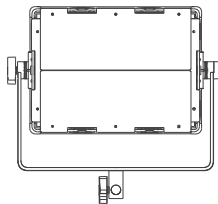


## Product Features

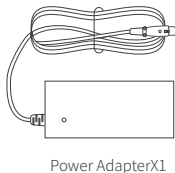
Thanks for purchasing this **NEEWER**® product.

PL60C is a powerful 60W full-color RGBCW LED video panel light, designed to deliver high illuminance and a wide color temperature range. With features like master/slave mode and app control, this light offers versatile control options. You can easily manage it through the app, onboard buttons, 2.4G remote, or DMX consoles. These multiple control methods cater to both professional users and amateurs, ensuring everyone can make the most of this exceptional lighting experience.

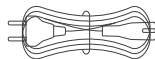
## Package Contents



PL60C RGB Video Light X1



Power AdapterX1



AC Power Cable X1



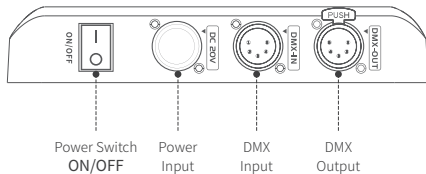
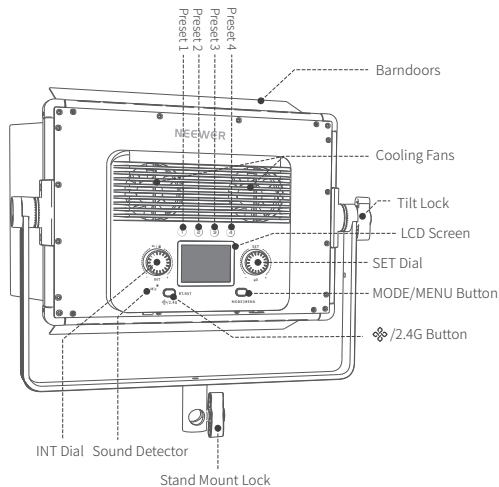
Carrying Bag X1



User Manual X1

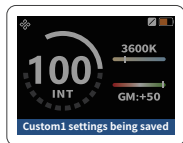
## Product Overview

EN



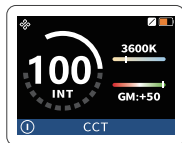
- Preset 1, Preset 2, Preset 3, Preset 4

Long press in the current mode:



Saves the current custom settings

Short press:

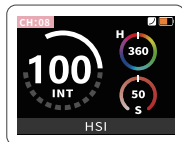


Instantly reads the saved custom settings

- /2.4G Button

—2.4G Connection—

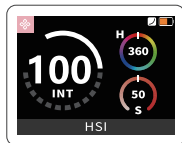
Short press the /2.4G Button until the screen displays "CH: XX", which indicates a 2.4G connection. Long press /2.4G Button to start 2.4G channel adjustment. Use the SET Dial to change the channel values.



※ In 2.4G mode, when multiple lights are set on the same channel, i.e. CH:08, adjusting one light will apply the same settings to the others.

—Infinity Connection—

Short press the /2.4G Button until the screen displays , which relates to the Infinity connection. To control with a smartphone, the smartphone needs to connect to the light via the NEEWER APP. For detailed information, please scan the QR code on the "APP Introduction" page of the APP prompt card.



※ Please reset the Infinity mode before connecting via the APP. To reset, long press the /2.4G Button or select INFINITY RESET in the menu.

