

N-130 RGB-308APC 说明书 2025.5.12

材质: 80g 书纸单色单面印刷 尺寸: 622.8 X 220 mm

GreatLPT® Gr-RGB308APC LED Light Instruction Manual

✉ After sale mailbox: GreatLPT_VIP@163.com

Safety Notice:

In order to prevent any damage to your products or the safety of users, please read the following safety precautions before using and keep the information in this manual, so that all users of this product can access it at any time.

1. Product structure introduction

1. Soft filter 2. Light panel 3. Barn door 4. Angle adjustment knob 5. Fixed Knob
6. Fixed bracket 7. Battery compartments 8. Battery removal button
9. Function button 10. Display screen 11. Function adjustment knob
12. DC socket 13. Power Switch

2. Main features

This product uses 0.7W 308 RGB lamp beads in 5050 package, and 2835 package lamp beads with 2500K color temperature. The product uses a 1.77-inch TFT color display, adopts latest LED driving technology to make the color more rich, the illuminating range is larger, the brightness is stronger, and the color temperature adjustment range is wider. Provide sufficient, accurate and stable light source for dimming. A 1.77-inch TFT color display, with five function buttons and a function knob, makes the function adjustment of the product more intuitive and convenient. Comes with a four-page shade to adjust the light range. Equipped with two battery compartments and an external adapter DC interface, the power supply mode is selected by a three-speed rocker switch, which makes the product work longer. TFT color screen display, interactive operation interface, 49 types of scene presets, each type of scene can be customized parameters. With APP remote control, the maximum remote control distance can reach 15m.

3. Power on/off

1. Use battery power

At the same time, insert two NP-F series batteries into the battery compartment of the photography light in the correct direction. Flip the power switch to the I terminal, the LCD screen display lights up, and the photography light will turn on normally.

2. Use external adapter for power supply

Use an external adapter to supply power. Connect the 15V 3A adapter that matches the product to the adapter DC socket of the photography light, and connect the adapter to the power supply. Flip the power switch to the II end, the LCD screen display lights up, and the photography light will turn on normally.

3. Power off

In the power-on state, turn the power switch to end O, the LCD screen display goes off, and the camera light turns off.

4. Function adjustment settings

1. Control panel

Serial number	Name	Descriptions
1	MODE	Function keys MODE, White light (CCT), Color light (HSI), Scenes (SCENE) mode selection.
2	Fn1	Function key Fn1, press it to enter the menu or parameter item displayed on the left screen
3	Fn2	Function key Fn2, when pressed, enter the menu or parameter item displayed on the left screen
4	Fn3	Function key Fn3, press it to enter the menu or parameter item displayed on the left screen
5	Fn4	Function key Fn4, press it to enter the menu or parameter item displayed on the left screen
6	SET	Function knob, adjust the current menu or adjust the current parameter value
7	POWER	Power switch, toggle to the battery end to supply power to the battery, toggle to the DC end to supply power to the adapter
8	DC	Adapter power input DC jack

2. Function description

Gr-RGB308APC is divided into three working modes: CCT, HSI and SCENE. The usage methods are as follows:

2.1 White light (CCT) mode

After the product is turned on, it can be cycled through the MODE button (CCT → HSI → SCENE). Operation in CCT mode:

Brightness adjustment → Press the Fn1 key to select the brightness parameter in the screen, and then adjust the brightness through the SET function rotary knob.

Color temperature adjustment → Press the Fn3 key to select the color temperature parameter in the screen, and then adjust the color temperature through the SET function knob.

Group adjustment → Press the Fn2 key to select the Gr parameter on the screen, and then use the SET function rotary knob to adjust the Gr group (group A-C).

Channel adjustment → Press the Fn2 key to select the Ch parameter in the screen, and then use the SET function rotary knob to adjust the channel value (ch1-ch40).

Note: When the APP cannot connect to the device, in CCT mode, long press the Fn4 key to reset the Gr-RGB308APC and reconnect it.

2.2 In HSI mode

After the product is turned on, it can be cycled through the MODE button (CCT, HSI, SCENE). Operation in HSI mode:

Brightness adjustment → Press the Fn1 key to select the brightness parameter in the screen, and then adjust the brightness through the SET function rotary knob.

Color saturation adjustment → Press the Fn4 key to select the saturation parameter in the screen, and then adjust the color saturation through the SET function rotary knob.

Channel adjustment → Press the Fn2 key to select the Gr parameter on the screen, and then use the SET function rotary knob to adjust the Gr group (group A-C).

Group adjustment → Press the Fn2 key to select the Ch parameter in the screen, and then use the SET function rotary knob to adjust the channel value (ch1-ch40).

