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› NEEWER CB60B 70W LED Video Light Instruction Manual

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NEEWER CB60B 70W LED Video Light Instruction Manual

Model: CB60B | Brand: NEEWER

INTRODUCTION

The NEEWER CB60B 70W LED Video Light is a versatile bi-color continuous output lighting solution designed for videography, photography, and live streaming. Featuring adjustable color temperature from 2700K to 6500K, 0-100% dimming, and 12 special scene effects, it offers precise control over your lighting environment. With a high CRI of 97+ and TLCI of 98+, it ensures accurate color reproduction. The light supports both app control and a built-in 2.4G system for remote operation, and its standard Bowens mount allows compatibility with a wide range of light modifiers.

WHAT'S IN THE BOX

- 1 x CB60B Bi Color LED Video Light
- 1 x Reflector (Preinstalled)
- 1 x Power cord (US Plug)
- 1 x Manual

Package Contents



Image: Contents of the NEEWER CB60B package, including the LED light, reflector, power cord, and manual.

KEY FEATURES

- **70W Output Versatile LED Video Light:** Provides 70W output power and 34000lux@1m maximum illuminance, suitable for videography, weddings, YouTube/TikTok videos, filmmaking, and live streaming. Features a robust aluminum alloy shell and supports OTA firmware updates.
- **2700K-6500K CCT & 12 Scene Effects:** Offers CCT Mode (2700K-6500K color temperature, 0-100% dimming) and Scene Mode (12 preset lighting scenes for realistic effects). High CRI 97+ and TLCI 98+ ensure accurate color reproduction.
- **Infinity App Control & Built In 2.4G:** Control settings dynamically via the NEEWER App (up to 66'/20m, 8 groups, 255 devices with Infinity technology). Also features a built-in 2.4G system with 99 channels for remote control without the app.
- **Ultra Silent Fan & Overheat Protection:** Integrated ultra-silent fan prevents noise distractions and runs faster at 152°F/67°C to protect internal components and extend lifespan.
- **Bowens Mount & Wider Compatibility:** Standard Bowens mount and built-in umbrella hole for compatibility with various light modifiers like softboxes, reflectors, beauty dishes, and umbrellas. The stand mount tilts 180° for angle adjustment.

SETUP

1. Mounting the Light

The NEEWER CB60B features a standard stand mount that tilts 180 degrees. Secure the light firmly onto a compatible light stand using the locking knob. Ensure the stand is stable and capable of supporting the light's weight (4.62 pounds).



Image: The NEEWER CB60B mounted on a light stand, demonstrating its ability to be positioned horizontally or vertically with a locking knob for secure placement.

2. Connecting Power

Connect the provided power cord (US Plug) to the AC 100-240V 50/60Hz input on the back of the light. Ensure the power switch is in the OFF position before connecting to a power source.

3. Attaching Light Modifiers (Bowens Mount)

The CB60B is equipped with a standard Bowens mount, allowing for quick attachment and detachment of various light modifiers. To attach a modifier (e.g., reflector, softbox):

1. Align the mounting pins of the modifier with the slots on the Bowens mount of the light.
2. Insert the modifier and rotate it clockwise until it locks securely into place.
3. To remove, press the release button on the Bowens mount and rotate the modifier counter-clockwise.

STANDARD BOWENS MOUNT

Compatible with a variety of light modifiers for maximum lighting effects.



SF-7016
70cm Parabolic
softbox.



SF-8KGD36
90cm Softbox.



SF85Q
85cm Parabolic
Softbox.



SF-LT26
65cm Softbox.



NK-NALTM
6cm Conical
Snoot.



NK-NARC22
55cm Beauty Dish.

Compatible With Umbrella



Image: The NEEWER CB60B demonstrating its compatibility with various Bowens mount light modifiers such as softboxes, snoots, and beauty dishes, highlighting its versatility.

OPERATING INSTRUCTIONS

1. Basic Controls

The control panel on the back of the light allows for direct adjustments:

- **Power Switch:** Located at the bottom, use to turn the light ON/OFF.
- **Brightness Adjustment:** Use the rotary knob to adjust the light intensity from 0% to 100%.
- **Color Temperature (CCT) Adjustment:** Use the CCT button and rotary knob to select color temperatures between 2700K and 6500K.
- **Scene Effects:** Press the FX button to cycle through 12 preset lighting scenes (e.g., Lightning, Paparazzi, Candlelight).
- **Channel Selection:** Use the CH button to select from 99 available channels for 2.4G wireless control.

