

weeylite GZZ-RB08P

weeylite RGB LED Video Light (Model GZZ-RB08P) User Manual

Comprehensive instructions for setup, operation, and maintenance.

1. INTRODUCTION

The weeylite RGB LED Video Light (Model GZZ-RB08P) is a portable and versatile lighting solution designed for various photography and videography applications. It features adjustable color temperature, full RGB color control, and multiple lighting effects, making it suitable for vlogging, live streaming, product photography, and more. This manual provides detailed instructions to help you effectively use and maintain your device.

2. PRODUCT OVERVIEW

The weeylite GZZ-RB08P is a compact and durable LED light constructed from an aluminum alloy body. It integrates a high-capacity battery and an OLED display for easy operation and precise control.

Key Features:

- **Color Temperature Adjustment:** 2500K (warm) to 8500K (cold).
- **Full RGB Color:** 0° to 360° hue adjustment with 0-100L saturation control.
- **Brightness Control:** Adjustable from 10% to 100%.
- **Multiple Lighting Modes:** 8 functional modes and 20 common lighting scenes.
- **High Color Rendering Index (CRI):** 95+ for accurate color reproduction.
- **Built-in Battery:** 3000mAh rechargeable lithium battery.
- **USB Type-C Charging:** Convenient and fast charging.
- **Compact and Lightweight:** Dimensions of 115x68x14mm, weighing 166g.
- **1/4" Screw Interface:** For versatile mounting options.



Figure 1: weeylite RGB LED Video Light and included accessories, showing the light panel, tripod, phone holder, and charging cable.

3. COMPONENTS AND CONTROLS

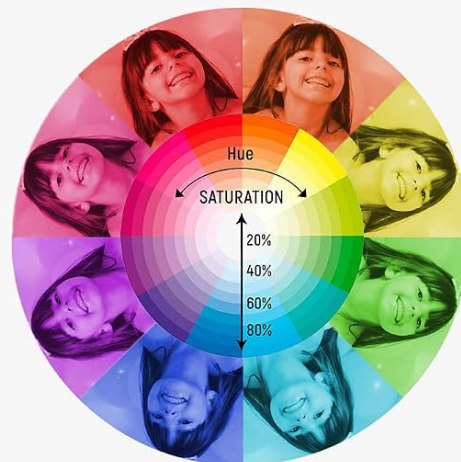
Familiarize yourself with the main components and control buttons of your weeylite RGB LED Video Light.

RGB VIDEO LIGHT



2500K

8500K



0%

100%



2500-8500k
color temperature

0-360°
full color

10-100%
power

0-100L
saturation

Figure 2: Detailed diagram illustrating the LED lamp beads, OLED display, Type-C charging port, 1/4" screw interface, power switch, mode button, switch button, increase button, and decrease button.

- **LED Lamp Beads:** The light source for adjustable color temperature and RGB output.
- **OLED Display:** Shows current settings such as mode, brightness, color temperature, and battery level.
- **Type-C Charging Port:** For connecting the USB charging cable.
- **1/4" Screw Interface:** Standard mounting point for tripods, cameras, and other accessories.
- **Power Switch:** Turns the device on or off.
- **Mode Button:** Cycles through the 8 functional lighting modes.
- **Switch Button:** Used to switch between parameters within a mode (e.g., brightness, color temperature, hue, saturation).
- **Increase Button (+):** Increases the selected parameter's value.
- **Decrease Button (-):** Decreases the selected parameter's value.

4. SETUP

4.1 Initial Charging

Before first use, fully charge the device. Connect the provided USB Type-C charging cable to the light's Type-C port and a compatible USB power source (e.g., charger, laptop, power bank). The OLED display will indicate charging status. A full charge typically takes a few hours.



Figure 3: The light being charged via its USB Type-C port, showing compatibility with various USB power sources.

4.2 Mounting the Light

The wee-lite GZZ-RB08P offers flexible mounting options:

- **Mini Tripod:** Screw the light onto the included mini desktop tripod using the 1/4" screw interface at the bottom of the light.
- **Camera Hot Shoe:** Attach the light to a camera's hot shoe using the double-layer rotating base. Ensure it is securely fastened.
- **Phone Holder:** Mount the light onto the included 180° angle adjustable mobile phone holder, which can then be attached to the mini tripod or other compatible stands.
- **Other Accessories:** The 1/4" screw interface allows attachment to various camera rigs, pan-tilt heads, or light stands.

