

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

> [NEEWER](#) /

> [NEEWER 660 PRO RGB LED Video Light Kit Instruction Manual](#)

NEEWER RGB660 PRO

NEEWER 660 PRO RGB LED Video Light Kit Instruction Manual

Model: RGB660 PRO

Brand: NEEWER

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your NEEWER 660 PRO RGB LED Video Light Kit. This kit features powerful 50W RGB LED video lights with app control, suitable for various photography and videography applications, including vlogging, portraits, studio photoshoots, podcast video recording, weddings, product photography, video gaming, game live streaming, filming, and Zoom calls.

KEY FEATURES

- **50W Powerful & Versatile RGB Lighting:** Provides flicker-free illumination with 3200K~5600K color temperature, 0~100% dimming range, and 360° RGB colors.
- **High CRI & Built-in Applicable Scenes Modes:** Ultra-high Color Rendering Index (CRI) over 97 ensures natural and vivid color reproduction. Includes 9 special lighting scenes: Police Car, Ambulance, Fire Truck, Fireworks, Party, Candlelight, Lightning, Paparazzi, and TV Screen.
- **Intelligent App Control:** Control lights via the 'Neewer' app (Android 4.3+/iOS 11.1+) to adjust brightness, color temperature, hue (0~360°), saturation (0~100%), select groups (1-8/All), strobe scenes, and save two favorite lighting presets.
- **Useful Lighting Accessories:** U-bracket for 180° tilt, four-way barn doors for beam modification, and a white diffuser to soften harsh glare. Aluminum alloy light tripod stands offer a height range from 3' to 6.6' (92cm to 200cm).
- **Dual Power Supplies:** Can be powered by included AC power adapters or optional NP-F batteries (not included) for outdoor use.

PRODUCT COMPONENTS

The NEEWER 660 PRO RGB LED Video Light Kit includes the following items:

- 2x 660PRO RGB LED Video Light Panels
- 2x Aluminum Alloy Light Tripod Stands
- 2x AC Power Adapters
- 2x White Diffusers
- 2x Carrying Cases (for light panels)

SETUP INSTRUCTIONS

1. **Unpacking:** Carefully remove all components from the carrying case. The foam inserts within the case are designed for protection and should be retained for future storage.
2. **Assemble Tripod Stands:** Extend the legs of each aluminum alloy tripod stand to a stable position. Adjust the height to your desired level (from 3' to 6.6') and secure the sections using the locking mechanisms.
3. **Mount LED Lights:** Attach each 660 PRO RGB LED Video Light panel to the top of a tripod stand. The U-bracket allows for 180° tilting to achieve desired beam angles. Secure the light panel firmly to the stand.
4. **Connect Power:**
 - **AC Power:** Connect the included AC power adapters to the DC 12-15V input port on the back of each light panel, then plug into a wall outlet.
 - **Battery Power (Optional):** For portable use, insert one or two compatible NP-F batteries (not included) into the battery slots on the back of each light panel.
5. **Attach Accessories:** Slide the white diffuser into the designated slots on the front of the light panel to soften the light. Adjust the four-way barn doors as needed to shape the light beam.

Powerful excellent RGB metal LED light

50W
MAX Power

97
CRI

660PCS
LED Number

**Aviation
Aluminum**
Material

>15m
Bluetooth Range

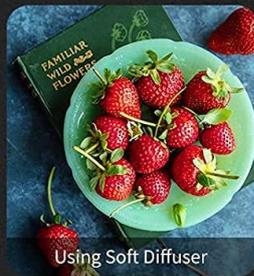
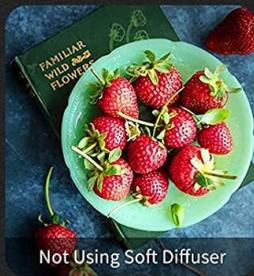
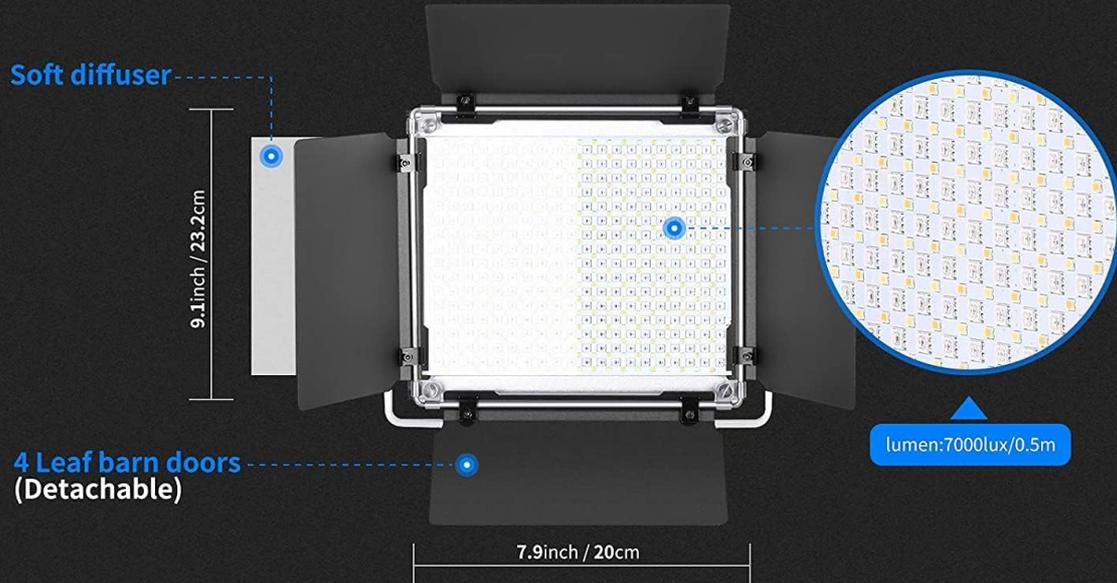


