

RaLeno SL-S116

RALENO 20W RGB Key Light Instruction Manual

Model: SL-S116 | Brand: RaLeno

1. INTRODUCTION

Thank you for choosing the RALENO 20W RGB Key Light. This instruction manual provides essential information for the safe and effective operation of your new streaming light. Designed for video recording, gaming, YouTube, Zoom meetings, and photography, this versatile light offers adjustable color temperature, full RGB color, and various special effects to enhance your visual content. Please read this manual thoroughly before use and retain it for future reference.

2. WHAT'S IN THE BOX

- RGB LED Video Light (1)
- Adapter (1)
- 2.4G Remote Control (1)
- Desktop Stand (1)
- 360° Spherical Head (1)

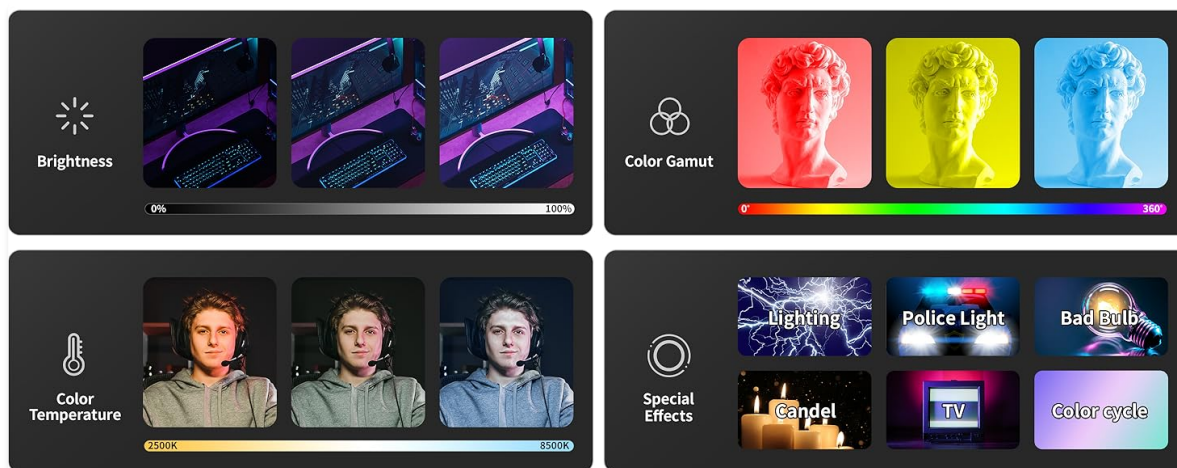


Figure 2.1: All components included in the RALENO 20W RGB Key Light package. This image displays the video light

panel, weighted base, 360° spherical head, 2.4G remote control, Type-C adapter, telescopic pole, and user manual.

3. PRODUCT OVERVIEW

The RALENO 20W RGB Key Light features advanced side-emitting technology with four built-in diffusers, providing soft, non-glare, and flicker-free illumination. It offers versatile lighting modes and convenient control options.

Key Features:

- **Soft and Non-glare Lighting:** Advanced side-emitting technology with 4 built-in diffusers for eye protection.
- **360° Full Color & 3 Modes:** CCT mode (2500-8500K), HSI RGB mode, and 6 special effects.
- **2.4G Magnetic Remote:** Easy connection, charging, and storage. One remote can control multiple lights.
- **Sturdy & Flexible Desk Stand:** Includes a 2.6 lb weighted base, 27.5" telescoping pole, and 360° ball head.
- **Type-C & PD Charging:** Use while charging, supports power banks with PD protocol output.

Eye Friendly Lighting

Built-in 4-layer light diffuser and side-emitting design make the light softer it will not hurt your eyes

Side-emitting

Built-in diffuser



Figure 3.1: The RALENO Key Light features advanced side-emitting technology with four built-in diffusers, ensuring soft and non-glare illumination that is gentle on the eyes.

Easy to connect charge and store

Don't bother for downloading an App
just put the remote control on the compartment to finish the connection
the charging and the store of the remot control



Figure 3.2: The 2.4G magnetic remote control conveniently stores and charges on the back of the light panel, allowing for easy access and multi-light control.



Figure 3.3: One 2.4G remote control can simultaneously manage multiple RALENO Key Lights across 24 channels and 3 groups, simplifying complex lighting setups.

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Video 3.1: This video, titled "RGB-S116 Key Streaming Light" by RALENO US Store, provides a brief overview of the light's features and controls, including the remote and various lighting modes.

