FCC Statement:
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between theequipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

IC warning statements:
- English:
This device complies with Industry Canada licence-exempt RSS standard(s).
Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

- French:
Le présentappareilestconforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitationestautorisée aux deux conditions suivantes:
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareildoit accepter tout brouillageradioélectriquesubi, mêmesi le brouillageest susceptible d'encompromettre le fonctionnement.

Official Home Page
The actual product may differ from the picture in this manual in color and appearance.
www.neewer.com

Smart Metal LED Light
Instruction Manual

NEEWER®

About This Manual

Thank you for purchasing **NEEWER**® RGB660 Metal LED Light.

The manual will cover the following:

- the basic operation procedures and functions of the light.
- the application environment and safety use of the light.
- the installation of the accessories of the light.

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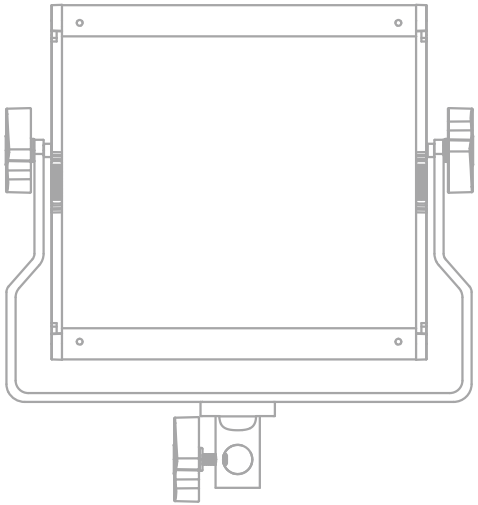
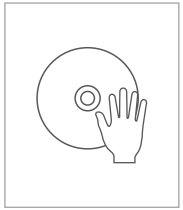
1.Package Contents



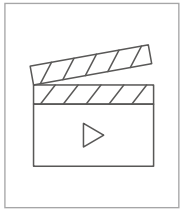
Upon receiving the package, please check whether all the items are included.
If there is any missing or broken items, please contact Neewer Customer Service (support@neewer.com).

