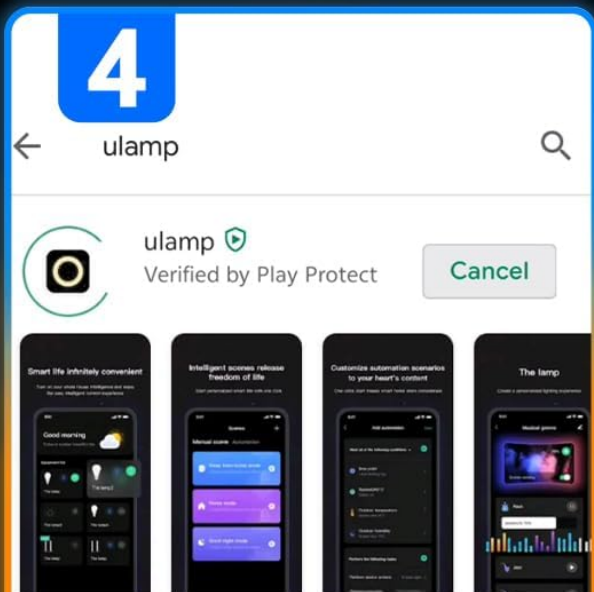
**1: Stick the light strip firmly around the TV's back edges**



**2: Place the sensor at the top center of the TV**



**3: Connect the light strip, power adapter, and sensor**



**4: Download the "uLamp" app, add your device**

Figure 2: Easy installation guide for the TV backlight system.

### 3.3. Position the Sensor

Place the sensor machine at the top center of the TV. Ensure it is flush with the top edge and its lens is facing the screen to accurately capture colors. Adjust its angle for optimal screen color detection.



Figure 3: Proper sensor placement for accurate color detection.

### 3.4. Connect Components

Connect the LED strip to the sensor machine. Then, connect the power adapter to the sensor machine. Finally, plug the power adapter into a suitable electrical outlet.

### 3.5. Download and Configure the App

Scan the QR code provided in the Quick Guide or search for "uLamp" in your smartphone's app store (App Store or Google Play). Download and install the app. Follow the in-app instructions to add your device and complete the initial setup, including specifying the installation direction (clockwise/counter-clockwise) and any trimmed LED segments.

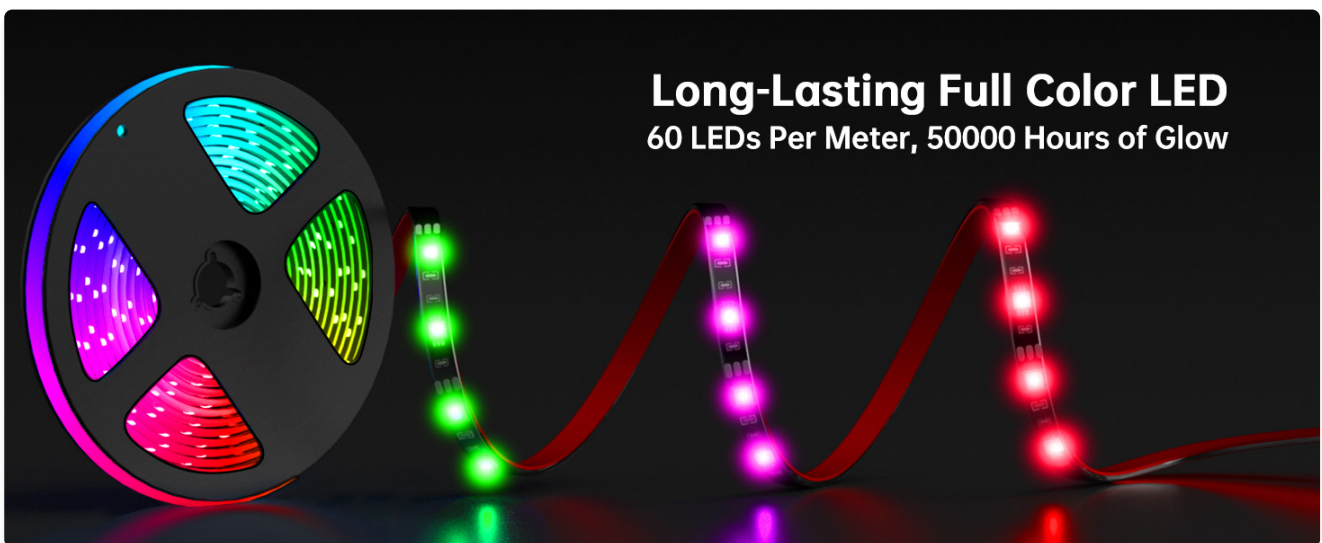


Figure 4: uLamp app interface for device setup.