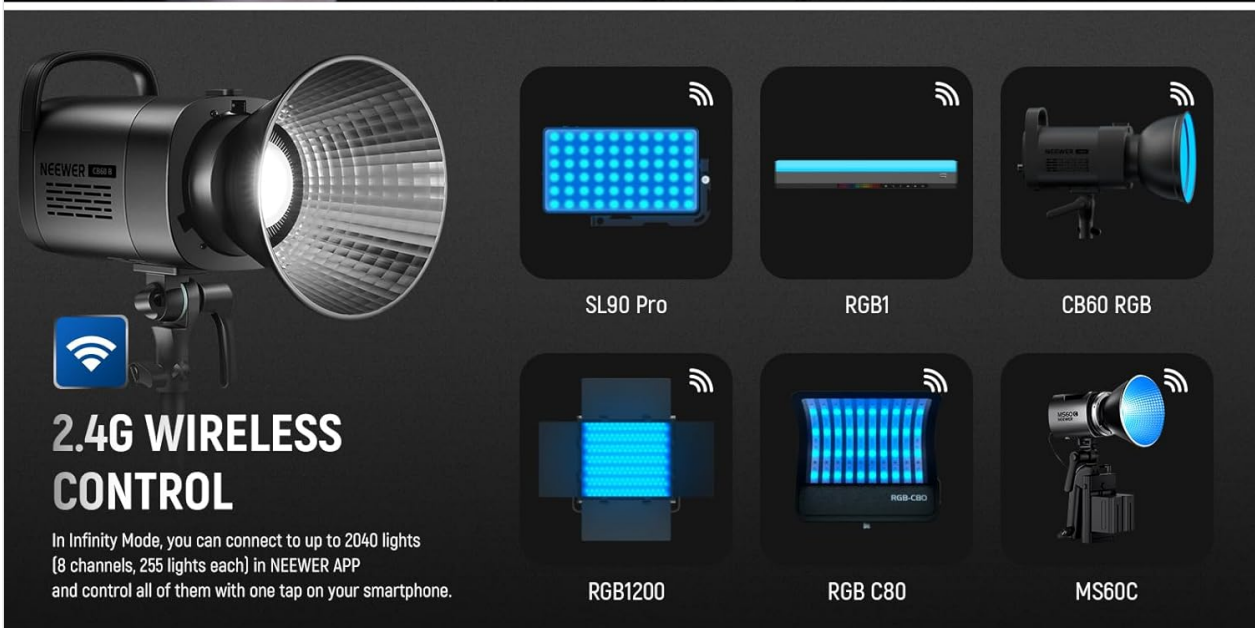


Image: The control panel of the NEEWER CB60B, showing buttons for CCT, FX, and Channel, along with a rotary knob for adjustments. It also illustrates the app and 2.4G wireless control capabilities.

2. App Control (NEEWER App)

For advanced control, download the NEEWER App on your iOS or Android device. The app allows you to dynamically adjust settings, control multiple lights (up to 255 devices with Infinity technology) in up to 8 groups, and operate from up to 66'/20m away via Bluetooth.

3. 2.4G Wireless Control

The built-in 2.4G system allows for remote control of the light without the app. Set the light and a compatible NEEWER 2.4G remote (not included) to the same channel (1-99) to control brightness and CCT from up to 328'/100m.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the light. Avoid abrasive cleaners or solvents.
- **Overheat Protection:** The integrated cooling fan will automatically adjust its speed to prevent overheating. Ensure proper ventilation around the light during operation.
- **Storage:** Store the light in a cool, dry place when not in use. Use the provided carrying case for

protection during transport.



The diagram shows the internal airflow of the NEEWER CB60B LED video light. Blue arrows indicate air entering from the bottom and sides, circulating through the light's body, and exiting through the top. The text 'NEEWER CB60B' is visible on the side of the light. Below the diagram, the text reads: 'ULTRA QUIET FAN & OVERHEAT PROTECTION'.

The built in ultra quiet fan ensures videos are shot without noise distractions and results in the best audio quality possible. The integrated cooling fan will run faster once the light reaches a temperature of 152°F/67°C, avoiding any damage to the internal components and extending the lifespan of the light.

-  Powerful Cooling
-  Quiet Operation
-  Prolonged Lifespan

Image: Diagram showing the airflow path for the ultra-quiet fan and overheat protection system within the NEEWER CB60B LED video light.

TROUBLESHOOTING

- **Light not turning on:** Ensure the power cord is securely connected and the power switch is in the ON position. Check the power outlet.
- **Light not responding to app/remote:** Verify that the light and control device are on the same channel. Ensure Bluetooth is enabled on your device for app control. Check battery levels if using a remote.
- **Overheating warning:** If the light indicates overheating, reduce brightness or turn it off to allow it to cool down. Ensure adequate ventilation.

SPECIFICATIONS

Feature	Specification
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Model Number	CB60B
Output Power	70W
Maximum Illuminance	34000lux@1m
Color Temperature	2700K-6500K
CRI	97+
TLCI	98+
Dimming Range	0-100%
Connectivity Technology	Bluetooth, 2.4G
Mount Type	Bowens Mount
Item Weight	4.62 pounds
Package Dimensions	16.14 x 10.47 x 8.33 inches

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your product or visit the official NEEWER website. Protection plans are available for purchase separately.