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RaLeno PLV-S116 & VL-S300K Kit

RALENO PLV-S116 & VL-S300K LED Video Lighting Kit User Manual

Model: PLV-S116, VL-S300K

1. Introduction

Thank you for choosing the RALENO PLV-S116 & VL-S300K LED Video Lighting Kit. This kit is designed to provide gentle, uniform, and customizable lighting for various applications, including photography, live streaming, and video recording. This manual provides detailed instructions for the safe and effective use of your lighting kit.

2. Safety Information

- Do not expose the product to water or excessive humidity.
- Use only the provided power adapters.
- Do not disassemble or attempt to repair the unit yourself. Refer all servicing to qualified personnel.
- Ensure proper ventilation around the lights during operation.
- Keep out of reach of children.
- Avoid direct eye exposure to the LED light source.

3. Package Contents

Please check the package contents upon opening to ensure all items are present:

- 2 x RALENO 18-inch LED Video Panel Lights (PLV-S116 / VL-S300K)
- 2 x Rechargeable Remote Controls
- 2 x Metal Light Stands (adjustable from 28 to 75 inches)
- 2 x Power Adapters
- 1 x Phone Stand
- 1 x High-Quality Travel Bag



Image: Overview of the RALENO LED Video Lighting Kit components.

4. Product Overview

The RALENO LED Video Lighting Kit features two powerful 45W LED panel lights, each equipped with 288 LED beads. They utilize edge-lit technology and 4-layer diffusers to produce soft, uniform, and eye-friendly illumination. The kit includes two rechargeable remote controls for convenient adjustment of settings.

Key Features:

- **Gentle and Uniform Lighting:** Edge-lit technology with 4-layer diffusers for soft, even light distribution.
- **High Output:** Each panel provides 45W output with 288 LED beads.
- **Customizable Settings:** Adjustable brightness (1-100%) and color temperature (3200K-5600K).
- **High Color Rendering:** CRI95+ ensures accurate color reproduction.
- **Magnetic Remote Control:** Rechargeable remotes with magnetic storage and charging in the light panel.
- **Stable Stands:** Two adjustable metal stands (28-75 inches) with wide legs for enhanced stability.
- **Dual Power Options:** Can be powered by AC adapter or NP-960/970 batteries (not included).

