

RGB150 Metal LED Video Light Instruction Manual

Important notes

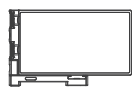
- In order to prevent damage to the battery and a reduction in the service life of the product, please do not use the light whilst connected to a power source. Disconnect the power cable after it has reached a full charge.
- If the product hasn't been used for some time, the product should be fully charged prior to use. The product may not turn on without a charge.
- Please ensure it is charged every 3 months to preserve battery life.
- This product features an integrated rechargeable lithium battery. As with all batteries, the service life is limited and the battery performance will decrease with time.
- Please read this manual carefully before using the product and retain for future reference.

Product overview

Thank you for your purchase of the **NEEWER®** RGB150 metal LED video light!

This new generation RGB light features an all aluminium body which is compact and easy to use. With a spectrum of 360 colours and 100 levels of saturation, it also incorporates bi-color temperature LED beads. These premium quality, high lumen, high index light beads achieve a softer, more evenly distributed light. The light also offers the user 12 of the most popular lighting effect modes making it the ideal light source on the go thanks to the integrated high capacity lithium battery. It is also equipped with a cold-shoe bracket for multi-directional and multi-angle assembly. Choose this light for live broadcasting, videos, interviews, portrait photography, weddings, macro and creative shoots. although it will adapt well to any environment. A truly versatile and multi-purpose light.

Package Contents



LED video light×1



Type-C charging cable×1



Adapter×1



Cold shoe base×1

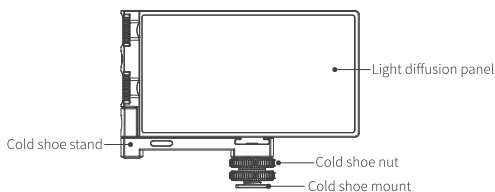


Storage pouch×1



Manual×1

Product Illustration



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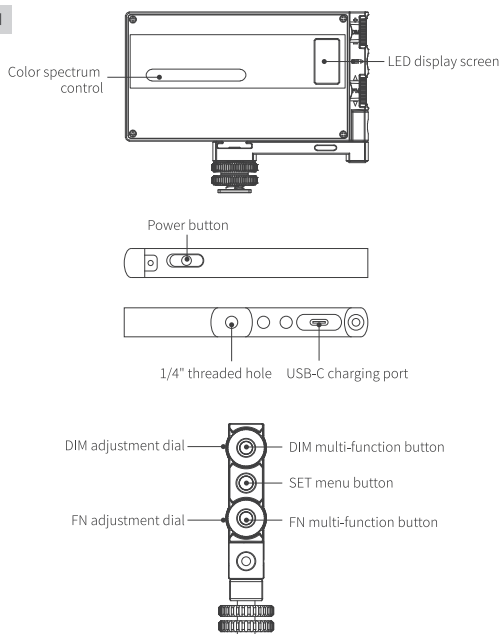
English	01
Français	06
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Version Control

Date	Version number	Description	Issued by
09/15/2021	1.0	RGB150 Metal LED Video Light Manual	NEEWER [®]

Product Illustration

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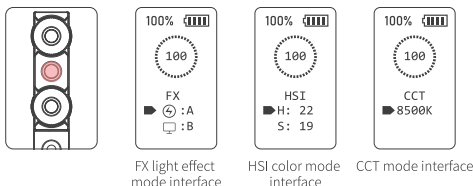
Introduction to main functions

- The light panel is made up of 80 warm and white bicolor SMD light beads, and 70 RGB light beads with a total output power of 12W.
- The 7.4V 3200mAh lithium battery can be charged using the USB-C charging port and supports QC3.0 fast charging protocol. The system will automatically select 5V, 9V or 12V for charging when it detects the protocol. With the device turned on, connect the adapter and the battery icon will light up and displays the progress of the charge. With the device turned off, the remaining power icon will pulse to indicate that charging is in progress. This typically takes 2.5 hours with a 5V/2A power source.
- The light features temperature control protection. Should the internal temperature of the light rise to an unsafe operating temperature, the symbol "⚠" will flash on the display screen. Should this arise, the light will automatically reduce power or turn off. When the light cools down to a safe temperature, this protective measure will switch off allowing normal use of the light.
- The light's display screen will automatically display the last used settings when it is turned on again.

Instructions for use

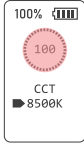
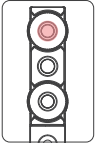
1. SET menu button

There are 3 main menu interfaces (FX/HSI/CCT interface). Press the SET button to toggle between the modes FX/HSI/CCT.

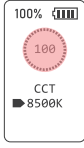
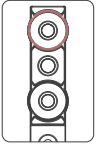


Instructions for use

2. DIM multi-function button / dial



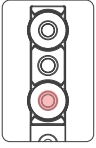
- DIM multi-function button
In any mode, press the DIM button to adjust the brightness in increments of 20% - with a total range of 0 to 100%.