Image: Overview of the NEEWER 660 PRO RGB LED Video Light Kit components and dimensions.



2-Direction interface design



Image: The U-bracket allows for flexible vertical or horizontal mounting of the light panel.

Power options

Power with AC adapter **(Included)** or NP-F550 NP-F970 Li-ion battery **(Not Included)**

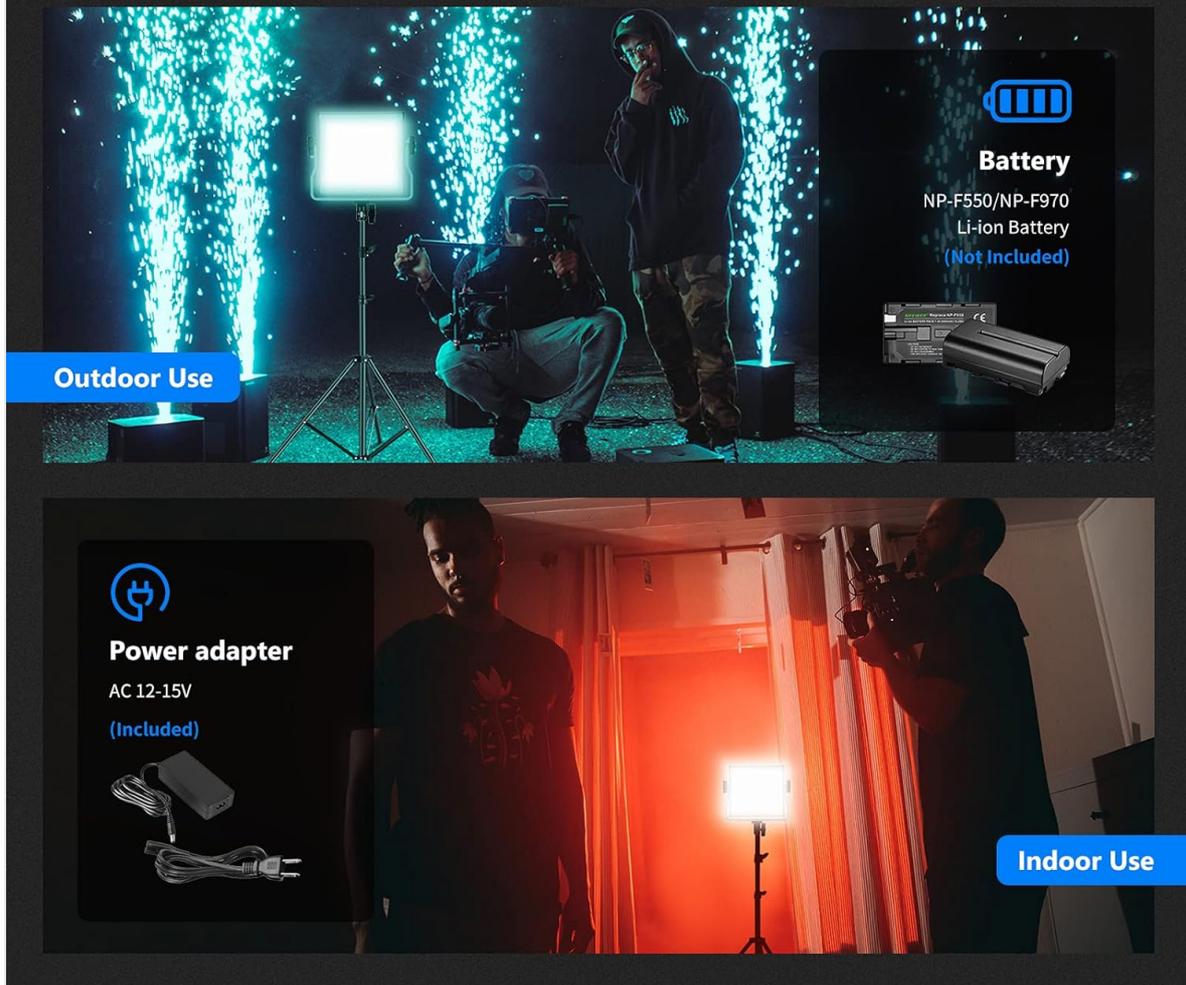


Image: Illustration of the dual power supply options for indoor (AC) and outdoor (battery) use.

OPERATING INSTRUCTIONS

The NEEWER 660 PRO RGB LED Video Light offers both manual controls on the unit and intelligent app control via your smartphone.

Manual Control

Use the knobs and buttons on the back of the light panel to adjust settings:

- **Mode Button:** Press to cycle through CCT (Correlated Color Temperature), HSI (Hue, Saturation, Intensity), and Scene modes.
- **Intensity/Brightness Knob:** Adjusts the light output from 0% to 100%.
- **Color Temperature/Hue/Saturation Knob:** Adjusts the specific parameter depending on the selected mode.
- **Function Buttons (Fn1-Fn4):** May be used for quick access to saved presets or specific functions.