2.Applications

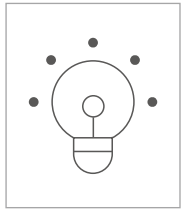


Party Lighting

Portrait Photography



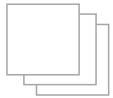
Video & Film Production



More Creative
Photography Applications

App Control

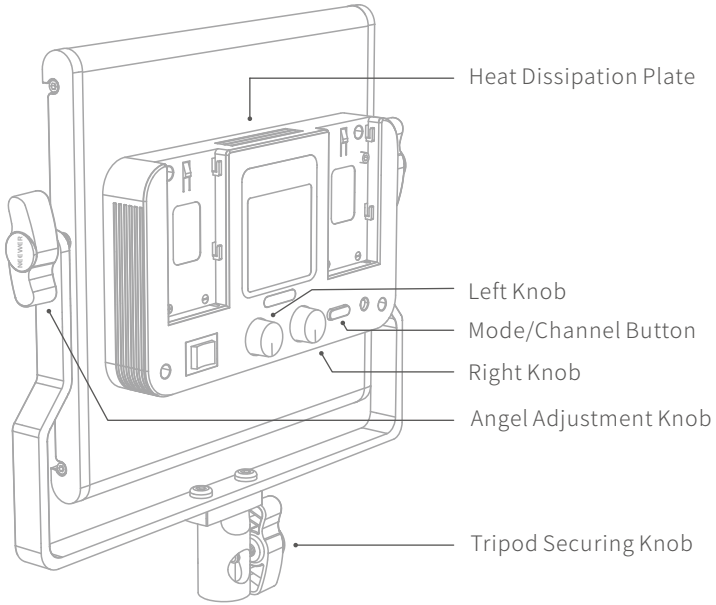
RGB Full Color Output



Multiple Control

Bi-color with Cool
and Warm Light

3.Functions



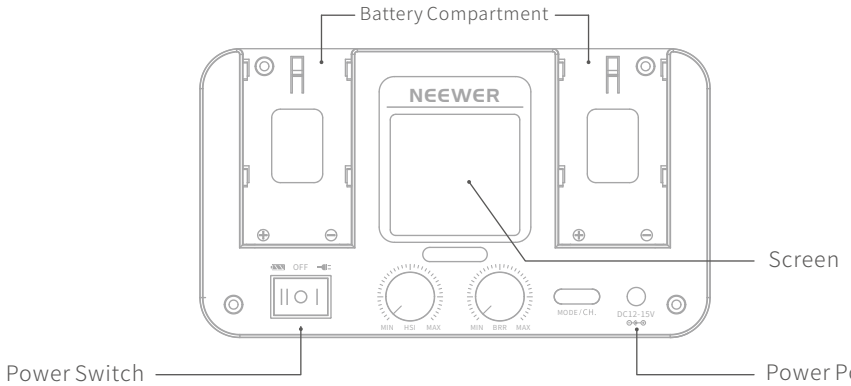
Mode/Channel Button

Quickly press the Mode/Channel Button to switch from CCT, HIS, to Scene mode. Long Press the Mode/Channel button for three seconds in order to enter the Channel Settings. Once in Channel Settings, turn the Left or Right knob to change the channel.

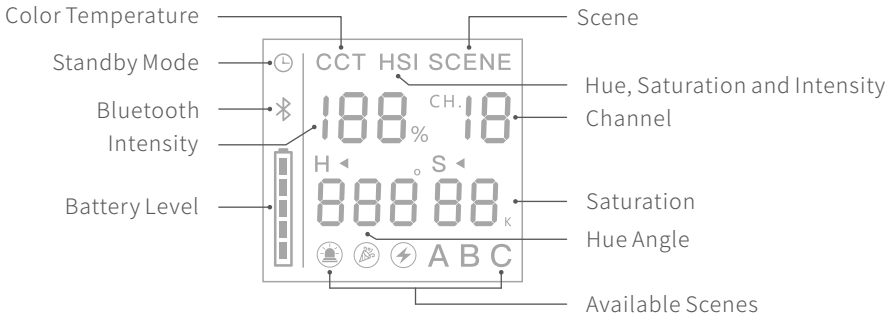
Left Knob

Quickly press the Left Knob to switch scenes, then rotate the knob to adjust parameters.