- INT Dial

Short press in the menu: Exit menu

Long press: ON/OFF

Turn dial: Adjusts brightness. Turn clockwise to increase, turn counterclockwise to decrease

- SET Dial

Short press:

Toggles between menu options or confirms selections in the **MENU**

Long Press:

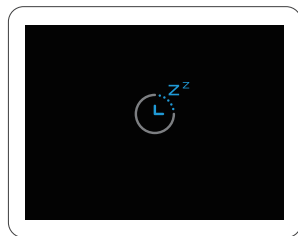
Adjusts settings values of the sub-menu or scrolls the **MENU** up and down

- MODE/MENU Button

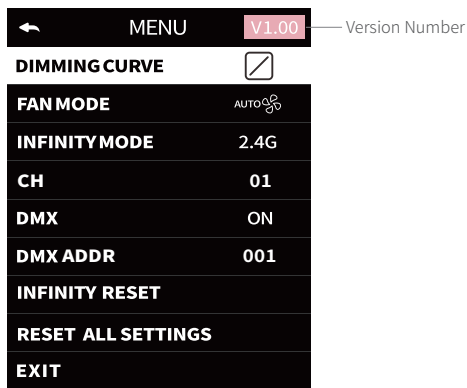
Long Press: Enters MENU

Short Press: Toggles between following modes

CCT/HSI/RGBCW/GEL/FX/XY



Tap icon in the APP to power the light off and set to standby mode.

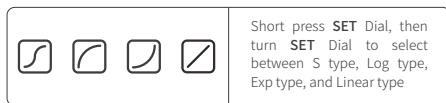


### 3 ways to exit the MENU:

1. Short press INT Dial
2. Short press **MODE/MENU** Button
3. Select **EXIT** and short press **SET** Dial

### ● Introduction to MENU screen icons

#### ① DIMMING CURVE



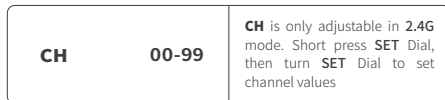
#### ② FAN MODE



#### ③ INFINITY MODE



#### ④ CH Channels (2.4G Mode)



#### ⑤ DMX ON/OFF



⑥ DMX ADDR DMX Channel (**DMX ON**)

|                         |                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>DMX ADDR 001-512</b> | Only adjustable when <b>DMX</b> is set as <b>ON</b> . Short press <b>SET</b> Dial, then turn <b>SET</b> Dial to set channel values |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------|

## ⑦ INFINITY RESET

|                                 |                                                                             |
|---------------------------------|-----------------------------------------------------------------------------|
| <b>INFINITY RESET</b><br>YES NO | Short press <b>SET</b> Dial, then turn <b>SET</b> Dial to select "YES"/"NO" |
|---------------------------------|-----------------------------------------------------------------------------|

## ⑧ RESET ALL SETTINGS

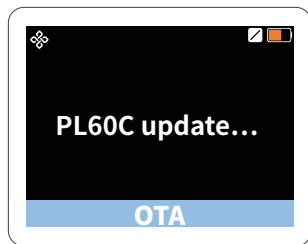
|                                     |                                                                             |
|-------------------------------------|-----------------------------------------------------------------------------|
| <b>RESET ALL SETTINGS</b><br>YES NO | Short press <b>SET</b> Dial, then turn <b>SET</b> Dial to select "YES"/"NO" |
|-------------------------------------|-----------------------------------------------------------------------------|

## ⑨ EXIT

|             |                                              |
|-------------|----------------------------------------------|
| <b>EXIT</b> | Short press <b>SET</b> Dial to exit the menu |
|-------------|----------------------------------------------|

## ● Updating your device to the latest version

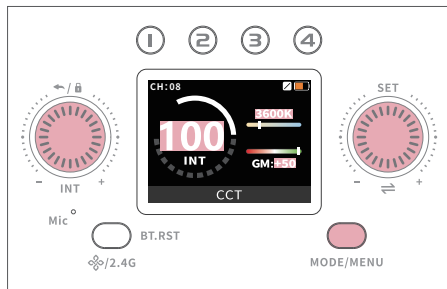
1. Set the light to ❖ Infinity Mode and reset this mode
2. Activate Bluetooth on your smartphone
3. Open NEEWER APP→Add Devices→Settings ⚙️ →  
Version→Firmware Update



Version updating...

