

Ivifloae PU4138

User Manual

LVIFLOAE PU4138 PORTABLE RGB LIGHT STICK

1. Introduction

Thank you for choosing the Ivifloae PU4138 Portable RGB Light Stick. This manual provides detailed instructions for the safe and efficient operation, maintenance, and troubleshooting of your device. Please read this manual thoroughly before use and retain it for future reference.

2. Safety Information

- Do not expose the device to water or high humidity.
- Avoid operating the device in extremely high or low temperatures.
- Do not disassemble, repair, or modify the device yourself. Contact qualified service personnel for assistance.
- Keep the device away from children.
- Use only the provided Type-C charging cable or a certified equivalent.
- Do not look directly into the light source when it is operating at high brightness to avoid eye strain.

3. Package Contents

Verify that all items are present in your package:

- 1 x Ivifloae PU4138 Portable RGB Light Stick
- 1 x Type-C Charging Cable

4. Product Overview

The Ivifloae PU4138 is a versatile portable RGB light stick designed for photography and video. It features adjustable color temperature, RGB modes, and various lighting effects. The device includes a built-in battery and magnetic ends for flexible mounting.



Image 4.1: Product dimensions and control layout. The light stick measures 17cm (6.7 inches) in length and 3.8cm (1.5 inches) in diameter. It features a Type-C charging port, a Switch/Mode key, Switch keys for brightness adjustment, and a display screen. Both ends include a 1/4 inch screw hole and a hanging rope hole position.

The light stick provides high color rendering with a CRI of 95+, ensuring accurate color reproduction in your visuals.

Accurately render true colors

High-quality light source, true color reproduction, color rendering index can reach $\text{CRI} \geq 95+$

