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› VIJIM VL196 RGB LED Video Light Instruction Manual

VIJIM VL196

VIJIM VL196 RGB LED Video Light Instruction Manual

Model: VL196 | Brand: VIJIM

1. INTRODUCTION

The VIJIM VL196 is a versatile RGB LED video light designed for portable photography and videography. It features a wide color temperature range, full RGB color control, and various special lighting effects to enhance creative shooting scenarios. This manual provides detailed instructions for the proper use and maintenance of your VL196 LED video light.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x VL196 RGB Video Light
- 1 x Quick Charge Data Cable (USB Type-C)
- 1 x Silicone Soft Light Board
- 1 x Honeycomb Frame
- 1 x Universal Base (Cold Shoe Mount)
- 1 x User Manual

Packing Details



1.Light 2.Soft mask 3.Condenser 4.Mounting base
5.Type-C Charging Cable 6.Instructions

Figure 1: VIJIM VL196 RGB LED Video Light Package Contents

3. PRODUCT FEATURES

- **High Color Performance:** Equipped with 196 LED beads, offering up to 1920 lux at 0.3m.
- **Full RGB Color:** 0-360° full color range with adjustable hue and saturation.
- **Wide Color Temperature:** Dimmable from 2500K (warm) to 9000K (cool).
- **Brightness Control:** Adjustable brightness from 0% to 100%.
- **20 Lighting Effect Modes:** Includes various scene effects like Police car, Ambulance, Fire, Lightning, Fireworks, Television, Candle, Party, Faulty bulb, LED indicator, Stroboscopic, RGB Strobe, Paparazzi, Emergency, High/Low Beam, Red Flash, Green Flash, Blue Flash, HSI Slow, and HSI Fast.
- **Built-in Battery:** 3.7V 5000mAh rechargeable lithium battery, providing up to 130 minutes of operation at full power.
- **USB Type-C Charging:** Supports PD fast charging, fully charged in approximately 2 hours.
- **Silicone Soft Light Board & Honeycomb Frame:** Enhances light softness and controls light spread.
- **Adjustable Angle & Compact Design:** Universal mounting base with cold shoe for flexible angle adjustment. Thin (16mm) and lightweight (209g) for portability.

Large Angle, High Brightness, High Color Rendering

1920 lux
0.3m

196 piece
Lamp bead

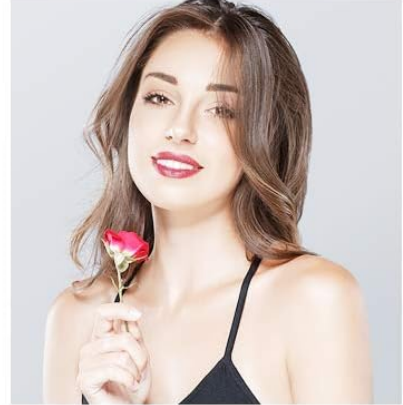
95+
CRI and TLCI

120°
Illumination Angle

0%



100%



2500K



9000K

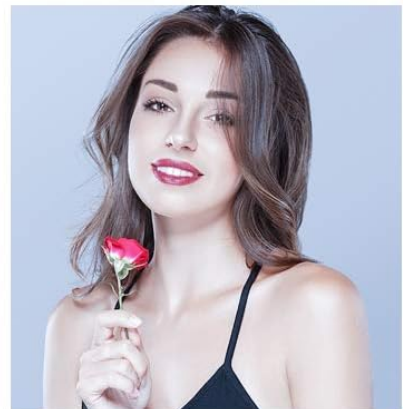


Figure 2: Color Temperature Range (2500K-9000K)