### 3.6. Installation Video Guide

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## 4. OPERATING INSTRUCTIONS

### 4.1. Smart App Control

The uLamp app provides full control over your TV backlight. Adjust colors, brightness, and saturation to match your preferences. Explore various dynamic effects and scene settings to create the ideal ambiance for any moment.

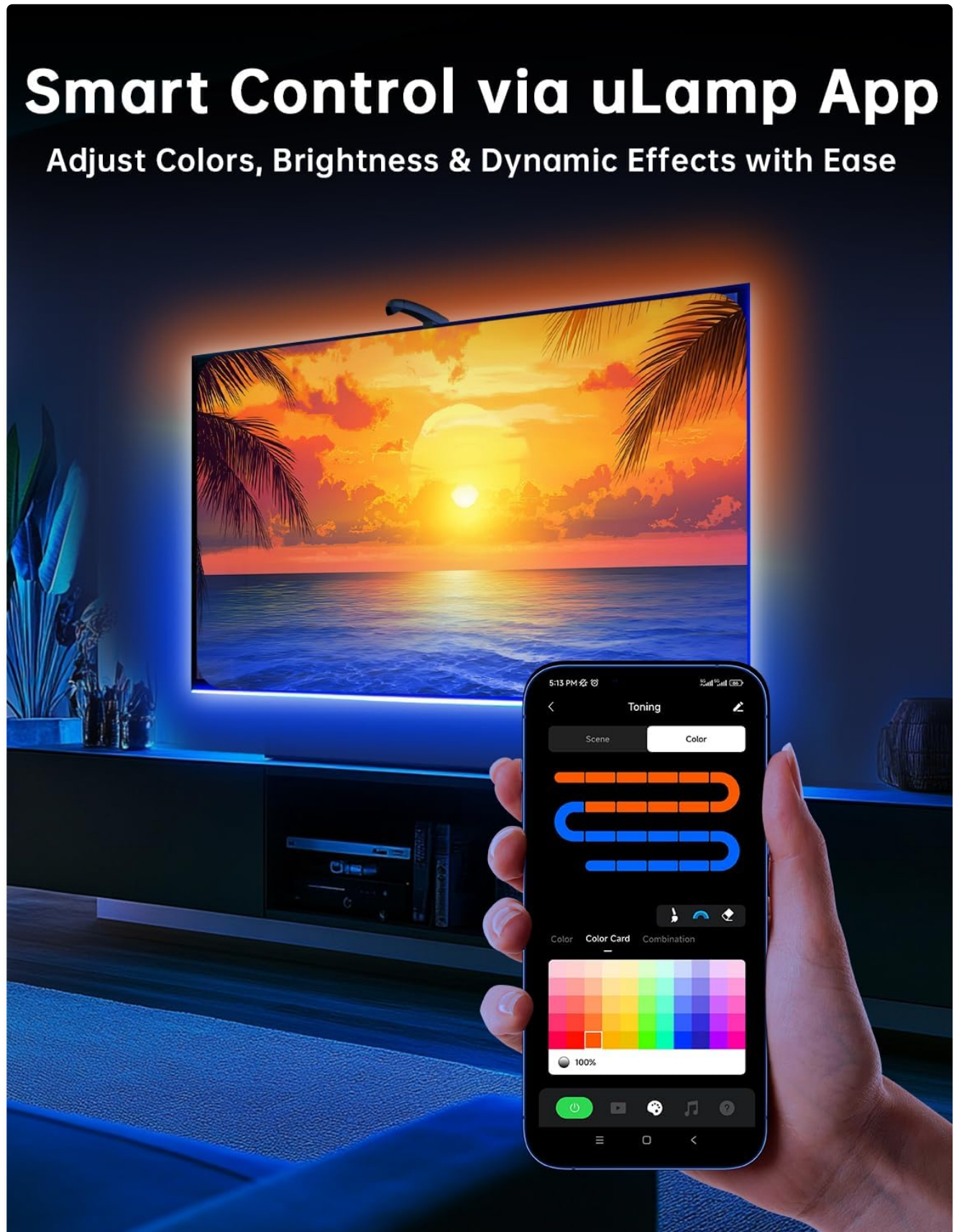


Figure 5: Customize your lighting with the uLamp app.