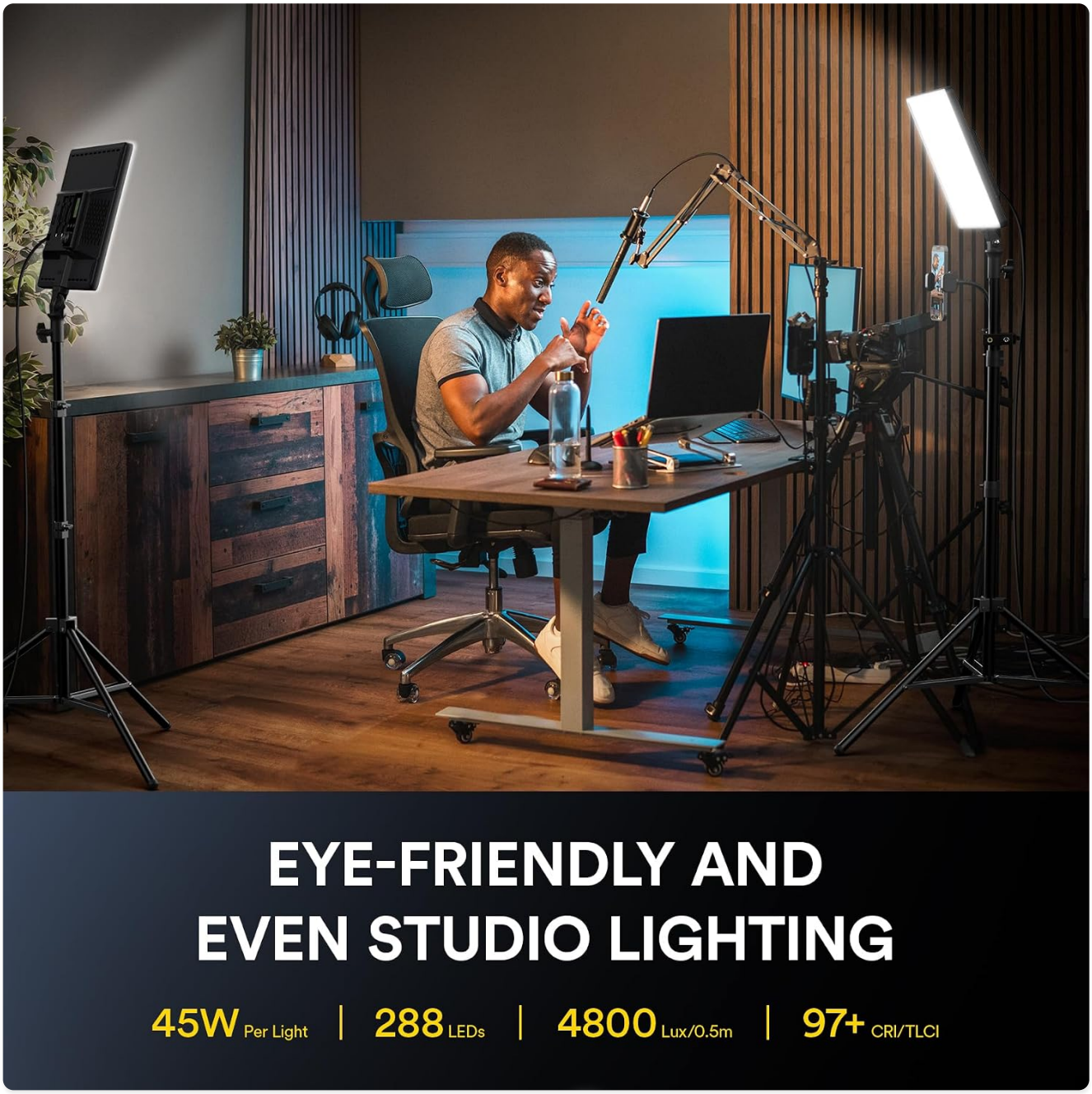


Image: The RALENO lighting kit providing eye-friendly and even studio lighting.



Image: Illustration of the 45W high-powered light's wide beam angle.

5. Setup

5.1 Assembling the Light Stands

1. Unfold the legs of the metal light stand until they are fully extended and stable.
2. Adjust the height of the stand by loosening the locking knobs on the telescopic sections, extending to the desired height, and then securely tightening the knobs. The stands are adjustable from 28 to 75 inches.

5.2 Attaching the LED Panel Lights

1. Locate the mounting screw on top of the light stand.
2. Align the mounting hole on the bottom of the LED panel light with the screw on the stand.
3. Screw the light panel onto the stand until it is securely fastened.
4. Adjust the angle of the light panel using the tilt adjustment knob on the light's bracket.



Image: Dimensions of the light panel and the adjustable height of the stand.

5.3 Powering the Lights

The lights offer two power options:

- **AC Adapter:** For extended indoor use, connect the included power adapter to the DC input port on the light panel and plug it into a wall outlet.
- **Batteries:** For outdoor or portable use, install two NP-960/970 batteries (not included) into the battery compartments on the back of the light panel. Ensure correct polarity.

5.4 Attaching the Phone Stand

The kit includes a phone stand for mobile device integration. Attach it to the light stand or light panel as desired, ensuring it is stable before mounting your phone.

6. Operating Instructions

6.1 Powering On/Off

Locate the power switch on the side or back of the LED panel light. Flip the switch to the 'ON' position to power on the light, and to 'OFF' to power it down.

6.2 Using the Remote Control

The kit includes two rechargeable magnetic remote controls. Each remote can control multiple lights.

1. **Pairing:** To establish a stable signal, place the remote control into the magnetic compartment on the back of the light panel for approximately 3 seconds. The remote will automatically pair with the light.
2. **Channel and Group Selection:** The remote allows you to switch between 40 channels and 3 groups (A/B/C). Use the 'CH' button to change channels and the 'GR' button to cycle through groups. This allows for independent control of multiple lights.
3. **Adjusting Brightness:** Use the 'DIM' dial or '+' / '-' buttons on the remote to adjust the brightness from 1% to 100%.
4. **Adjusting Color Temperature:** Use the 'CCT' dial or '+' / '-' buttons on the remote to adjust the color temperature from 3200K (warm light) to 5600K (cool daylight).
5. **Charging the Remote:** The remote charges automatically when placed in the magnetic compartment on the light panel. The remote's display shows real-time parameters and battery status.



Image: Magnetic remote control features for storage, charging, and connection.



Image: Remote control displaying customizable lighting settings.