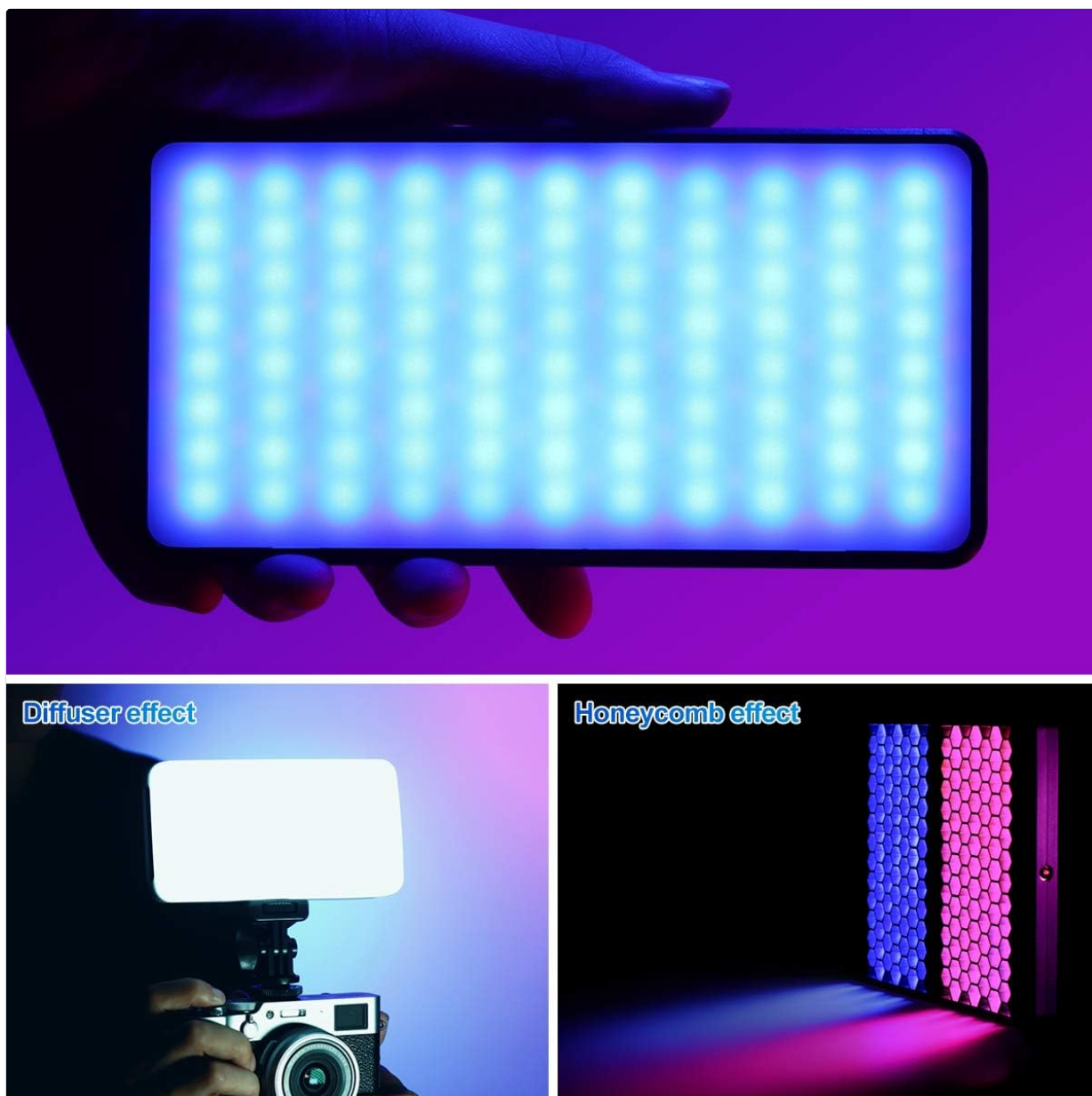


Figure 3: Soft Light Board and Honeycomb Frame Effects

4. CONTROLS AND DISPLAY

The VL196 features an OLED screen and intuitive controls for easy operation.