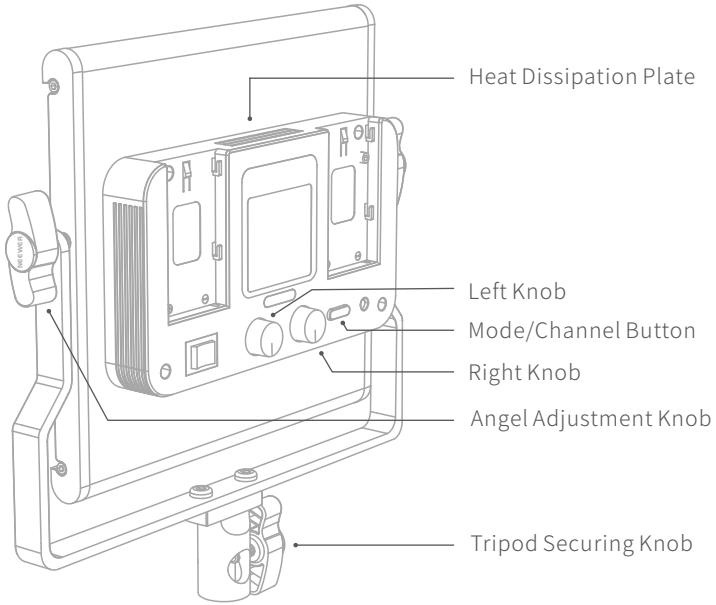
Control Panel



Display



3.Functions



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Left Knob

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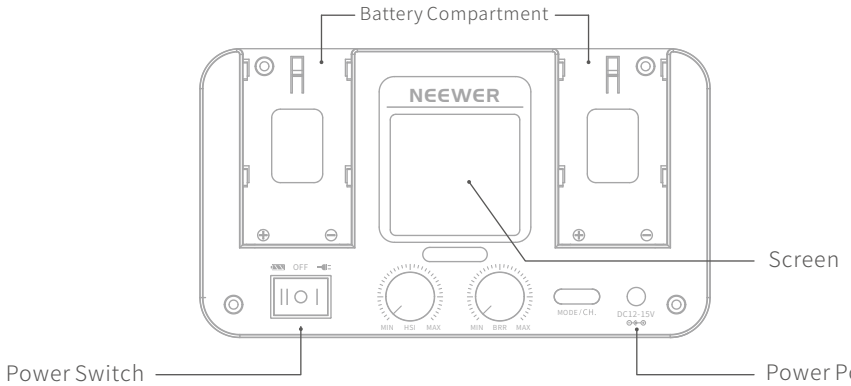
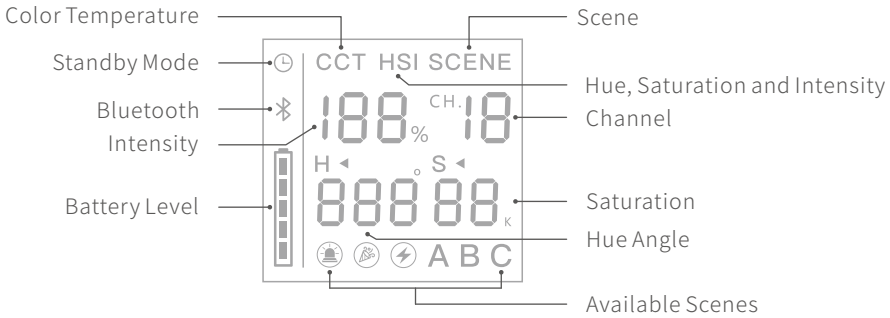
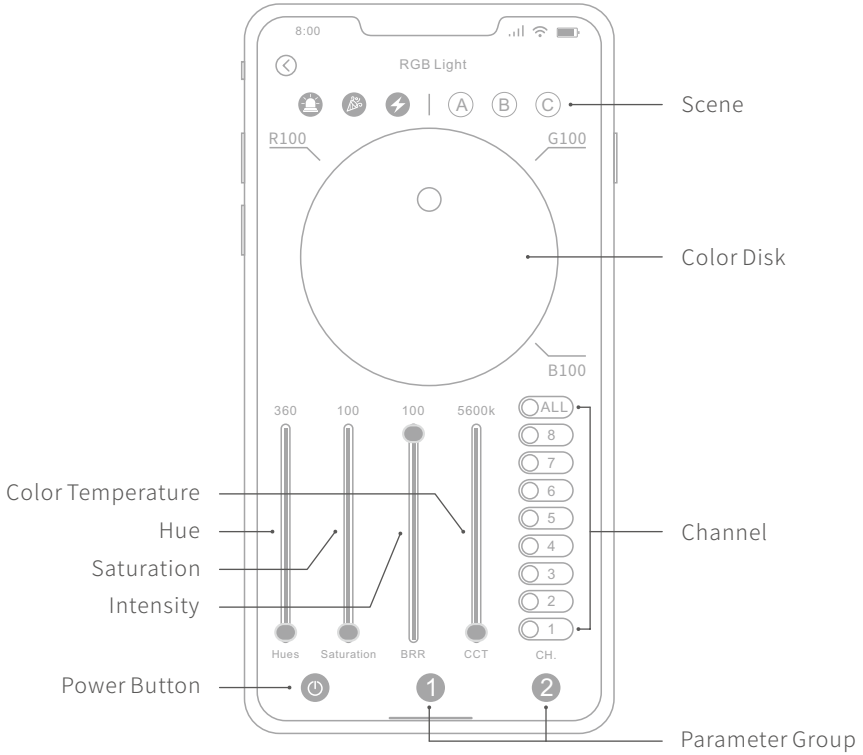
Control Panel