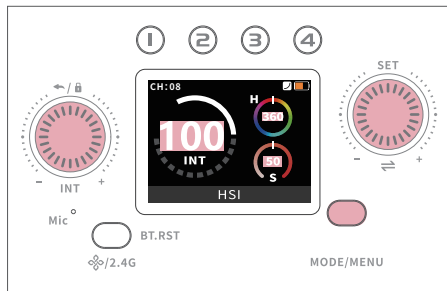
※ Updating is not necessary if the version installed is already up to date.

## CCT



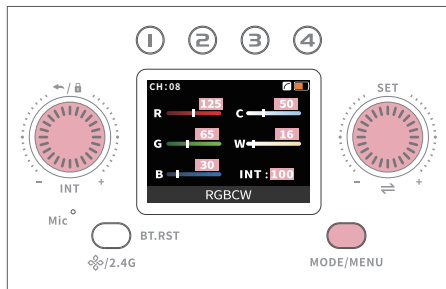
Short press **MODE/MENU** Button until "CCT" appears on the screen. Short press **SET** Dial to switch between settings, turn it to adjust color temperature (2500K-10000K)/GM correction values (-50~+50). Turn the **INT** Dial to adjust brightness (0~100%).

## HSI



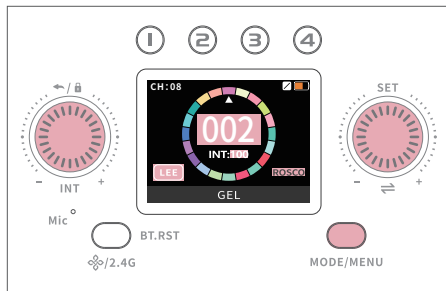
Short press **MODE/MENU** Button until "HSI" appears on the screen. Short press **SET** Dial to switch between settings, turn it to adjust hues (0~360°)/saturation (0~100%). Turn **INT** Dial to adjust brightness (0~100%).

## RGBCW



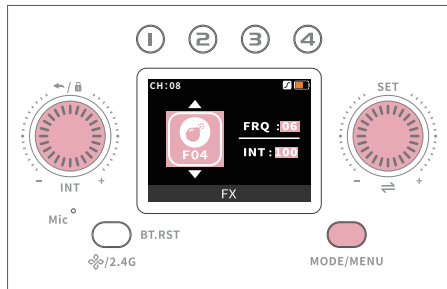
Short press **MODE/MENU** Button until "RGBCW" appears on the screen. Short press **SET** Dial to switch between settings, turn it to adjust R/G/B/C/W (0~255). Turn **INT** Dial to adjust brightness (0~100%).

## GEL



Short press **MODE/MENU** Button until "GEL" appears on the screen. Short press **SET** Dial to switch between settings, turn it to adjust **LEE** (20 built-in gels) and **ROSCO** (20 built-in gels). Turn **INT** Dial to adjust brightness (0~100%).

## FX

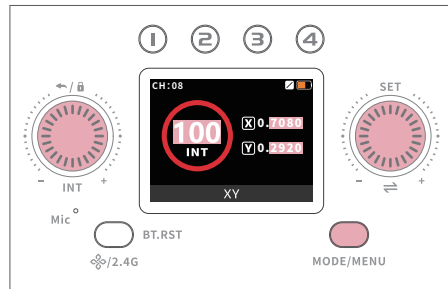


Short press **MODE/MENU** Button until "FX" appears on the screen. Short press **SET** Dial to switch between settings, turn it to select different lighting scenes and lighting effect speed. Turn **INT** Dial to adjust brightness (0~100%).

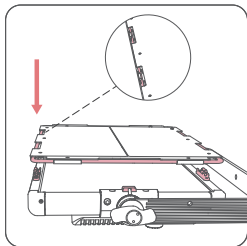
## Scene modes



## XY

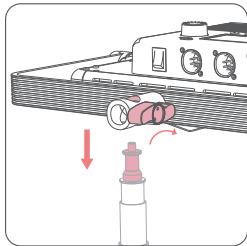


Short press **MODE/MENU** Button until "XY" appears on the screen. Short press **SET** Dial to switch between settings, turn quickly to adjust X/Y values (0.0000~0.8000). Turn **INT** Dial to adjust brightness (0~100%).