4. SETUP INSTRUCTIONS

4.1 Assembling the Desk Stand

1. Attach the telescoping pole to the weighted base.
2. Secure the 360° spherical head to the top of the telescoping pole.

4.2 Mounting the Light Panel

1. Screw the RALENO 20W RGB Key Light onto the 360° spherical head.
2. Adjust the pole height and the spherical head to achieve your desired light position and angle.



Figure 4.1: The sturdy and flexible desk stand includes a weighted base, a telescoping pole (extending up to 27.5 inches), and a 360° ball head for versatile positioning. The light can also be used independently on any camera or stand.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

Use the ON/OFF switch located on the side of the light panel or the remote control to power the device on or off.

5.2 Adjusting Brightness and Color Temperature (CCT Mode)

In CCT mode, you can adjust the brightness from 1% to 100% and the color temperature from 2500K (warm) to 8500K (cool). Use the corresponding controls on the light panel or the remote.



Figure 5.1: The light offers CCT mode for brightness (1%-100%) and color temperature (2500K-8500K) adjustments, ideal for video conferencing. HSI & SCENE mode provides full RGB color and special effects for creative lighting.

5.3 HSI RGB Mode and Special Effects

Switch to HSI RGB mode for full 360° color control, allowing you to enhance the atmosphere for gaming, streaming, or photography. The light also features 6 special effects for diverse video creation options.



Figure 5.2: RGB Mode allows precise control over brightness (1%-100%), hue (0°-360°), and color saturation (0%-100%) to achieve any desired color effect.



Figure 5.3: This image illustrates the various lighting controls including brightness, color gamut, color temperature, and special effects such as lightning, police light, bad bulb, candle, TV, and color cycle.

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Video 5.1: Titled "Set The Mood For Your Photos and Videos With This RGB Light" by Alex Camp, this video demonstrates the light's RGB capabilities and how to use them to create different moods and effects for various content creation scenarios.

6. CHARGING AND POWER

The RALENO Key Light features a built-in 4000mAh Lithium-Ion battery, providing approximately 85 minutes of use at maximum brightness. It supports Type-C charging, allowing you to use the light while it charges. It also supports power banks with PD protocol output for flexible power options.



Figure 6.1: The light is equipped with a built-in 4000mAh Li-ion battery, offering approximately 85 minutes of continuous use. It can also be used while charging via the Type-C port.

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Video 6.1: In this video titled "It even has a battery" by Lillian the Author, the user highlights the convenience of the light's built-in battery, making it portable and easy to use on the go.

7. SPECIFICATIONS

Feature	Specification
Product Dimensions	7.64"L x 7.48"W x 1.1"H
Item Weight	5.17 pounds
Item Model Number	SL-S116
Battery Type	1 Lithium Ion battery (included)
Battery Life (Max Brightness)	85 minutes
Connectivity Technology	USB
Hardware Interface	USB Type C
Color Temperature Range	2500-8500K

8. TROUBLESHOOTING

8.1 Fan Noise

Some users have reported fan noise, particularly when the light is used in quiet environments or close to microphones. This is due to the internal cooling fan. If fan noise is a concern for your specific use case (e.g., video recording with sensitive audio), consider positioning the light further away from microphones or using external noise reduction techniques.

8.2 Light Not Powering On or Flashing

Ensure the light is properly charged or connected to a power source via the Type-C port. If the light is flashing or not responding, check the power switch and remote control settings. Refer to the operating instructions for proper mode selection and brightness adjustment.

8.3 Remote Control Issues

Ensure the remote control has fresh batteries (2x AAA, not included) and is properly paired with the light. Check the channel settings on both the remote and the light panel to ensure they match. One remote can control multiple lights, so verify you are on the correct channel for the intended light.

9. MAINTENANCE

To ensure the longevity and optimal performance of your RALENO 20W RGB Key Light, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the light panel and housing. Avoid abrasive cleaners or solvents that could damage the surface.
- **Storage:** When not in use, store the light in a cool, dry place, preferably in its original packaging or a protective bag to prevent dust accumulation and physical damage.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Recharge the battery regularly, even if the light is not in constant use.

- **Handling:** Handle the light and its components with care to prevent drops or impacts, which could damage internal electronics or the diffuser panel.

10. WARRANTY AND SUPPORT

RALENO is committed to providing excellent customer service. Your RALENO 20W RGB Key Light comes with a standard manufacturer's warranty against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the product packaging or contact RALENO customer support.

If you have any questions about the product, require technical assistance, or need to claim warranty service, please do not hesitate to contact us. Our professional after-sales service team will reply to you within 24 hours.

Contact Information: Please refer to the official RALENO website or your purchase documentation for the most up-to-date contact details.