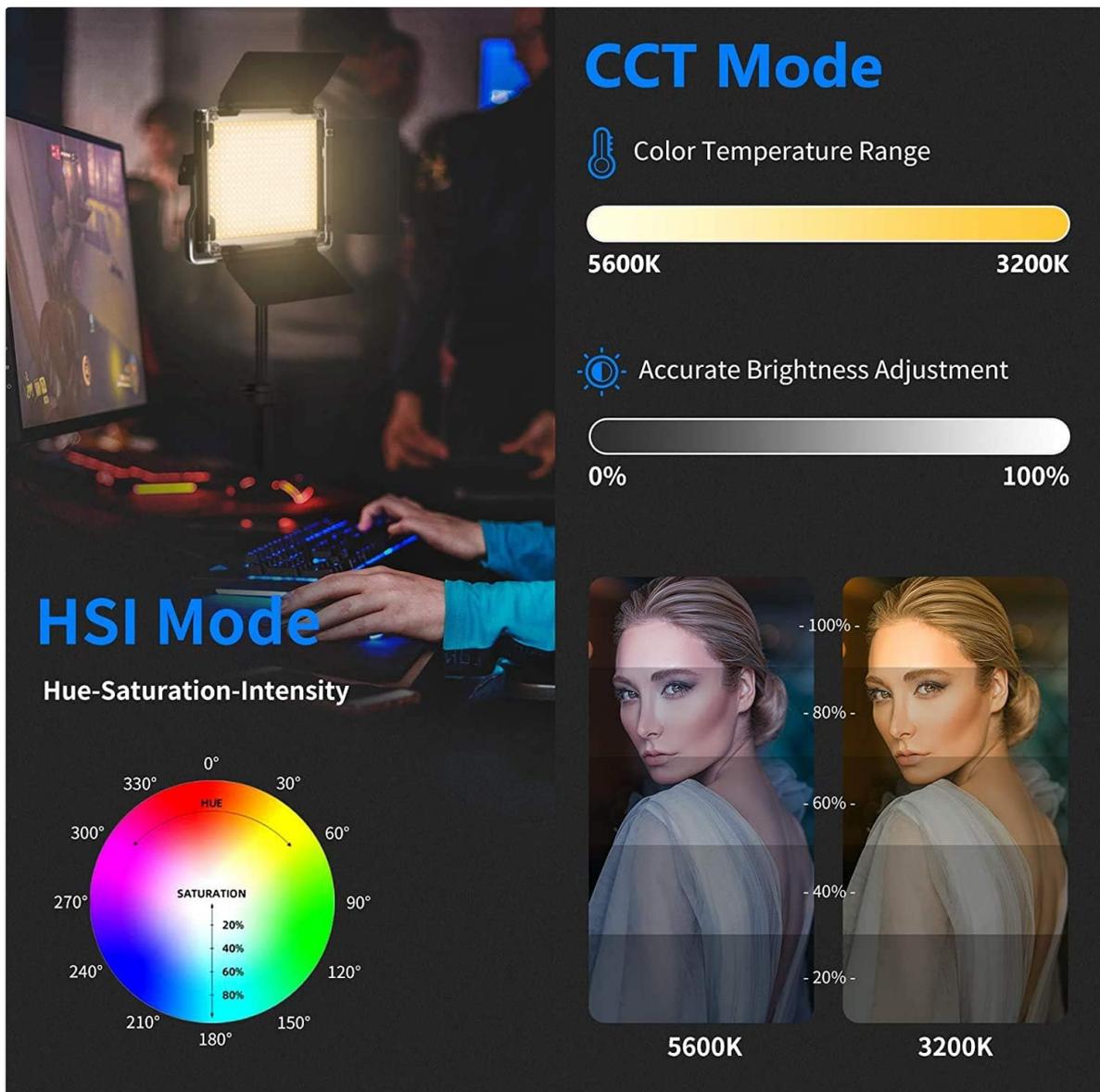


Image: Manual controls for CCT (Color Temperature) and HSI (Hue, Saturation, Intensity) modes.

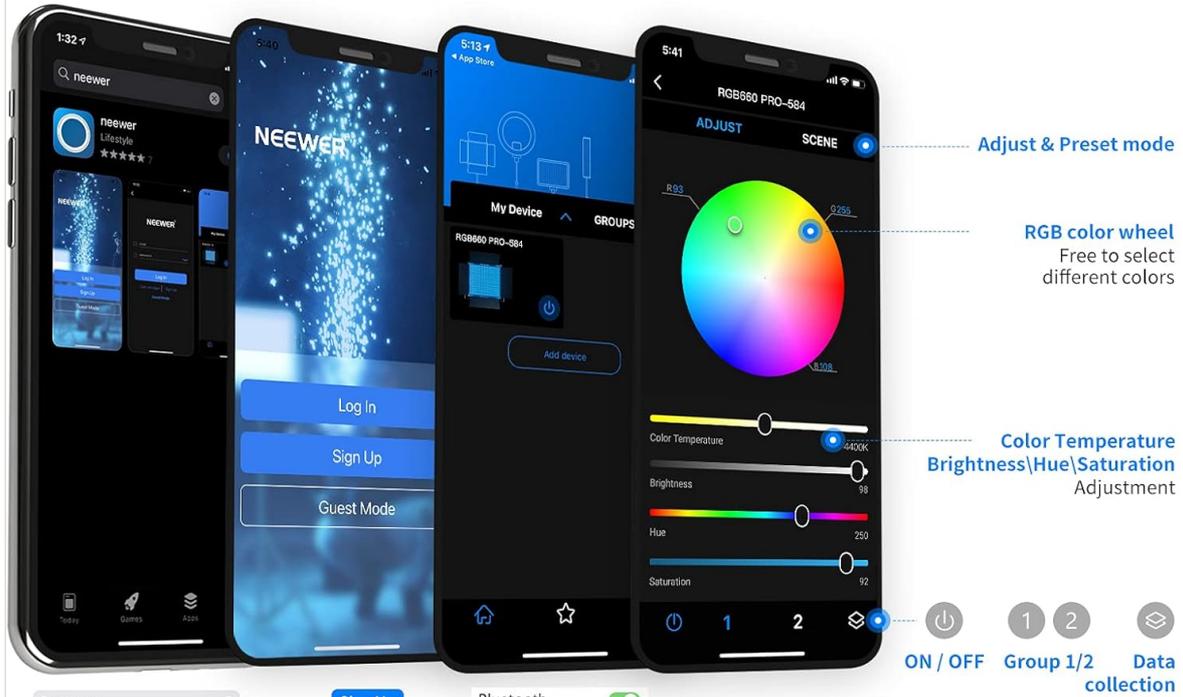
App Control

Download the 'Neewer' app from your smartphone's app store (Android 4.3 or later / iOS 11.1 or later) for wireless control.

1. **Download App:** Search for 'Neewer' in the App Store or Google Play.
2. **Connect via Bluetooth:** Enable Bluetooth on your smartphone and open the 'Neewer' app. Select 'RGB660 PRO' from the device list to connect.
3. **Adjust Settings:** Within the app, you can precisely adjust brightness, color temperature, hue, and saturation using intuitive sliders and color wheels.
4. **Select Modes:** Choose between CCT, HSI, and Scene modes directly from the app interface.
5. **Group Control:** Select groups (1-8/All) to control multiple lights simultaneously.
6. **Save Presets:** Save two favorite lighting presets for quick recall.