PACKING LIST

- RB08P LED Light
- Type-C charging cable
- Double revolving seat
- Mobile phone holder
- Mini tripod
- Packaging box
- Warranty card
- Manual

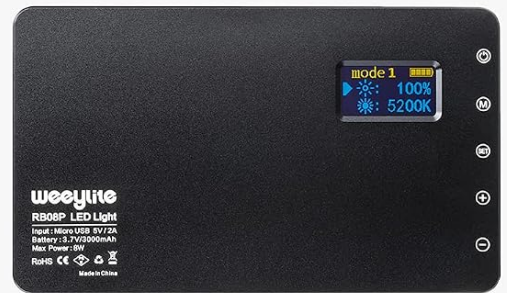


Figure 4: Examples of mounting the light on a camera, a mini tripod, and a phone holder with a tripod.

5. OPERATING INSTRUCTIONS

Turn on the light using the Power Switch. The OLED display will activate, showing the current mode and settings.

5.1 Navigating Modes

Press the **Mode Button** to cycle through the 8 available functional modes:

1. **Light Mode:** Standard white light with brightness adjustment.
2. **Color Temperature Mode:** Adjusts white light from 2500K to 8500K.
3. **RGB Color Light Mode:** Full color control with hue and saturation adjustments.
4. **RGB Free Color Matching Mode:** Allows independent adjustment of Red, Green, and Blue channels.
5. **Streamer Mode:** Dynamic color flow effect.
6. **Thunder Flash Mode:** Simulates lightning flashes.

- 7. **Warning Light Mode:** Various warning light simulations (e.g., police car, ambulance).
- 8. **Scene Mode:** Accesses 20 pre-programmed lighting scenes (e.g., fixed bars, birthdays, aurora).

8 LIGHTING MODES | RGB COLORFUL PHOTOGRAPHY LIGHTS

NO.	MODE	NO.	MODE
Mode 1	 Light	Mode 5	 Streamer
Mode 2	 Color temperature	Mode 6	 Thunder flash
Mode 3	 RGB color light	Mode 7	 Warning light
Mode 4	 RGB free color matching	Mode 8	 Scene