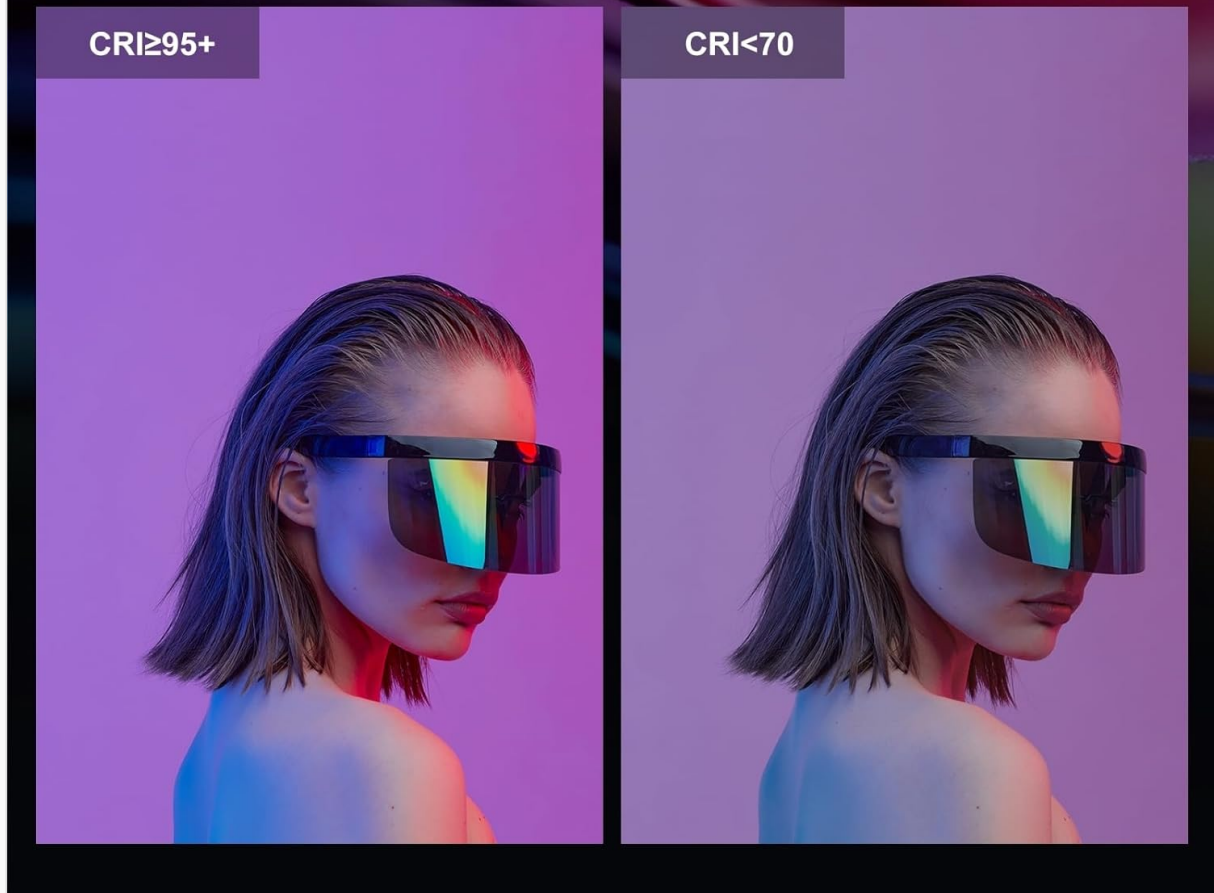


Image 4.2: Illustration of color accuracy. The image on the left demonstrates accurate color rendering with $\text{CRI} \geq 95+$, while the image on the right shows less accurate colors with $\text{CRI} < 70$.

5. Setup

5.1 Charging the Device

Before first use, fully charge the light stick. Connect the provided Type-C charging cable to the charging port on the device and plug the other end into a 5V 1A USB power adapter (not included). The display will indicate the charging status. A full charge typically takes 2-2.5 hours. The device can be used while charging.

Magnetic Design

Built-in magnets at both ends of the rod light, can be adsorbed anywhere for free shooting and lighting.



Image 5.1: Battery life indication. The built-in 2000mAh battery provides up to 3 hours of continuous use at 100% brightness and up to 12 hours at 1% brightness.

5.2 Mounting Options

The light stick offers flexible mounting:

- **1/4 Inch Screw Hole:** Each end of the light stick is equipped with a 1/4 inch universal screw hole, allowing attachment to tripods, handles, selfie sticks, and other photography accessories.
- **Magnetic Function:** Built-in magnets at both ends allow the light stick to be easily attached to metal surfaces for convenient lighting setups.