NEEWER APP Control

Equipped with mobile APP control function, this light can be controlled by your smart mobile device. (Android 4.3 / iOS 11.1 or above)



Search and download the **Neewer** app in major app stores (Such as Apple Store / Google Play, or scan a QR code in the manual)

Click **Sign up** to complete registration

Open **Bluetooth** Click "+" and choose **"RGB660 PRO"**

When you click "1" or "2" the light will automatically restore the default settings saved for **group 1 or 2**

9 Preset modes of lighting effect

Simple operation, let you complete more quickly the light effect setting



To control multiple groups of RGB lights

After adding two devices, click on the group column. Long press the icon for 2 seconds to drag the device to move to other groups

Control panel

Image: The 'Neewer' app interface showing RGB color wheel, brightness, hue, and saturation adjustments.

Lighting Modes

- **CCT Mode:** Adjusts white light color temperature from 3200K (warm) to 5600K (cool) and brightness from 0% to 100%.
- **HSI Mode:** Provides full control over hue (360°), saturation (0-100%), and brightness (0-100%) for creative color lighting.
- **Scene Modes:** Choose from 9 pre-programmed special effects to enhance your shooting environment: Police Car, Ambulance, Fire Truck, Fireworks, Party, Candlelight, Lightning, Paparazzi, and TV Screen.



Image: Visual representation of the color temperature range (3200K-5600K) and brightness adjustment (0-100%).

9 Different lighting scenes

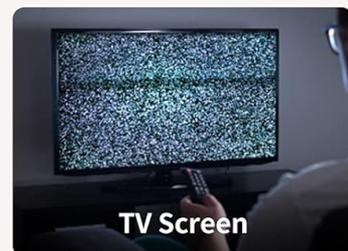


Image: Examples of the 9 special lighting scenes available on the NEEWER 660 PRO RGB LED Video Light.

SPECIFICATIONS

Model	RGB660 PRO
Number of LEDs	660
Color Temperature	3200-5600K
CRI	97+
Dimming Range	0-100%
Saturation Range	0-100%
Hue Angle	0-360°
Maximum Power	50W
DC Input	12-15V
Illuminance	7000 LUX/0.5m, 2200 LUX/1m
Product Dimensions (Light Panel)	9.14" x 7.89" x 1.97" (23.2 x 20 x 5cm)
Connectivity Technology	Bluetooth

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the light panels and accessories. Avoid abrasive cleaners or solvents.
- **Storage:** When not in use, store the light kit in its original carrying case to protect it from dust and damage.
- **Battery Care:** If using NP-F batteries, ensure they are charged according to manufacturer guidelines and stored in a cool, dry place when not in use.

TROUBLESHOOTING

- **Light Not Turning On:** Check if the AC power adapter is securely connected to both the light panel and the power outlet. If using batteries, ensure they are fully charged and correctly inserted.
- **App Connectivity Issues:** Verify that Bluetooth is enabled on your smartphone. Ensure the 'Neewer' app is updated to the latest version. Restart both the light panel and the app if connection problems persist.
- **Light Flickering:** Ensure the power source is stable. If using AC power, try a different outlet. If using batteries, check their charge level.

WARRANTY & SUPPORT

For warranty information, technical support, or any inquiries regarding your NEEWER 660 PRO RGB LED Video Light Kit, please refer to the official NEEWER website or contact NEEWER customer service directly. Keep your purchase receipt for warranty claims.

PRODUCT VIDEOS

NEEWER 2 Packs 660 PRO RGB LED Review

Video: A detailed review of the NEEWER 2 Packs 660 PRO RGB LED Video Light Kit, showcasing its features and performance.

Why I LOVE the Neewer 660 LED Video Light and Stand Kit

Video: An overview highlighting the benefits and versatility of the Neewer 660 LED Video Light and Stand Kit.

AWESOME NEEWER LED lights - Many functions and colors!

Video: Demonstrates various functions and color options of the NEEWER LED lights.

Watch before you buy!

Video: A user's perspective on the product, offering insights before purchase.

Neewer 660 RGB Light Setup

Video: A demonstration of the setup process for the Neewer 660 RGB Light.

If you like getting creative with photos and videos BUY THESE LIGHTS!!

Video: Highlights the creative possibilities and versatility of the NEEWER lights for photo and video.

Review Professional Lighting

Video: A review focusing on the professional lighting capabilities of the product.

Comparing two Neewer video light panels! #thisorthat

Video: A comparison between two different Neewer video light panels, highlighting their differences and uses.

Adjustable Lights for Better Videos

Video: Demonstrates the adjustability of the lights for improved video quality.

NEEWER RGB660 Pro II LED Light with Stand Review

Video: A review of the NEEWER RGB660 Pro II LED Light, including its stand.