Display

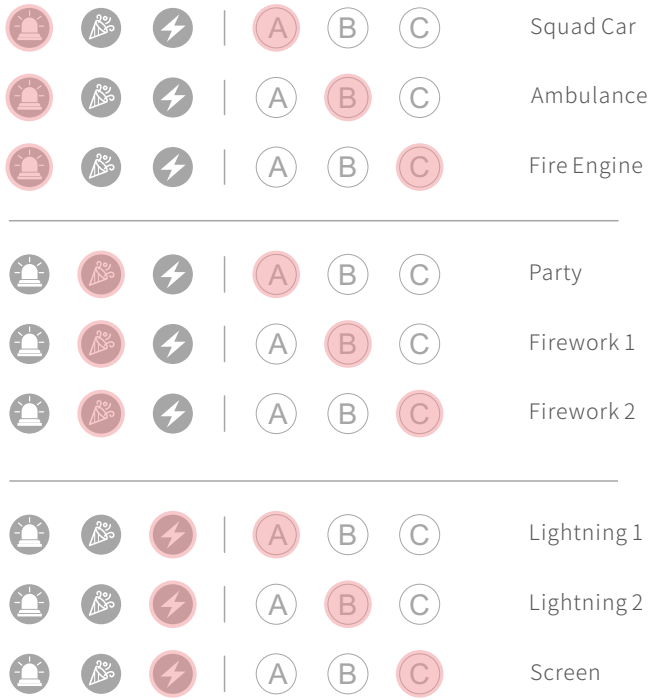


NEEWER App Guide



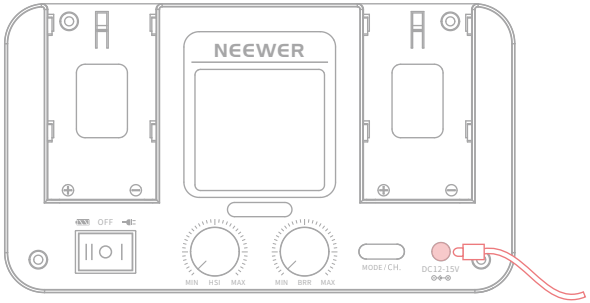
The App can save two groups of default settings. You can choose different group to automatically restore the LED light to the corresponding settings saved under the group.

Available Scenes are as follows:

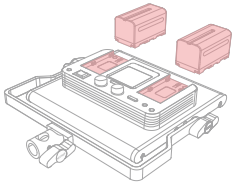


4.Power Supply

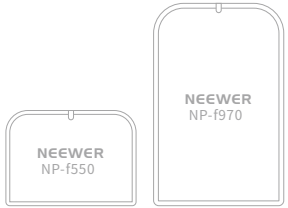
Via DC adapter



Via batteries



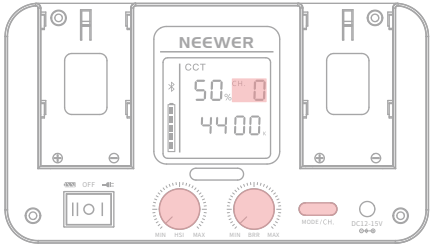
Battery Compartment Position



Compatible Batteries

5.Modes

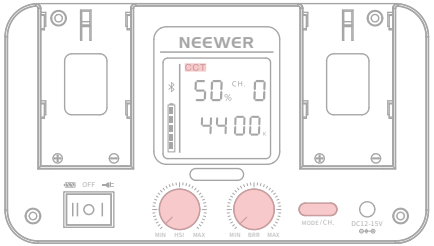
Channel



Power on the light, then long press the “MODE/CH.” button for three seconds until the symbol “CH.0” shows flickering on the display. Next, turn the Left or Right Knob to switch channels between 0 and 8.

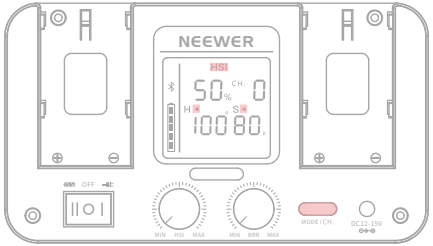
Note: Channel number “0” on the light serves as backup channel and will only work when the "ALL" button is clicked in the App.

Color Temperature



Quick press the “MODE/CH.” button until the symbol “CCT” shows on the display. Next, you can rotate the Left Knob to change color temperature from 3200K to 5600K. Turn the Right Knob to adjust light intensity from 0% to 100%.

Hue

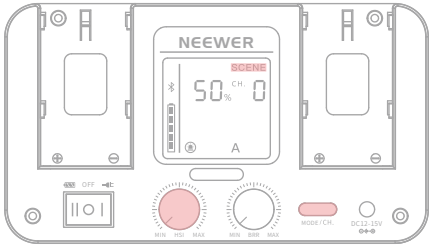


Quick press the “MODE/CH.” button until the symbol “HST” shows on the display. Next, rotate the Left Knob to adjust the hue angle of the light(0°~360°).

Under the HST mode, quick press the Left Knob to switch between the hue and saturation settings. The hue and saturation level can be adjusted by long pressing the Knob.

The saturation value ranges from 0 to 100 (100 for A0).

Scene



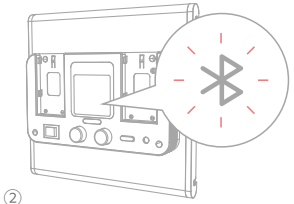
Quick press the “MODE/CH.” button until the word “SCENE” appears on the display. Next, you can press or rotate Left Knob to switch scenes. Turn the Right Knob to adjust light intensity from 0% to 100%.

6.Quick-start Guidance

Android IOS

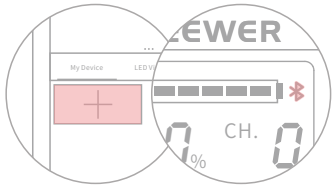
Please scan the QR code on the left to download and install the NEEWER app on your smart phone with Android or iOS system.

①
Download and install the Neewer App on your phone. Then register and/or log in.