Built-in lithium battery, strong battery life

Built-in 2000mAh large-capacity battery, up to 3 hours of battery life

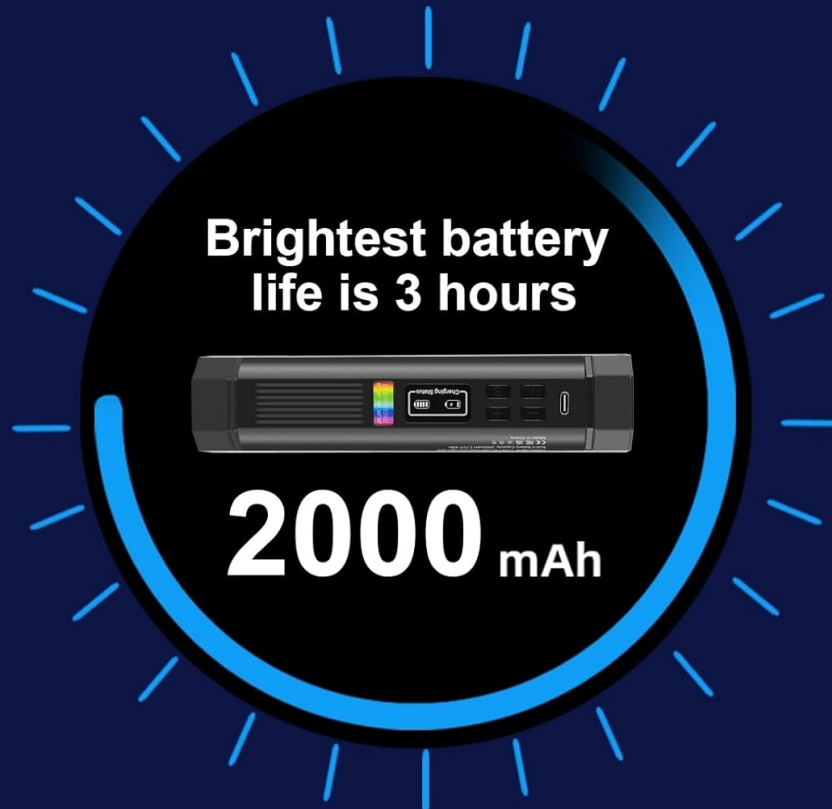


Image 5.2: Magnetic attachment. The light stick can be securely attached to metal surfaces like refrigerator doors or shelves, providing hands-free lighting.

6. Operating Instructions

6.1 Power On/Off

Press and hold the **Switch/Mode key** (labeled with power symbol) to turn the light stick on or off.

6.2 Mode Selection

Short press the **Switch/Mode key** to cycle through the main lighting modes: CCT Mode, HSL Mode, and Effect Mode.

6.3 Adjusting Parameters

Use the **Brightness+** and **Brightness-** keys to adjust parameters within each mode. A short press makes fine adjustments, while a long press makes rapid adjustments.

- **CCT Mode (Color Temperature Mode):** Adjusts color temperature from 2500K (warm light) to 9000K (cool white light) and brightness from 0% to 100%.
- **HSL Mode (Hue, Saturation, Lightness Mode):** Adjusts hue from 0-360°, saturation from 0-100%, and brightness from 0-100%.
- **Effect Mode:** Cycles through 21 pre-programmed lighting effects.