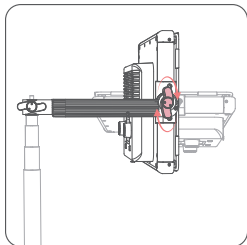
## ① Install barndoors

Place barndoors on the light fixture as shown in the image so it aligns with the designated slots. Press down firmly to lock the barndoors into position.



## ② Install light stand

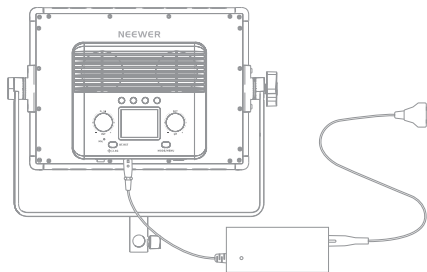
Secure the U-shaped bracket on the top of the light stand and lock it with the stand mount lock. Some of our supports can be used in vertical and horizontal positions via the corresponding holes.



## ③ Adjust the angle of the light and secure the U-shaped bracket by turning the screw knob clockwise.

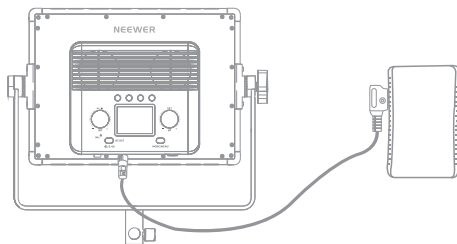
※ Light stand is used purely for illustration and is sold separately.

Method 1: Power the light using the supplied power adapter. Insert one end of the power adapter into the power input jack and the other end into the wall socket. Move the power switch into the ON position, and  will appear on the screen.



※When unplugging the power cord, you need to press the metal button down to unplug it.

Method 2: Power with a V-mount battery. Insert one end of the D-Tap to DC cable into the power input jack and the other end into the V-mount battery. Move the power switch to the ON position, and  will appear on the screen.



※ The D-Tap to DC cable is sold separately.

## DMX:006

DMX connected

### ● DMX connection (when connecting to a console)

To access the MENU interface, simply perform a long press on the **MODE/MENU** key. From there, choose the **DMX** option and set it to **ON**. Next, connect the DMX connection cable as depicted on the left side of the diagram. Once these steps are completed, you will gain access to the DMX console.

### ● DMX Channel Settings (when connecting to a console)

○ When in the DMX connection interface, you can directly set channels by turning the **SET** Dial.

○ Long press **MODE/MENU** Button to enter the MENU interface. Select **DMX ADDR** to set channels.

### ● Disconnecting from the DMX console

- Unplug the cable connecting the DMX console and the light.
- Long press **MODE/MENU** Button to enter the **MENU** interface and set the DMX status as **"OFF"**.

### ● Channel Selection:

When DMX is activated, you can connect to the console. Set the console on a matching DMX channel, and it will allow you to perform various function modifications. This setup is suitable for connecting one or multiple consoles.

\*In DMX mode, the control channel is 1 by default.

\*In DMX mode, the available channels are 1-512.

\*If the DMX signal is lost, the light will recall the last signal used.

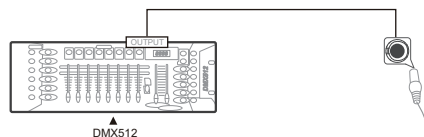
### ● DMX console control:

※ In DMX mode, please refer to the "PL60C DMX Channel Table" appendix for related control schemes.