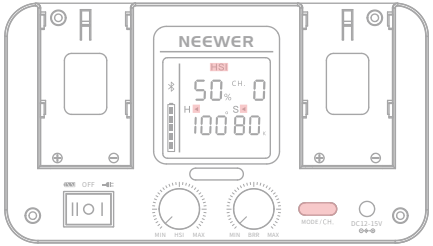
②
Turn on the light and wait until the Bluetooth symbol " ✱ " appears on the screen.

③
Click the "+" symbol on the App to connect your device. When the device is connected, the Bluetooth icon " ✱ " will constantly light up, which suggests that the ring light can be controlled on the app.



⚠ If the Bluetooth connection fails, the Bluetooth icon will constantly blink to suggest the need to recheck if the device is on.

Hue

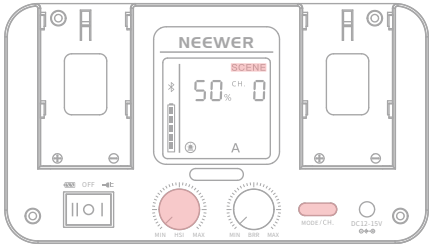


Quick press the “MODE/CH.” button until the symbol “HST” shows on the display. Next, rotate the Left Knob to adjust the hue angle of the light(0°~360°).

Under the HST mode, quick press the Left Knob to switch between the hue and saturation settings. The hue and saturation level can be adjusted by long pressing the Knob.

The saturation value ranges from 0 to 100 (100 for A0).

Scene



Quick press the “MODE/CH.” button until the word “SCENE” appears on the display. Next, you can press or rotate Left Knob to switch scenes. Turn the Right Knob to adjust light intensity from 0% to 100%.

6.Quick-start Guidance

Android IOS

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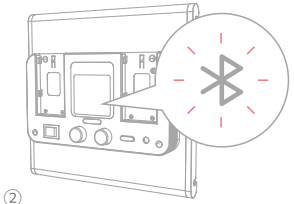

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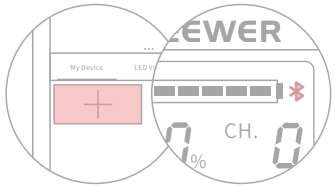
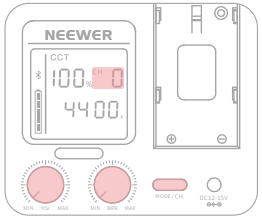


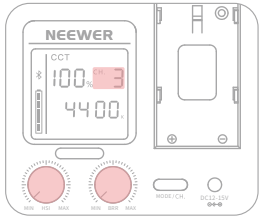
⚠ If the Bluetooth connection fails, the Bluetooth icon will constantly blink to suggest the need to recheck if the device is on.

7.Control the LED Light via the App

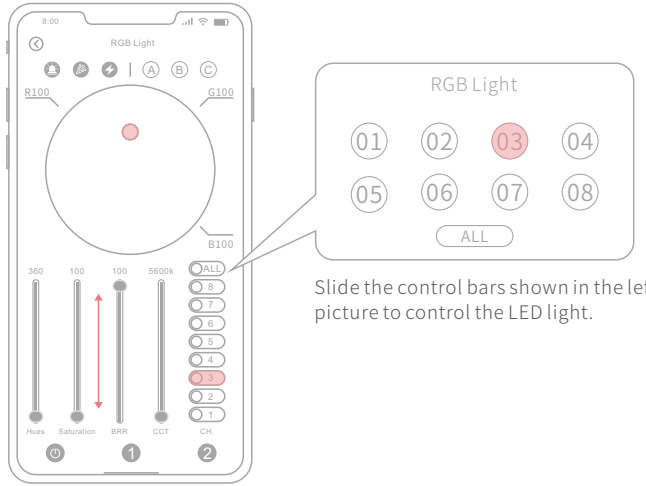
Demo: control a single LED light



Power on the light, then press the “MODE/CH.” button for 2 seconds until the symbol “CH.0” shows flickering on the display.

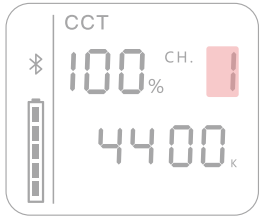


When “CH.0” symbol shows flickering, turn the Left or Right knob on the light to switch channels from 0 to 8 (demo: Channel 3).

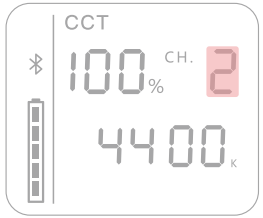


Slide the control bars shown in the left picture to control the LED light.

