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NEEWER RGB61

NEEWER RGB61 Magnetic RGB Camera Light Instruction Manual

Model: RGB61

Brand: NEEWER

INTRODUCTION

The NEEWER RGB61 Magnetic RGB Camera Light is a versatile and portable LED video light designed for various photography and videography applications. Featuring a wide range of adjustable settings, multiple mounting options, and a magnetic design, it provides flexible lighting solutions for content creators.

WHAT'S IN THE BOX

- 1 x RGB61 LED Light
- 1 x Light Diffuser
- 1 x USB Type C cable

SPECIFICATIONS

Products
RGB61

Number of LEDs
61

Power
6W

Maximum Illumination
800 Lux/0.5m

Power supply mode
Built in 3.7V 2000mAh 7.4Wh

Net Weight
Approx. 96g (without soft cover)110g(with soft cover)

RGB color gamut
0-360° Full color

Charger
5V 1A

Saturation Range
0-100.

Control Mode
key

Dimension
66 * 79.65 * 30 mm



PACKAGE CONTENTS



1 × RGB61 LED Light



1 × Light Diffuser



1 × USB Type C cable

Image: The NEEWER RGB61 LED Light package contents, showing the light unit, a light diffuser, and a USB Type C charging cable.

PRODUCT FEATURES

- **Professional RGB LED Video Light:** Equipped with 61 LEDs, a 120° beam angle, a maximum illuminance of 800 lux at 0.5m, and a high CRI of 97+. Adjustable settings include 0-360° hue, 0-100% brightness, and a 2500K (warm white) to 8500K (cold white) color temperature range. An LCD screen displays current settings.
- **Magnetic Design:** Features an integrated magnet at the rear for easy attachment to magnetic surfaces, offering flexible placement for creative shots.
- **20 Scene Modes:** Includes 20 special effects such as Cop Car, Ambulance, Fire Truck, Lightning, Fireworks, TV, Candle, Party, Flickering Bulb, Pulsing, Strobe, RGB Strobe, Paparazzi, Emergency, H/L Beam, Red Flash, Green Flash, Blue Flash, HSI Slow, and HSI Fast.
- **2000mAh Rechargeable Battery:** Built-in lithium battery charges fully in 2.6 hours and provides up to 2.6 hours of continuous lighting at 100% brightness. Charges via USB Type-C.
- **Multiple Mounting Options:** Compact size (3.14" x 2.6" x 1.18" / 7.97 x 6.6 x 3cm) with a 1/4" female thread on the bottom cold shoe and three additional cold shoes on the sides and top for connecting to tripods, camera cages, microphones, and other accessories.



CCT MODE

2500K-8500K

Color Temperature



0-100%

Brightness



HSI MODE

360°
TONE



0-100%
SAT



0-100%
INT



Image: The NEEWER RGB61 light's display showing options for CCT (Color Correlated Temperature) and HSI (Hue, Saturation, Intensity) modes, illustrating its versatile color and brightness controls.



POCKET SIZE

Can easily be put in your pocket, camera bag, or backpack for use on the go.



3.9oz / 110g
Ultra Lightweight

Image: A person placing the NEEWER RGB61 light into a pocket, highlighting its compact and lightweight design for easy portability.

SETUP

Initial Charging

Before first use, fully charge the device to ensure optimal battery longevity. Connect the provided USB Type-C cable to the light's charging port and a compatible USB power source (e.g., wall adapter, computer USB port). The battery indicator on the LCD screen will show charging status.

Mounting the Light

The RGB61 offers several mounting options:

- **Cold Shoe Mount:** Attach the light directly to a camera's hot shoe or a cold shoe adapter on a rig.
- **1/4" Screw Thread:** Use the 1/4" female thread on the bottom to mount the light onto tripods, light stands, or other accessories with a 1/4" screw.
- **Magnetic Attachment:** The integrated magnet allows for quick attachment to any magnetic metal surface.
- **Multiple Cold Shoes:** Utilize the three additional cold shoes on the sides and top to attach other accessories like microphones or additional lights.

