Product overview

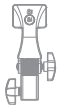
Thank you for purchasing the NEEWER® RGB168 LED video light.

This product features 144 5-in-1 RGBWW lamp beads (0.5W×5), CCT bi-color, HSI, and SCENE special effect modes. The light emits a soft light - ideal for portrait, children and wedding photography; video recording, gaming and more. Connect to the Neewer app using Bluetooth to control the light with your Smartphone.

Package contents



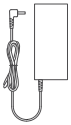
LED video light ×1



Light stand adapter ×1



Power cable ×1

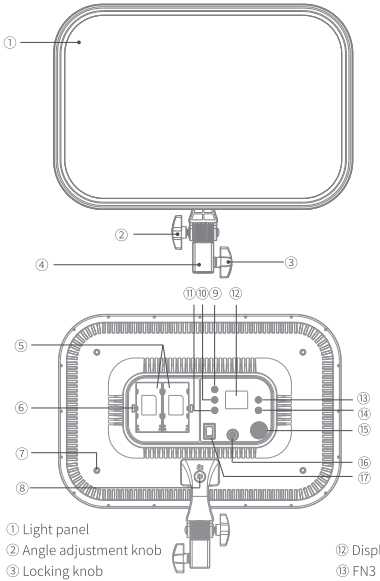


Power adapter ×1



Carrying bag ×1

Product illustration

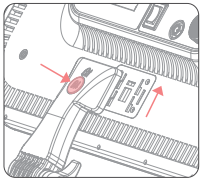


① Light panel
② Angle adjustment knob
③ Locking knob
④ Light stand adapter
⑤ Battery compartment
⑥ Battery release button
⑦ 1/4" locking thread
⑧ Bracket release button
⑨ MODE button
⑩ FN1 button
⑪ FN2 button
⑫ Display screen
⑬ FN3 button
⑭ FN4 button
⑮ SET adjustment knob
⑯ DC power socket
⑰ Power switch

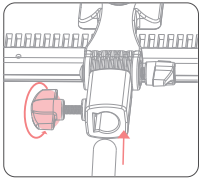
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Installation

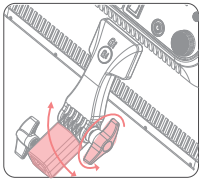
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① Align the top part of the supporting bracket with the slot located on the light. Insert the top piece into the slot and push the adapter upwards in the direction shown in the figure while pressing and holding the adapter release button. Release the button once securely in place.



② Attach the light stand adapter to your stand and turn the locking knob clockwise to lock securely in place.

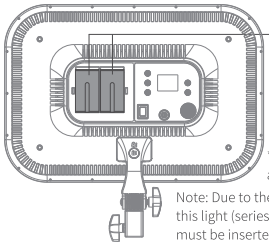


③ Turn the angle adjustment knob anti-clockwise to adjust the angle of the LED light as required. Turn the knob clockwise to secure.

Instructions

1. Powering the light

Source 1: Use any compatible NP-F battery to power the device. Insert the batteries into the battery compartment.

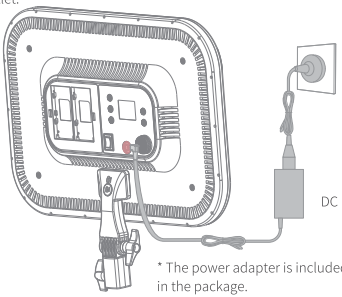


Compatible batteries

* Please note that batteries are not supplied with the product.

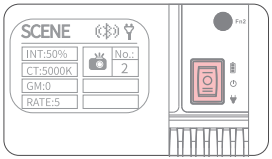
Note: Due to the high power consumption of this light (series circuit design), 2 batteries must be inserted for use.

Source 2: Use a DC 15V 4.8A power adapter—Plug one end of the adapter into the light's DC power input socket and plug the other end into a power outlet.



* The power adapter is included in the package.

2. Basic use of the light



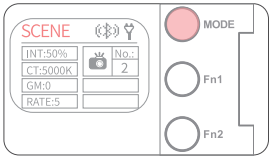
* After the light is turned on, a flashing Bluetooth icon on the display screen means you have not paired your Bluetooth device with the light, or the Bluetooth is disconnected.

● Turning on/off

①When using battery power , move the power switch to the "-" position to turn on the LED light. The display screen will light up and display battery level information.

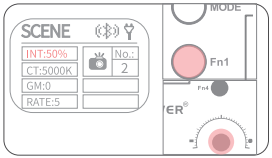
② When using the power adapter,move the switch to the "=" position to turn on the LED light. The display screen will light up.

③Return the power switch to the "O" position to turn off the LED light.



● Mode selection

Short-press the "MODE" button to switch between the SCENE, CCT, and HSI modes.

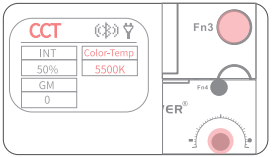


● Brightness adjustment

In any mode, short-press the Fn1 button and turn the "SET" adjustment knob to adjust the brightness.

Instructions

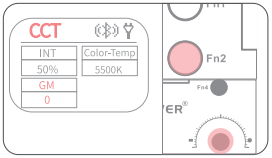
CCT mode settings



● Color temperature adjustment

Short-press the "MODE" button to switch to the CCT mode. Short-press the "Fn3" button and turn the "SET" adjustment knob to adjust the color temperature.