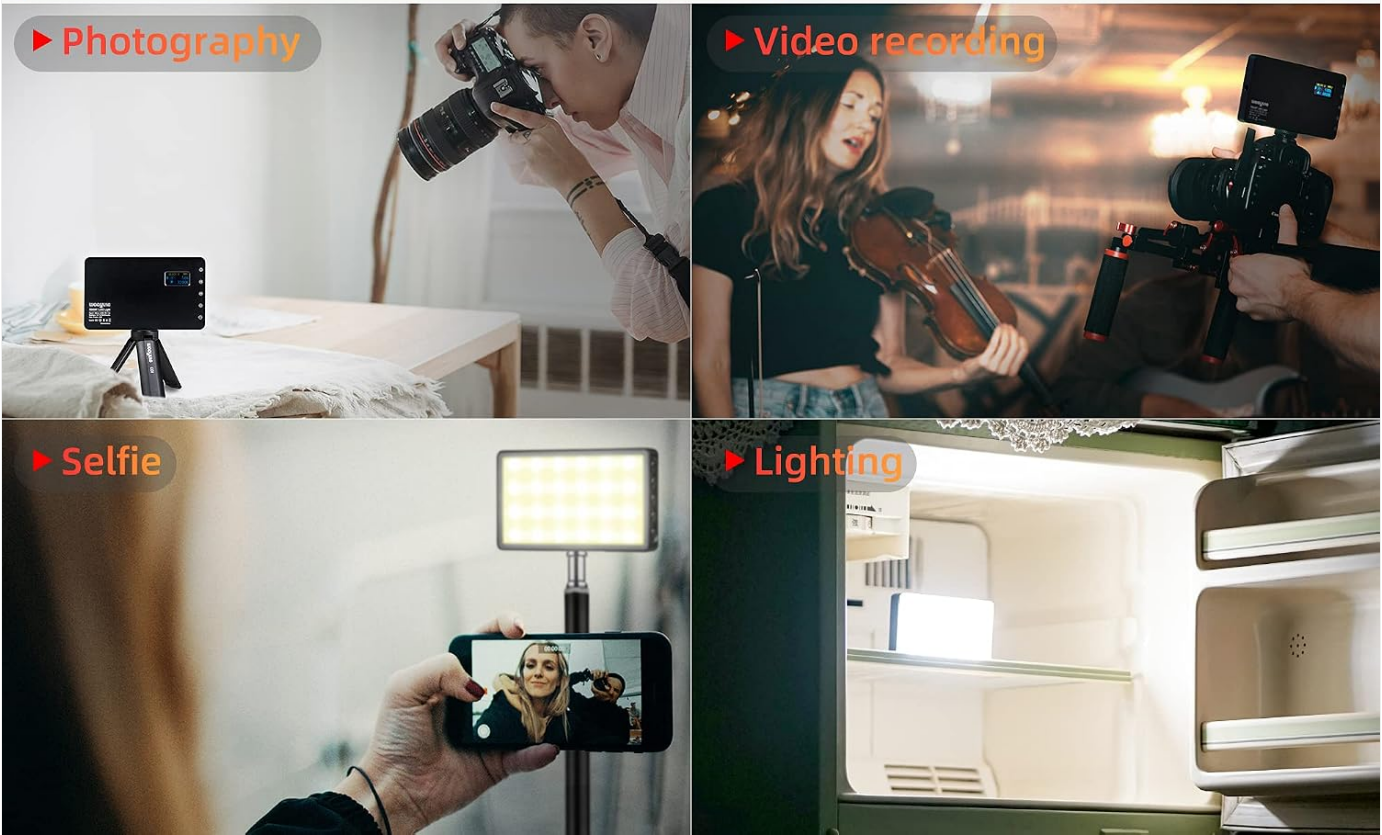


Figure 5: Overview of the 8 distinct lighting modes and their applications in photography, video recording, selfies, and general lighting.

5.2 Adjusting Parameters

Once a mode is selected, use the **Switch Button** to toggle between adjustable parameters (e.g., brightness, color temperature, hue, saturation). Use the **Increase (+)** and **Decrease (-)** buttons to change the values of the selected parameter.

- **Brightness:** Adjustable from 10% to 100%.
- **Color Temperature:** Adjustable from 2500K to 8500K.
- **Hue:** 0° to 360° for full color spectrum.
- **Saturation:** 0L to 100L for color intensity.



Figure 6: Visual representation of brightness, color temperature, and 360-degree full color adjustments, including a color wheel for hue and saturation.

6. BATTERY AND CHARGING

The weeylite GZZ-RB08P is equipped with a built-in 3000mAh lithium battery. When fully charged, it can operate continuously for approximately 1.2 hours at 100% brightness (5600K).

Charging Procedure:

1. Locate the Type-C charging port on the side of the light.
2. Connect the provided USB Type-C cable to the light.
3. Connect the other end of the cable to a standard USB power adapter (5V/2A recommended), a computer USB port, or a power bank.
4. The OLED display will show a charging indicator. The indicator will change or turn off when charging is complete.

Note: While the device can be charged via USB, continuous operation during charging may affect battery longevity or charging speed. It is recommended to charge the device when not in use for optimal performance.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the light's surface. Do not use abrasive cleaners or solvents.
- **Storage:** Store the light in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. If storing for extended periods, charge the battery to approximately 50-70% every few months.
- **Handling:** Handle the device with care to prevent drops or impacts, which could damage internal components or the LED panel.

8. TROUBLESHOOTING

- **Light does not turn on:**
 - Ensure the power switch is in the "On" position.
 - Check battery level. If low, connect to a power source and charge.
- **Light output is dim or inconsistent:**
 - Verify brightness setting on the OLED display.
 - Ensure the battery is sufficiently charged.
- **Cannot change settings:**
 - Press the Mode button to ensure you are in the desired mode.
 - Press the Switch button to cycle through adjustable parameters within the mode.
- **Device gets warm during use:**
 - It is normal for the device to generate some heat during operation, especially at higher brightness levels. Ensure adequate ventilation. If it becomes excessively hot, turn it off and allow it to cool.

9. SPECIFICATIONS

Model Number	GZZ-RB08P
Product Dimensions	4.53 x 2.68 x 0.55 inches (115 x 68 x 14 mm)
Item Weight	14.4 ounces (166g)
Color Temperature Range	2500K - 8500K
RGB Hue Range	0° - 360°
Brightness Adjustment	10% - 100%
CRI	95+
Battery Type	Built-in 3000mAh Lithium Ion
Battery Life (100% brightness, 5600K)	Approx. 1.2 hours
Charging Port	USB Type-C
Mounting Interface	1/4" Screw Hole
UPC	749652616008

10. PACKAGE CONTENTS

Upon opening the package, please verify that all the following items are included:

- weeylite RB08P LED Light
- USB Type-C Charging Cable

- Double Revolving Seat (Hot Shoe Adapter)
- Mobile Phone Holder
- Mini Desktop Tripod
- Packaging Box
- Warranty Card (if applicable)
- User Manual



Figure 7: Image displaying all items included in the product package: the RB08P LED light, Type-C cable, double revolving seat, mobile phone holder, mini tripod, and documentation.

11. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included in your package or contact weylite customer support. Keep your purchase receipt as proof of purchase for any warranty claims.

For technical assistance or further inquiries, please visit the official weylite website or contact their customer service

department. Contact details are typically provided in the warranty card or on the product packaging.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question