2.3 In SCENE mode

After the product is turned on, it can be cycled through the MODE button (CCT, HSI, SCENE). Operation in SCENE mode:

Brightness adjustment → Press the Fn1 key to select the brightness parameter in the screen, and then adjust the brightness through the SET function rotary knob.

Scene adjustment → Press the Fn3 key to select the scene parameters on the screen, and then use the SET function rotary knob to adjust different scenes.

Group adjustment → Press the Fn2 key to select the Gr parameter on the screen, and then use the SET function rotary knob to adjust the Gr group (group A-C).

Channel adjustment → Press the Fn2 key to select the Ch parameter in the screen, and then use the SET function rotary knob to adjust the channel value (ch1-ch40).

3. APP download way:

1. Use your mobile phone to scan the unified download code corresponding to the above picture, or search for "RHDLight" App through Google Play (Android) or App Store (Apple iOS) to download.

2. Open the APP, you need to agree to all the necessary permissions and function switches. If the Bluetooth is not turned on, it will prompt to turn on the Bluetooth to scan and connect the device, select "OK" to turn on the Bluetooth* or manually turn on the mobile phone's Bluetooth (ISO needs to be manually turned on).

3. The product starts normally.

4. As shown in Figure 1, click "+" on the app to enter the "device scanning" interface to start scanning devices. After waiting for about a few seconds, the "bound device picture and device name" as shown in Figure 2 will be displayed. Click Add to display the (Figure 3) interface. Click figure 3 interface, the current status: connected words, the figure 4 interface will appear. Click the top right of Figure 4 interface (Grp: A-ch1) to select GRP ch that is the same as the product lamp. By selecting different tabs on the top of the app, you can control and adjust the product in the corresponding interface under the app. Click "connected" in Figure 3 to slide to the left, and figure 5 will appear. Click "delete" in Figure 5 to prompt to delete the bound device. Note: (click Help on each interface of the app to display the specific operation guide of the app).

5. If the backup is not scanned during the scanning process, please check whether the product is turned on and the Bluetooth of the mobile phone is turned on. You can also set the product in CCT mode, long press Fn4 to reset, and then repeat the fourth step to reconnect.

6. Product parameters

Serial number	Item	Specifications
1	Product features	TFT color screen display, interactive operation interface. 49 kinds of scene presets, 360-degree color gamut full-color RGB. High color rendering index white LED. APP remote control.
2	LED qty	5050 RGB 0.5W lamp beads 108 pcs, 2835 2500K and 8500K lamp beads 100 pcs each
3	Max Power	40W(±3W)
4	lighting parameter	Illumination: 1100 Lux/1m (without diffuser) ±150 Lux Luminous flux: 2500 Lm ±250Lm CRI: CRI>95 TLCI>95 Color temperature range: 2500K-8500K ±200K Color gamut: 0-360 Saturation: 0-100
5	Brightness scope	1%-100%
6	Soft filter	1pcs
7	Barn door	4 pcs (0-180° angle adjustment)
8	Control mode	Button + Knob+APP Remote control
9	Display screen	TFT color screen 1.77 inch
10	APP	Channel: CH: 1-40 Group: GR: A-C Remote control distance: 15m
11	Illumination angle	>120°
12	Power supply	Batteries: Use two SONY NP-F batteries at the same time DC adapter 15V 3A
13	Connector	DC socket 5.5mm*2.5mm (positive inside and negative outside)
14	Product weight	About 1128g (photography light)
15	Humidity	20% ~ 80%
16	Operating environment temperature	0~35°C
17	Storage temperature	-10 ~ 50°C
18	Product size	274x64x259mm

5. Product size

Unit: mm Tolerance: ±1.0mm L=274 W=64 H=259

7. Cautions

- This light is not have dustproof and waterproof functions.
- Do not let the light fall to the ground, be hit by collision or strong impact.
- Do not cover the ventilation hole, otherwise the internal temperature may rise and cause fire or accident, which may cause the accident.
- Do not look directly at the white LED, otherwise it may cause visual impairment.
- Do not place the lights near flammable or easy-to-ignite solutions, which may cause fire or smoke.
- The switch must be turned to "OFF" when finish the working.
- If don't use led light or finish the working, please take out the NP-F batteries.
- Please do not put the light into the storage box immediately after use; the heat may cause damage to the white LED. It should be cooled thoroughly before being placed in the storage box.

We are committed to making every customer satisfied with our products and services.

No matter what problems you encounter in the use of the product, please feel free to contact us, we will be online 24 hours to provide you with the most satisfactory solution!

✉ After sale mailbox: GreatLPT_VIP@163.com

- Specifications and appearance are subject to change without notice.

FCC Warning

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 the equipment 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.