## 4.2. Immersive Visual Experience

The advanced sensor continuously captures screen colors and synchronizes the LED lights in real-time. This creates a captivating and immersive viewing experience, extending the on-screen action into your room.



Figure 6: Enhanced viewing with immersive backlighting.

## 4.3. Automatic On/Off Detection

The smart sensor detects when the TV is turned on or off, automatically activating or deactivating the backlight system. This feature provides convenience and contributes to energy efficiency.

# Color Syncs with Screen

No more suffering from mismatched lighting



**Our: In sync**



**Others: Out of sync**

Figure 7: Automatic on/off detection for convenience.

## 4.4. Versatile Ambiance Modes

The uLamp app offers 24 dynamic light scenes and 6 music-synchronized effects. These modes are suitable for various occasions, including holidays, gaming, and music enjoyment, allowing you to transform your space with

dynamic lighting.

## 4.5. Dynamic Lighting Demonstration

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Video 2: Demonstration of the TV backlight system synchronizing with on-screen content, showcasing dynamic color changes.

## 5. MAINTENANCE

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To ensure the longevity and optimal performance of your FFJ L01 Pro TV Backlight System, follow these simple maintenance guidelines:

- **Cleaning:** Gently wipe the LED strip and sensor with a dry, soft cloth to remove dust. Avoid using harsh chemicals, abrasive cleaners, or excessive moisture, as these can damage the components.
- **Sensor Care:** Ensure the sensor lens remains clear and free from obstructions for accurate color detection.
- **Cable Management:** Periodically check all cables for any signs of wear or damage. Ensure they are not pinched or under excessive tension.

## 6. TROUBLESHOOTING

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If you encounter any issues with your FFJ L01 Pro TV Backlight System, refer to the following common problems and solutions:

### 6.1. Backlight Visibility Reduced in Bright Environments

**Solution:** For optimal backlight effect and immersion, use the system in a dark environment. Bright ambient light may diminish the perceived intensity and synchronization of the LED lights.

### 6.2. Lights Not Syncing Correctly

**Solution:**

- Ensure the sensor is properly positioned at the top center of the TV, flush with the screen, and free from any obstructions.
- Verify that the uLamp app settings for installation direction (clockwise/counter-clockwise) and any trimmed LED segments are accurate.
- Check the sensor lens for smudges or dust and clean if necessary.

### 6.3. Connectivity Issues with uLamp App

**Solution:**

- Ensure Bluetooth is enabled on your smartphone.
- Power cycle the strip light (unplug and replug the power adapter) and try connecting again.
- Clear any obstructions that may interfere with the smartphone's Bluetooth connection to the device.
- Try restarting your smartphone.

### 6.4. LED Strip Not Lighting Up

**Solution:**

- Check all cable connections between the LED strip, sensor, and power adapter to ensure they are secure.
- Verify that the power adapter is correctly plugged into a working electrical outlet.

- If only individual segments are not lighting up, contact customer support for assistance.

## 7. PRODUCT SPECIFICATIONS

Feature	Specification
Model Number	L01 Pro
Brand	FFJ
Color	Multicolor
Item Length	18 Feet
Compatible TV Sizes	75-85 Inch Screens
Light Source Type	LED
Number of Light Sources	330
Power Source	Corded Electric
Voltage	12 Volts
Wattage	24 watts
Special Features	Adjustable, Automatic On-Off, Color Changing, Dimmable, Energy Efficient
Controller Type	App Control
Indoor/Outdoor Usage	Indoor
Material	Plastic
Item Weight	1.28 pounds
UPC	850068086290

## 8. WARRANTY AND SUPPORT

For detailed warranty information, technical support, or to inquire about replacement parts, please refer to the contact details provided in your Quick Guide or visit the official FFJ website. Keep your purchase receipt as proof of purchase for warranty claims.

## 9. IMPORTANT SAFETY INFORMATION

To prevent damage or injury, please observe the following safety precautions:

- Do not expose the LED strip or sensor to water or excessive moisture. This product is designed for indoor use only.
- Avoid bending the LED strip sharply, as this may damage the internal circuitry and affect performance.
- Keep the product and its components out of reach of children and pets.
- Use only the provided power adapter. Using an incompatible adapter may cause damage or fire.
- Disconnect power from the system before cleaning or performing any maintenance.

- Do not attempt to open or modify the sensor machine or power adapter. Unauthorized modifications may void the warranty and pose safety risks.
- Ensure proper ventilation around the TV and LED strip to prevent overheating.