- **Power Button:** Press and hold to turn the light ON/OFF.
- **Mode Selection Button:** Short press to cycle through CCT, RGB, and Scene modes.
- **Rocker Switch:** Used to navigate menus and adjust values (e.g., color temperature, hue, saturation, brightness).
- **Dial:** Primarily controls brightness in CCT and RGB modes, and intensity in Scene modes.
- **OLED Screen:** Displays current mode, color temperature (K), hue (degrees), saturation (%), brightness (%), and battery level.

Your browser does not support the video tag.

Video 1: Overview of VIJIM VL196 controls and display modes (CCT, RGB, Scene Effects).

5. SETUP

To attach the VL196 to a camera, tripod, or other accessories:

1. Locate the 1/4"-20 screw hole on the bottom of the VL196 light.
2. Attach the universal base (cold shoe mount) to the 1/4"-20 screw hole by rotating it clockwise until secure.

3. Slide the cold shoe mount into your camera's hot shoe or a compatible accessory. Tighten the locking wheel on the universal base to secure it.
4. Adjust the angle of the light as needed using the universal base.



Figure 4: Mounting Options for the VL196

6. OPERATING MODES

The VL196 offers three main operating modes: CCT, RGB, and Scene Effects.

6.1 CCT Mode (Color Temperature)

- In CCT mode, use the rocker switch to adjust the color temperature from 2500K to 9000K.
- Use the dial to adjust the brightness from 0% to 100%.

6.2 RGB Mode (Hue, Saturation, Brightness)

- In RGB mode, use the rocker switch to adjust the hue (color) from 0° to 360°.
- Use the dial to adjust the brightness from 0% to 100%.
- Further adjustments for saturation may be available depending on the firmware version.

6.3 Scene Effects Mode

The VL196 includes 20 pre-programmed lighting effects:

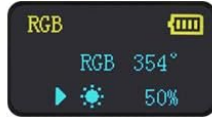
1. Police car
2. Ambulance
3. Fire
4. Lightning
5. Fireworks
6. Television
7. Candle
8. Party
9. Faulty bulb
10. LED indicator
11. Stroboscopic
12. RGB Strobe
13. Paparazzi
14. Emergency
15. High/Low Beam
16. Red Flash
17. Green Flash
18. Blue Flash
19. HSI Slow
20. HSI Fast

Use the rocker switch to cycle through the different scene effects. The dial can be used to adjust the intensity or speed of the effect, where applicable.