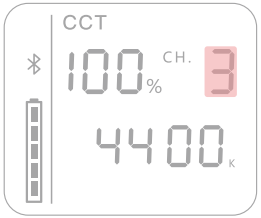
Demo: control multiple LED lights respectively



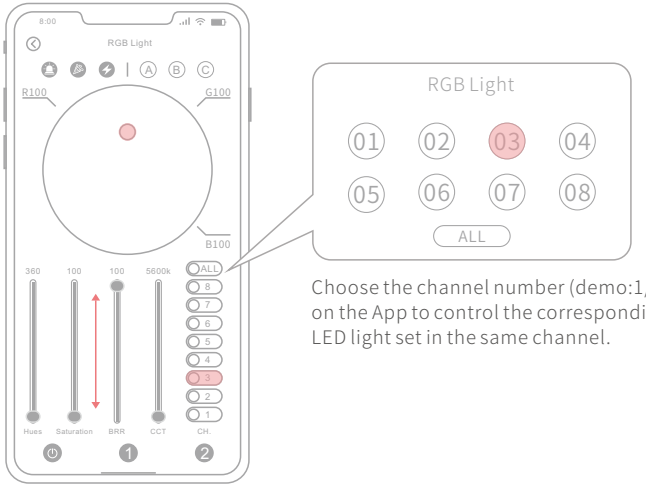
Set the channel of LED light A as any number from 1 to 8 (demo: "1").



Set the channel of LED light B as any number from 1 to 8 (demo: "2").

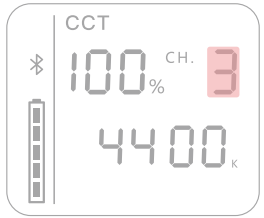


Set the channel of LED light C as any number from 1 to 8 (demo: "3").

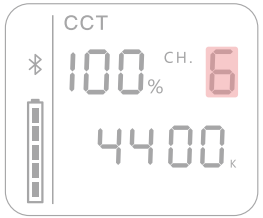


Choose the channel number (demo:1/2/3) on the App to control the corresponding LED light set in the same channel.

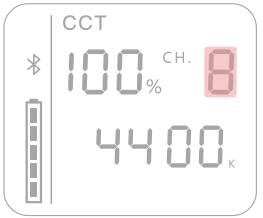
Demo: control multiple LED lights altogether



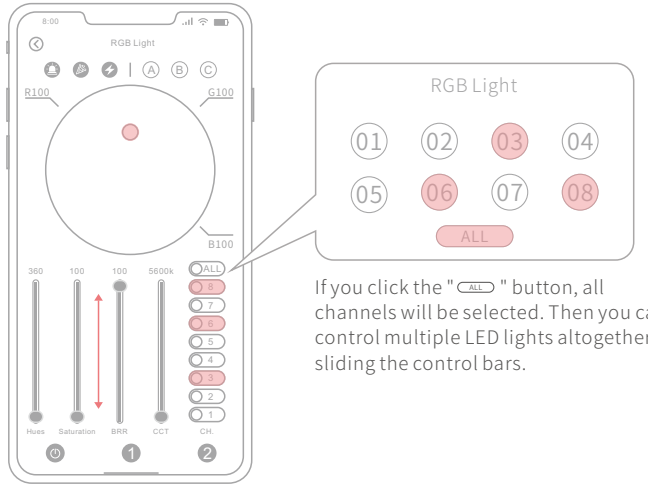
Set the channel of LED light A as any number from 1 to 8 (demo: "3").



Set the channel of LED light B as any number from 1 to 8 (demo: "6").



Set the channel of LED light C as any number from 1 to 8 (demo: "8").

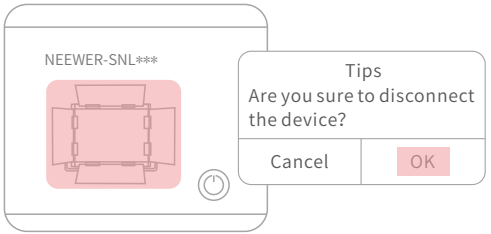


If you click the " ALL " button, all channels will be selected. Then you can control multiple LED lights altogether by sliding the control bars.

8.Delete or Disconnect a Device

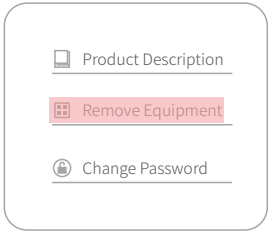
Disconnect a device

Enter the "NEEWER" App.