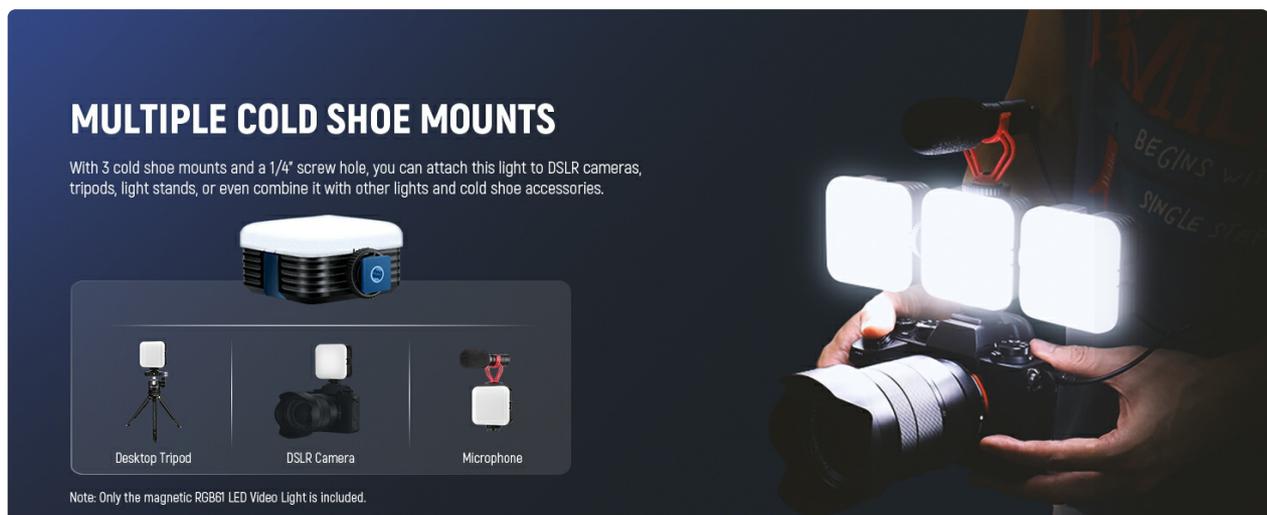


Image: The NEEWER RGB61 light demonstrating its multiple cold shoe mounts and 1/4" screw hole, illustrating how it can be expanded with accessories like a microphone or mounted on a tripod or camera.

OPERATING INSTRUCTIONS

Power On/Off

To power on or off the light, long press the power button (**U**) located on the control panel.

Mode Selection

Short press the 'M' button to cycle through the main operating modes: CCT (Color Temperature), HSI (Hue, Saturation, Intensity), and FX (Special Effects).

Adjusting Settings

Once a mode is selected, use the arrow buttons (**▲** / **▼**) to adjust the parameters within that mode.

- **CCT Mode:** Adjust color temperature from 2500K to 8500K and brightness from 0% to 100%.
- **HSI Mode:** Adjust hue (0-360°), saturation (0-100%), and intensity (0-100%).
- **FX Mode:** Select from 20 pre-programmed special effects. Use the arrow buttons to navigate through the effects.

Video: A demonstration of the NEEWER RGB61 light's various color and special effects modes, showcasing its versatility for different lighting scenarios.

Video: A review highlighting the magnetic feature and RGB capabilities of the NEEWER Magnetic RGB Video Light, demonstrating its practical use and color options.

CHARGING AND BATTERY

The RGB61 light features a built-in 2000mAh lithium polymer battery. To charge, connect the USB Type-C cable to the charging port. A full charge takes approximately 2.6 hours. The light can operate for up to 2.6 hours at 100% brightness on a full charge.

Note: Avoid using the light while charging to protect battery life. For optimal battery longevity, fully charge the device before its first use.



Image: The NEEWER RGB61 light being charged via its USB Type-C port, with visual indicators for battery capacity, runtime, and charging specifications.

MAINTENANCE

To ensure the longevity and optimal performance of your NEEWER RGB61 Magnetic RGB Camera Light, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the light. Do not use harsh chemicals or abrasive

materials.

- **Storage:** Store the light in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** If storing for extended periods, charge the battery to approximately 50-70% every three months to prevent deep discharge.
- **Avoid Water:** This device is not waterproof. Keep it away from water and high humidity.

TROUBLESHOOTING

If you encounter issues with your NEEWER RGB61 Magnetic RGB Camera Light, try the following steps:

- **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.
- **Controls Unresponsive:** Power off the device and then power it back on. If the issue persists, ensure the battery is adequately charged.
- **Inconsistent Light Output:** Check the brightness and mode settings on the LCD screen. Ensure the light is not being used while charging, as this is not recommended.
- **Overheating:** If the light feels excessively hot, turn it off and allow it to cool down before resuming use. Prolonged use at 100% brightness in confined spaces may lead to increased temperature.

For further assistance, please contact NEEWER customer support.

SPECIFICATIONS

Feature	Specification
Model Number	RGB61
Number of LEDs	61
Power	6W
Maximum Illuminance	800 lux at 0.5m
CRI	97+
Color Temperature Range	2500K-8500K
Color Gamut	0-360° Full Color
Battery Capacity	2000mAh Lithium Polymer
Continuous Lighting Time	Up to 2.6 hours (at 100% brightness)
Charging Time	Approx. 2.6 hours
Charging Port	USB Type-C (5V/1A)
Product Dimensions	3.14" x 2.6" x 1.18" / 7.97 x 6.6 x 3cm
Item Weight	5.8 ounces / 164g

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official NEEWER website or contact NEEWER customer service directly. Keep your purchase receipt for any warranty claims.