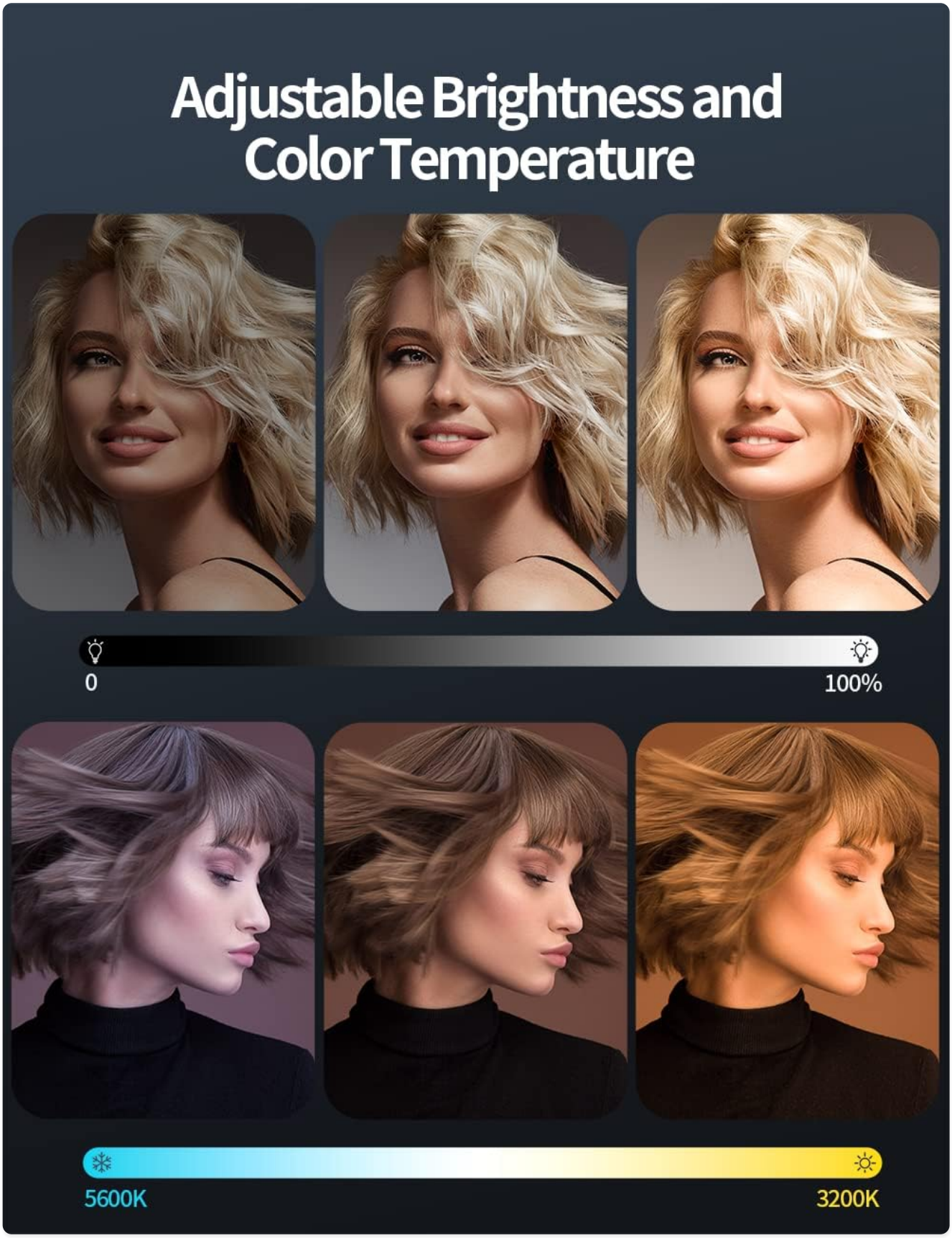


Image: Visual representation of adjustable brightness and color temperature effects.

7. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the light panels and stands. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use, store the lighting kit in the provided travel bag in a cool, dry place, away from direct sunlight and extreme temperatures.

- **Battery Care:** If using batteries, remove them if the lights will not be used for an extended period to prevent leakage.

8. Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; Power adapter faulty; Batteries drained or incorrectly inserted.	Check power connection; Try a different outlet; Ensure batteries are charged and correctly inserted.
Remote control not working.	Remote not paired; Remote battery low; Obstruction between remote and light.	Place remote in magnetic compartment for 3 seconds to re-pair; Charge remote; Ensure clear line of sight.
Light flickering or inconsistent brightness.	Unstable power supply; Low battery power.	Ensure stable power source; Replace or recharge batteries.

9. Specifications

- **Model:** PLV-S116, VL-S300K
- **Power Output:** 45W per light
- **LED Beads:** 288 per light
- **Color Temperature:** 3200K-5600K
- **Brightness Range:** 1%-100%
- **CRI:** 95+
- **Beam Angle:** 120 degrees
- **Light Stand Height:** 28 - 75 inches (72.5 - 200 cm)
- **Power Options:** AC Adapter, NP-960/970 Batteries (not included)
- **Remote Connectivity:** Infrared (2.4G for magnetic remote)
- **Dimensions (Light Panel):** Approximately 18in (45.7cm) x 10.5in (26.7cm)

10. Warranty and Support

RALENO products are manufactured to the highest quality standards. For warranty information or technical support, please refer to the warranty card included with your purchase or contact RALENO customer service directly through their official website or the retailer where the product was purchased. Please have your product model number and purchase date ready when contacting support.
For further assistance, visit the RaLeno Store on Amazon.

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