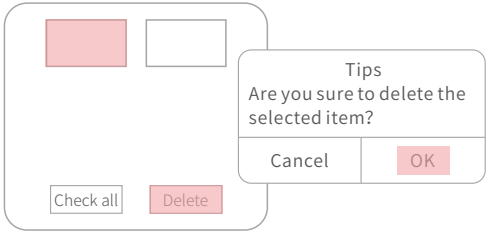


Press the light icon for one second until the confirmation window pops up. Click the "OK" button to disconnect the device.

Delete a device



Enter the "Personal Center" and click "Delete Device".

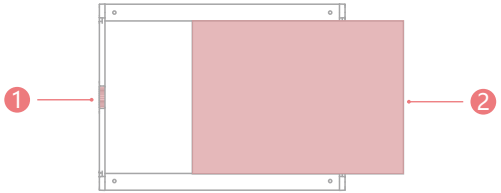


Select the device to be deleted and click "Delete".

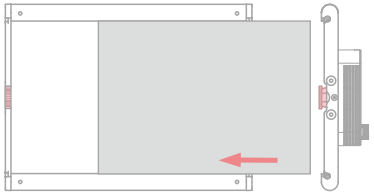
9.Installation Procedures

Install the diffuser

Please refer to the diagram to locate the following filter parts:

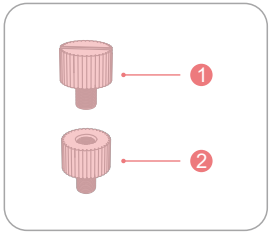


1 Diffuser Clasp
2 Diffuser

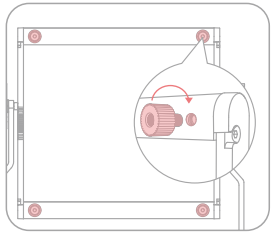


With the light facing toward you, insert the 2 diffuser into light body from its right side until it reaches the metal slot on the left. Then, pull up the 1 diffuser clasps on both sides to hold it in place.

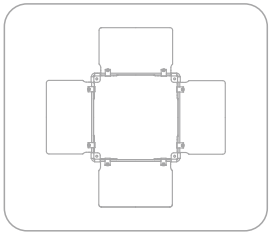
Install the barndoor



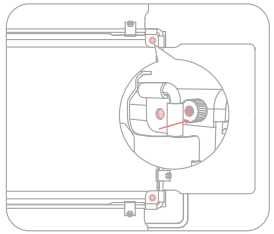
1 Screw
2 Screw Nut



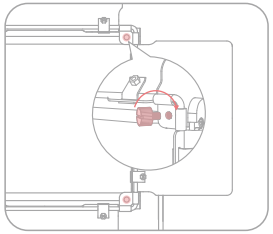
Place the four 2 screw nuts into the screw holes of the light body and turn them clockwise one by one until they are tight.



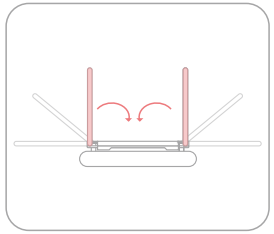
Unfold the barndoor.



Put the barndoor on top of the light and make sure the screw holes at its four corners are aligned to the 2 screw nuts.

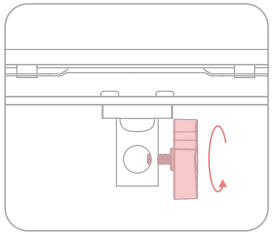


Insert the four 2 screws into the 1 screw nuts and twist clockwise to tighten them one by one.

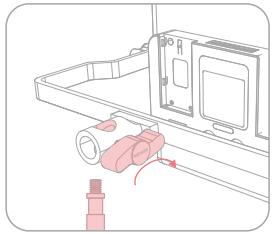


Close up the barndoors on the four sides.

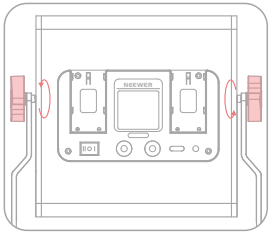
Connect the light to a stand and adjust the barndoor



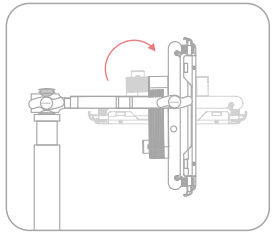
Turn the securing knob of the stand counterclockwise until it is loosened.