1. Connect the DMX cable to DMX console.
2. Connect the DMX cable to light.

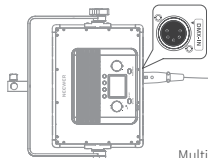
### ● DMX connection diagram

One console connection ▶

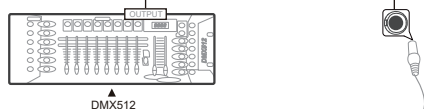


DMX512

DMX-IN

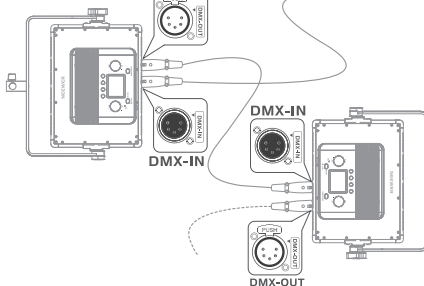


Multiple console connection ▶



DMX512

DMX-OUT

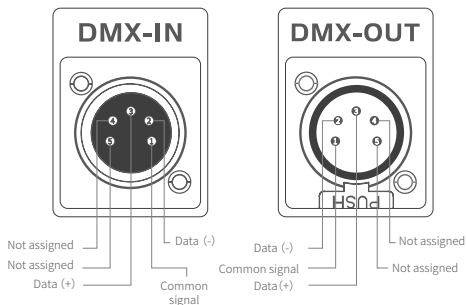


DMX-IN

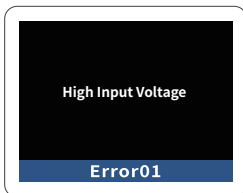
DMX-OUT

- When purchasing DMX cables from a third party, please check the interface protocol and make sure it is compatible with the light.

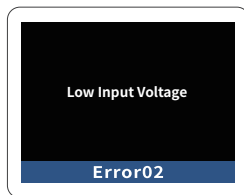
DMX interface protocol is shown below:



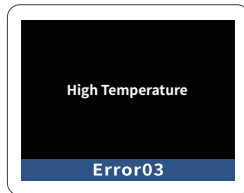
- High voltage protection



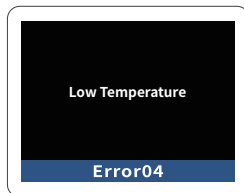
- Low voltage protection



- High temperature protection



- Low temperature protection



## Caution

1. Avoid staring directly at the lights to prevent harm to your vision.
2. Ensure efficient heat dissipation by not covering the vents with clothes or other objects.
3. Refrain from touching the product with wet hands, as it may damage the circuit panel.
4. Never disassemble the product or attempt to modify the circuit panel.
5. Keep the product away from direct sunlight to prevent potential damage.
6. Always disconnect the power cord when the product is not in use.
7. After use, allow the product to cool off before storing it in a bag to avoid heat-related damage to the LEDs.

## Specifications

EN

|                       |                                           |
|-----------------------|-------------------------------------------|
| Model                 | PL60C                                     |
| Number of LEDs        | 800                                       |
| Power                 | 60W                                       |
| Color Rendering Index | CRI: $\geq 96$ TLCI: $\geq 97$            |
| Maximum Illuminance   | 20000Lx@0.5M                              |
| Color Temperature     | 2500K~10000K ( $\pm 100K$ )               |
| Dimming Range         | 0%~100% ( $\pm 1\%$ )                     |
| Hues                  | 0~360°                                    |
| Saturation            | 0%~100%                                   |
| GM Correction Values  | -50~+50                                   |
| Number of Scenes      | 18                                        |
| R/G/B/C/W             | 0~255                                     |
| Number of Gels        | RESCO(20), LEE(20)                        |
| X/Y                   | 0.0000~0.8000                             |
| Power Sources         | Power adapter: 20V/V-mount battery: 14.8V |
| Beam Angles           | 45°                                       |
| Control Methods       | APP, 2.4G, Onboard, DMX                   |
| Operating Temperature | 14~104°F/-10~40°C                         |
| Dimensions            | 15"x13,5"x3,4"/380x342x86mm               |
| Weight                | 5,3lb/2,4kg                               |