20

fx light effect mode

INT: 0%-100%



HUE: 360° tone adjustable

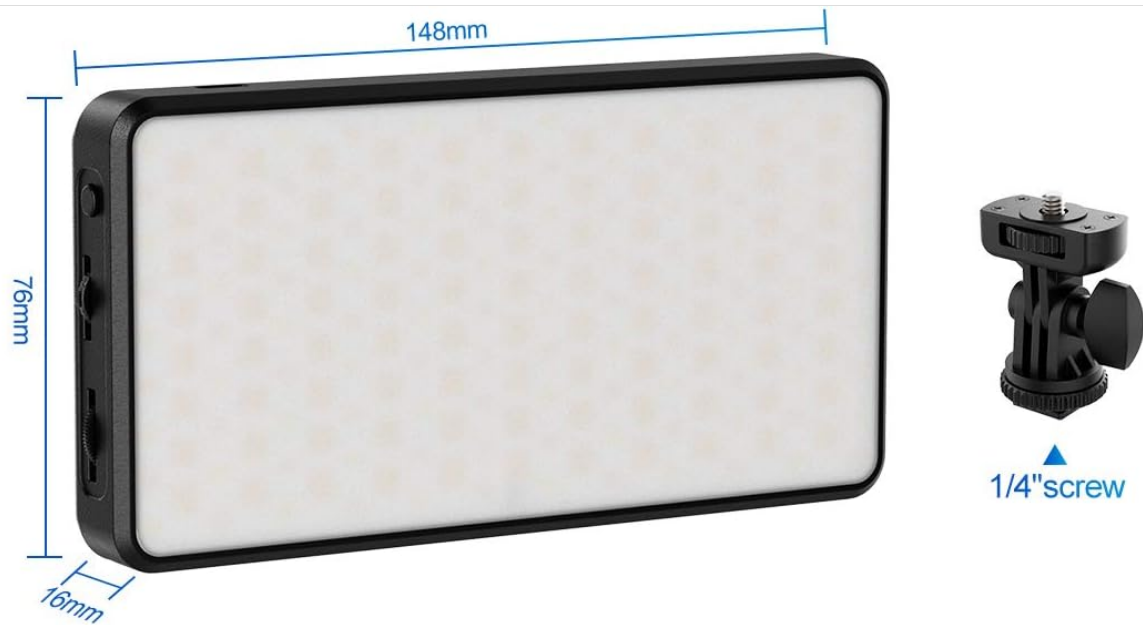


Figure 5: 20 Lighting Effect Modes

7. CHARGING AND BATTERY

The VL196 has a built-in 3.7V 5000mAh rechargeable lithium battery.

- **Charging Port:** Use the provided USB Type-C cable to charge the device.
- **Fast Charging:** The light supports PD fast charging, allowing it to be fully charged in approximately 2 hours.
- **Battery Life:** Provides up to 130 minutes of continuous operation at 100% brightness. Battery life extends significantly at lower brightness settings.
- **Charging Indicator:** The OLED screen displays the battery level and charging status.



Portable LED panel light compatible with all DSLR cameras, tripod, camcorders, magic hand, phone clip with 1/4" standard Hot shoe or cold shoe



Figure 6: USB Type-C Charging

8. ACCESSORIES

The VL196 comes with two key accessories to modify its light output:

- **Silicone Soft Light Board:** Attaches to the front of the light to diffuse the output, making the light softer and less harsh.
- **Honeycomb Frame:** Used to control the spread of light, creating more directional lighting and enhancing shadow play.