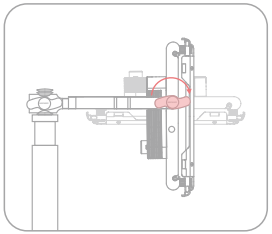
Insert the stand into the connector of the light and turn the securing knob clockwise until it is tight.



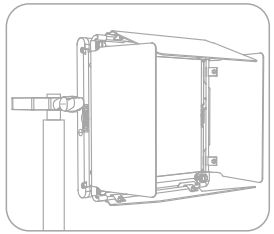
Turn the securing knob on the both sides of the light until the light body is loosened.



Adjust the light body to your desired position.



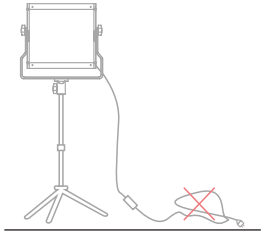
Tighten the two-side knobs by twisting them clockwise.



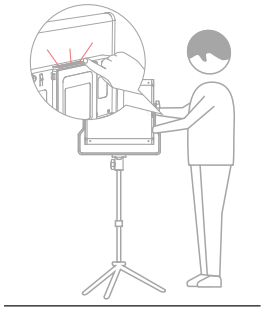
Pull up the barndoors on the four sides to fit different lighting angles or block lights.

10.Safety Notes

⚠ Please do not use the light in the rain or in a humid environment.



⚠ Please put the cables away in case of tripping hazard.



⚠ When in use, please do not touch the Heat Dissipation Plate in case of burn injury.

⚠ Please do not use chemicals or liquids to clean the LED light.

11.Caution

- Please do not stare at the light directly while it is in use, or there might be risk of visual impairment.
- Please do not cover the heat dissipation holes on the product with cloth or other items, or there might be risk of product damage.
- Please do not touch the light with wet hands in case of safety hazard.
- Please do not dismantle or modify the circuit of the item (unless professionally certified).
- Please do not expose the item to the sun for a long time.
- Please turn off the product when it's not in use.
- Failure to comply with the operation procedures and warnings listed in this manual will void the warranty.

12.Product Parameters

Model	RGB660
LED quantity	660PCS
Bluetooth range	>15M
CRI	95
Color	RGB+Cold/Warm Color
Color Temperature Lumen (Diffuser included)	0.5M 4800LUX 1M 1500LUX
Color Temperature	3200-5600K(±100)
Input Voltage	IN DC12-15V
Power	40W
Size	232*200*50mm

13.Warranty Policy

Warranty Period

You can register your NEEWER® product for its free 1-year warranty at www.neewer.com.Thanks!
Your questions or suggestion are highly valued and appreciated. Please feel free to contact us, and we will do our best to fully satisfy you.E-MAIL:support@neewer.com

Reminder: Please keep the package box for at least 15 days because it is necessary to use the package box to protect the product during transportation.

Warranty Restrictions

The following conditions are NOT covered by the NEEWER® Warranty:

(1)The product has expired the one-year warranty period;
(2)The product is malfunctioned or damaged because the user did not follow the Smart Metal LED Light to use, adjust, or operate the product;
(3)The product is malfunctioned or damaged due to rain, hailstorm, fumigation, medicine, chemicals or natural wastage; and due to force majeure (include but not limited to earthquake, Typhoon, fire, flood, violent crime);
(4)The user modify, dismantle, repair the product and its parts without permission;
(5)The user damaged the parts of Smart Metal LED Light by using non-original accessories, or changed the circuit, line configuration without permission;
(6)The product is malfunctioned or damaged by collision or fall-off due to the user;
(7)Warranty Card, After-sale Service Card, invoice or item No does not conform to the product;
(8)An user changes the warranty service date of the product and its parts without permission;
(9)The panel and main parts are beyond maintenance range; The security label on the product is missing or damaged;
(10)The Smart Metal LED Light is used as a commercial product;

14.Trademark and Statement

NEEWER® is a registered trademark of **NEEWER®** Technology Company, Ltd, which is protected by law. **NEEWER®** company reserves all rights for this trademark.

NEEWER® has continuously devoted itself to developing and improving photography and music products. We hold it our mission to pursue excellence and improve customer experience.

15.Contact Us

Please feel free to contact us if you have any problem or advice about the product. Your feedback will be highly valued and our team is sincerely at your service.

Email Address: support@neewer.com (multilanguage service: English, Chinese, German, Spanish, Italian and French)

After-sale Service: Enter the NEEWER App → Personal Center → Suggestion → Complaint Details (Fill in the product model, purchase date, Amazon order number and your feedback) → Submit.

Contact Us: 00 1 732-623-9777