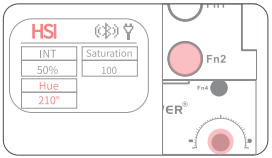
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● Hue compensation adjustment

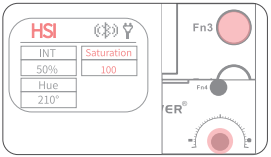
Short-press the "MODE" button to switch to CCT mode. Short-press the "Fn2" button and turn the "SET" adjustment knob to adjust the hue compensation.

HSI mode settings



● Hue adjustment

Short-press the "MODE" button to switch to the HSI mode. Short-press the "Fn2" button and turn the "SET" adjustment knob to adjust the hue.

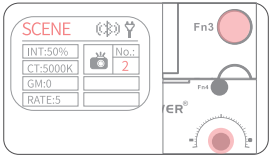


● Saturation adjustment

Short press the "Mode" button to enter HSI mode. Short press the "Fn3" button and turn the "SET" button to set the saturation.

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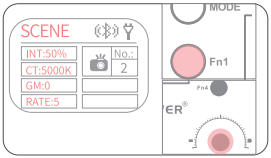
SCENE mode settings



● Scenes

① Short-press the "MODE" button to switch to the SCENE mode.

② Short-press the "Fn3" button and turn the "SET" knob to select different scenes.



③ Short-press the "Fn1" button to select the color temperature, brightness, frequency and other settings in a specific scene mode, and turn the "SET" knob to adjust.

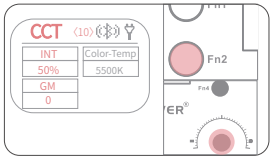
Instructions

Scene modes

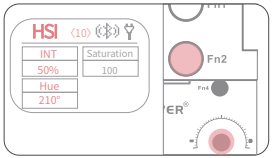


Note: For a better user experience and a more efficient operation, the adjustment of settings like brightness, GM, saturation, and hue (which have a wide adjustment range) is configured to allow you to switch between smaller adjustable increments <1> and larger adjustable increments <10>. (After selecting the value of the settings, press the "SET" adjustment knob and you can switch between these two increment ratios).

Instructions

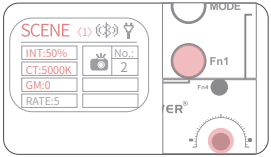


For example: In CCT mode, short-press the "Fn1" or "Fn2" button to select the corresponding brightness or GM value and the screen will display the adjustable increment as<1>. Press the "SET" adjustment knob and the increment <10> will be displayed on the screen. At this point, turn the "SET" adjustment knob to increase/decrease the value of the settings in increments of 10. (Use these same instructions to change the adjustable increment from 10 to 1).



In HSI mode, short-press the "Fn1", "Fn2" or "FN3" button to select the corresponding brightness, hue or saturation value and the screen will display the adjustable increment as <1>. Press the "SET" adjustment knob and the adjustable incremental value will change to <10> on the screen. Turn the "SET" adjustment knob to increase/decrease the value of the settings in increments of 10. (Use these same instructions to change the adjustable increment ratio from 10 to 1).

Instructions

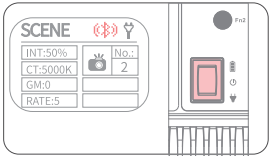


After switching to SCENE mode, short-press the "Fn1" or "Fn2" button to select the corresponding brightness or GM value and the screen will display the adjustable increment as <1>. Press the "SET" adjustment knob for the adjustable increments to display as <10> on the screen. At this point,turn the "SET" adjustment knob to increase/decrease the value of the settings in increments of 10. (Use these same instructions to change the adjustable increment value from 10 to 1).

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Note: The incremental settings <1> or <10> will be saved in the specific mode you set . This settings will not be transferred when switching to a different mode.

3. App Control



By connecting to your mobile phone via Bluetooth, the "NEEWER" app can be used to control the LED light. To access more detailed instructions, please scan the QR code on the app prompt card ("App guide page").

※ "" When the Bluetooth icon stops flashing, it means your Bluetooth device has connected successfully.

Instructions



Note:
Select "Bluetooth" as the device connection method.

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Safety Notes

1. Please do not drop the product or expose it to any form of physical impact.
2. When in use, do not look directly at the light to prevent damage to your eyesight.
3. Do not place the product near flammable or explosive materials.
4. Do not use the product in the rain or in a humid environment.
5. When not in use, turn off the power and remove the batteries.

Technical Specifications

Model	RGB168
Number of LEDs	144 RGBWW LEDs
DC Input	DC 15V 4.8A
Maximum Power	60W
Maximum Illuminance	(5600K) 5000lux@0.5m,1500Lux@1m
CRI	97+
TLCI	97+
Dimming Range	0 ~ 100
Color Temperature	2500 ~ 8500K
Hue Angle	0 ~ 360°
Saturation Range	0 ~ 100%
Power Supply	2 Sony NP-F batteries (battery power)
	DC 15V 4.8A (power adapter)
Ambient Relative Humidity for Storage	20%~ 80%
Storage Temperature	-10~ 50°C
Operating temperature	0~ 35°C