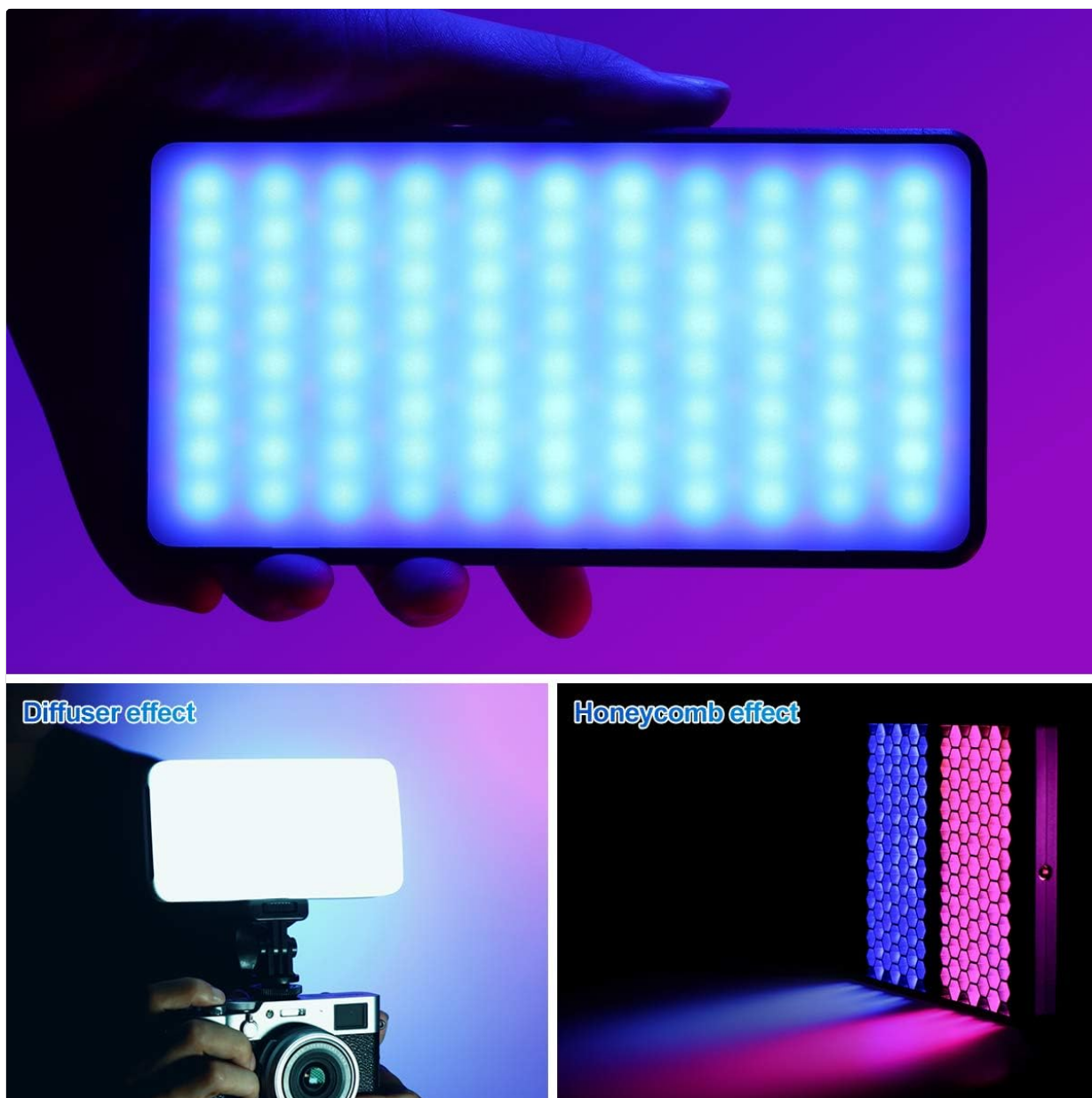


Figure 7: Soft Light Board and Honeycomb Frame

9. SPECIFICATIONS

Feature	Specification
Model Number	2206
LED Lamp Beads	196 pcs
Illuminance	Up to 1920 lux @ 0.3m
Color Temperature	2500K-9000K
RGB Color Range	0-360° Full Color
Brightness Range	0%-100%
CRI	>95
Battery Capacity	3.7V 5000mAh
Charging Port	USB Type-C (supports PD fast charging)

Feature	Specification
Charging Time	Approx. 2 hours
Battery Life (100% Brightness)	Approx. 130 minutes
Product Dimensions	3.94 x 3.94 x 3.15 inches (148mm x 76mm x 16mm)
Item Weight	7.4 ounces (209g)

10. MAINTENANCE

- Keep the light clean by wiping it with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- Store the light in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid dropping the device or subjecting it to strong impacts.
- Do not attempt to disassemble or repair the light yourself, as this will void the warranty.

11. TROUBLESHOOTING

- **Light not turning on:** Ensure the battery is charged. Connect the light to a power source using the USB Type-C cable and try again.
- **Shallow 1/4"-20 Screw Hole:** Some users have reported that the 1/4"-20 screw hole on the device may be too shallow for certain accessories, causing instability. If experiencing this, ensure the accessory's screw is fully engaged. For optimal stability, consider adding a thin rubber washer between the light and the accessory to create a tighter fit.
- **Inconsistent Color Accuracy:** If using multiple lights, slight variations in color accuracy may occur even at the same settings due to manufacturing tolerances. Adjust individual light settings as needed to achieve desired results.

12. WARRANTY AND SUPPORT

VIJIM provides a 1-year replacement service and lifetime friendly after-sales service for the VL196 video light. If you encounter any problems or have questions, please contact VIJIM customer support via the "Contact Seller" button in the "Your Orders" section on Amazon. A satisfactory solution will be provided within 24 hours.