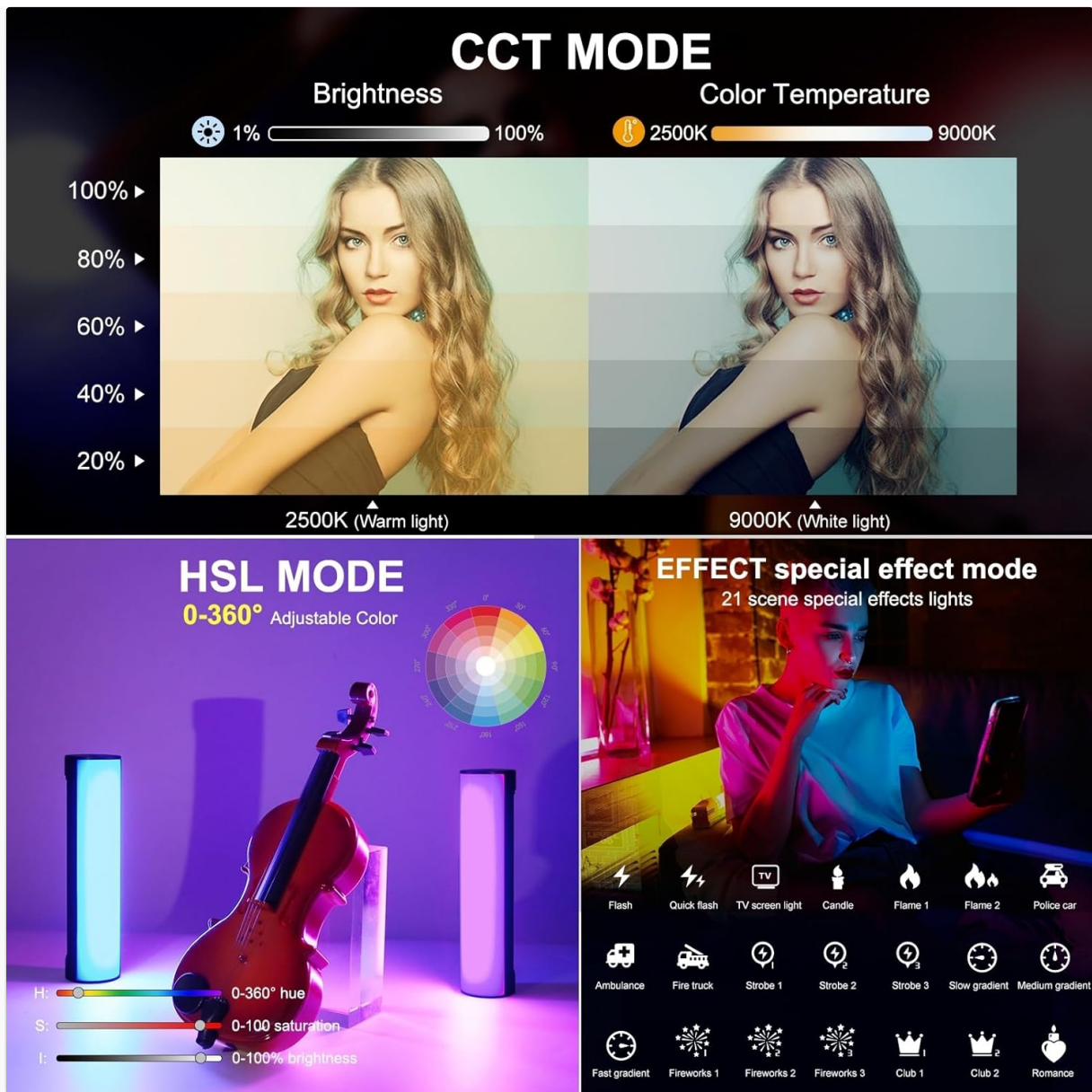


Image 6.1: Lighting modes. Top section shows CCT mode with 2500K (warm) and 9000K (white) light. Bottom left shows HSL mode with adjustable hue, saturation, and brightness. Bottom right displays icons for 21 special lighting effects including Flash, TV screen light, Candle, Flame, Ambulance, Fire truck, Strobe, Fireworks, and more.

6.4 Lighting Effects

The 21 lighting effects include, but are not limited to: Flash, TV screen light, Candle, Flame 1, Flame 2, Police car, Ambulance, Fire truck, Strobe 1, Strobe 2, Slow gradient, Medium gradient, Fast gradient, Fireworks 1, Fireworks 2, Fireworks 3, Club 1, Romance.



Image 6.2: RGB color display. The light stick can produce a wide spectrum of colors, including red, blue, yellow, green, orange, and white, suitable for various creative lighting needs.

7. Maintenance

7.1 Cleaning

Wipe the light stick with a soft, dry cloth. Do not use abrasive cleaners or solvents that may damage the surface or internal components.

7.2 Storage

Store the device in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, charge the battery to approximately 50% every three months to prolong battery life.

8. Troubleshooting

- **Device does not turn on:** Ensure the battery is charged. Connect to a power source and try again.
- **Light output is weak or flickering:** The battery may be low. Recharge the device.
- **Device not charging:** Check the Type-C cable and power adapter. Ensure they are properly

connected and functional. Try a different cable or adapter if available.

- **Controls unresponsive:** Try turning the device off and on again. If the issue persists, contact customer support.

9. Specifications

Feature	Specification
Lamp Beads	RGB 15PCS, Yellow 30PCS, White 30PCS
Color Temperature	2500K - 9000K
CRI	95+
Illumination Angle	120 degrees
Power	6W
Illumination (0.3 meter)	600LUX
Built-in Battery	2000mAh 3.7V / 7.4Wh
Working Voltage	3.7V
Charging Input	5V 1A
Full Charge Time	2-2.5 hours
Dimensions	17cm (6.7in) Length

10. Warranty and Support

This product comes with a manufacturer warranty for 90 days from the date of purchase. Please retain your proof of purchase for warranty claims.

For technical support, troubleshooting assistance, or warranty inquiries, please contact your retailer or the manufacturer directly.