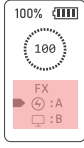
- DIM dial
In any mode, press the DIM button to adjust the brightness in increments of 1%, and the brightness can be adjusted from 0 to 100%.

3. FN multi-function button/dial

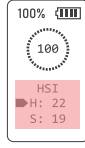
FN multi-function button



In FX and HSI modes, press the FN button to toggle between the functions in each mode.



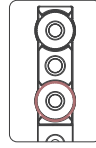
Choose between the following modes: Lightning, scene light effect, RGB color and emergency vehicle.



Hue H, Saturation S can be selected

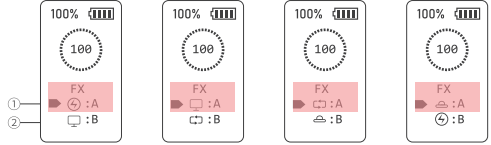
Instructions for use

FN adjustment dial

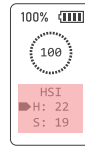


In CCT, FX and HSI modes, turn the FN dial to toggle between the settings in each mode.

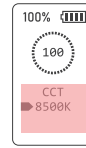
• FX mode



- ① You can choose the A/B/C special effects in the above 4 modes.
- ② The light's display screen will automatically show A/B/C according to the last settings used in ①.



- HSI mode
Hue H: 0-359°, saturation S: 0-100%

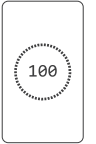


- CCT mode
The color temperature can be adjusted from 2500K-8500K.

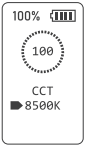
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Instructions for use

7. Display



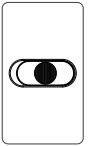
- Brightness adjustment
Turn the DIM dial in any mode to adjust the brightness. The brightness can be adjusted from 0 to 100%.



- Percentage icon
Displays the level in any given mode.



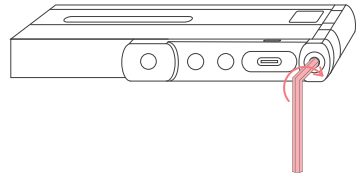
- Battery icon
Each segment of the power bar equates to 25% power. When the last bar is depleted, the low battery warning icon will flash. The light will turn off after approx 5 mins.



- Power button
Turn the lights on or off.

Instructions for use

8. Using the Allen Key



Note: You can use the Allen Key to tighten up the stand should it become loose with use over time. (see image).

Product Specifications

Product name	Metal LED Video Light	Color temperature range	2500K-8500K
Power	12W	LUX	1500LUX(0.5M)
Charging port	USB-C 5V 9V 12V QC3.0 smart charging	Usage time at full power	150 minutes
Battery capacity	7.4V 3200mAh	LED service life	50000 hours
Brightness adjustment range	0-100	Material	Aviation aluminum
RGB color gamut	0~359°full color	Heat dissipation design	Natural heat dissipation (no fan)
Color rendering index	97+	Dimensions	133*83*16mm
TLCI	97+	Weight	450g

* All data given are average values. There may be slight variations in the specifications of different lights.

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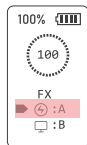
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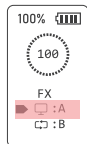
Instructions for use

4. FX light effect mode

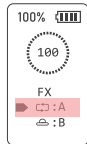
Press the SET menu button to select the FX menu interface



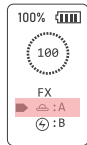
- Press the FN multi-function key and select Lightning mode (as shown in the picture)
- Rotate the FN adjustment dial to choose between A: Lightning 1 B: Lightning 2 C: Paparazzi mode



- Press the FN multi-function button to select the scene light effect mode (as shown in the picture)
- Rotate the FN adjustment dial to choose between A: Candlelight simulation B: Screen simulation C: Breathing effect



- Press the FN multi-function button to select the RGB color mode (as shown in the picture)
- Rotate the FN adjustment dial to select between A: RGB slow B: RGB fast C: RGB strobe

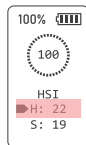


- Press the FN multi-function key to select the emergency vehicle mode (as shown in the picture)
- Toggle the FN adjustment dial, you can choose A: Police car B: Ambulance C: Fire truck

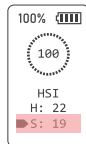
Instructions for use

5. HSI color mode interface

Press the SET menu button to select the HSI menu interface



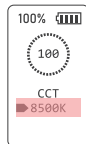
- Press the FN multi-function button to select hue H
- Turn the FN adjustment dial to select a color in the color spectrum from 0 to 359°



- Press the FN multi-function button to select Saturation (S).
- Turn the FN adjustment dial to adjust the saturation of the color from 0 to 100%.

6. CCT mode interface

Press the SET menu button to select the CCT menu interface



- Turn the FN dial to adjust the color temperature from 2500K to 8500K.