

Godox 神牛

# LED 闪光灯

Flash Light

型号/Model: **LF308D** / **LF308B**



## 深圳市神牛摄影器材有限公司

GODOX Photo Equipment Co., Ltd.

地址/Add: 深圳市宝安区福海街道塘尾社区耀川工业区厂房2栋1层至4层、4栋1层至4层  
1st to 4th Floor, Building 2/ 1st to 4th Floor, Building 4, Yaochuan Industrial Zone, Tangwei Community,  
Fuhai Street, Bao'an District, Shenzhen, China

电话/Tel: +86-755-29609320(8062)

邮箱/E-mail: [godox@godox.com](mailto:godox@godox.com)

705-LF3080-01

传真/Fax: +86-755-25723423

<http://www.godox.com>

Made in China



Instruction manual | 说明手册

Chinese English Bilingual | 中英文双语

## 八、产品参数

LED闪光灯	白光版LF308D	双色温版LF308Bi
锂电池供电	7.4V锂电池(NP-F970接口)(需另购)	
DC电源供电	6.5~12V 4A	
频道	32个	
组别	6组(A、B、C、D、E、F)	
功率	最大18W	
色温	5600K±300K	3300K~5600K ±300K
100%光照度(LUX)	LUX≤1300 (1 米)	LUX≤1200 (1 米)
调光范围	0%~100%	
闪光功率调控	OF, 7.0-10 (1/8-1/1)	
闪光触发控制方式	同步线插孔, 试闪按钮, 2.4G无线, 蓝牙	
灯珠数量	308个	308个(5600K: 154个; 3300K: 154个)
工作环境温度	-10~50度	
产品尺寸	180mm*185mm*40mm (不包含手柄尺寸)	
净重	400g	

遥控器	RC-A6
供电	3.0V(AAA*2)(不包含)
无线频率	2.4G
距离(空旷)	50米
频道	32个
分组遥控	16组(此机A, B, C, D, E, F可用)
待机时间	1年以上
工作环境温度	-10~50度
产品尺寸	120mm*38mm*15mm
净重	30g

设计和规格如有变更, 恕不另行通知。

## Foreword:

Thank you for purchasing this Godox Product!

LED Flash Light LF308 series add flash functions based on the traditional LED light. LF308 series can be served as a flash, as well as an LED light. It's excellent for macrophotography, product shooting, photojournalistic and video recording, etc. The lightweight and portable light provides high brightness and accurate color temperature. Two models are available: LED308D Daylight Version Version (5600K) and LED308Bi Bicolor Version (3300K).

### Features:

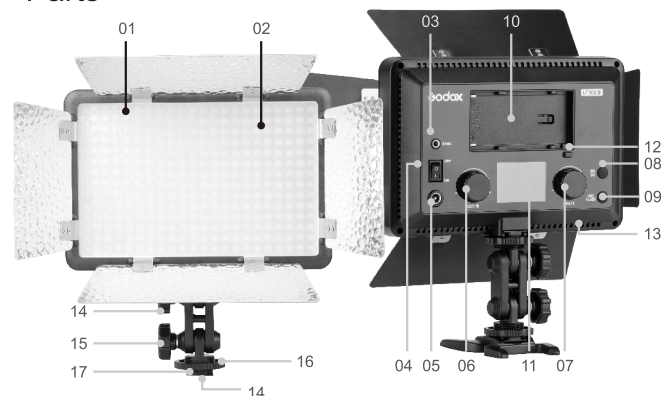
- Can both serve as a flash and an LED light
- 308-LED-bulbs panel is lithium-ion or DC powered
- Bluetooth or 2.4G wireless grouping system (6 groups & 16 channels)
- Wirelessly adjust brightness or color temperature(bicolor version)
- Include an adapter, a remote control, a portable handle and a mini stand
- Quickly change panel angle
- Large-sized LCD panel & settings auto saved
- Fits almost any cameras and camcorders

Type	Model
Daylight Version (Color Temperature 5600K)	LED308D
Bicolor Version (Color Temperature 3300K~5600K)	LED308Bi

## ⚠ Warning:

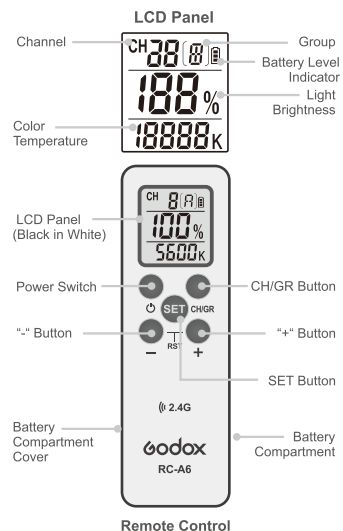
- ⚠ Do not place in high temperature or high humidity conditions.
- ⚠ If this product overheats, it will cease operation and resume working after cooling down. This is due to the built-in overtemperature protection.
- ⚠ Do not handle with wet hands, immerse in water, or expose to rain.
- ⚠ Observe precautions when handling batteries:
  - Do not mix new and used batteries or batteries of different types.
  - Do not put batteries into a fire or apply direct heat to it.
  - Batteries are prone to leakage when fully discharged. To avoid damage to the product, be sure to remove batteries out when the product will not be used for a long time or when batteries run out of charge.
  - Should liquid from batteries come into contact with skin or clothing, rinse immediately with fresh water.

## Parts



### Body

- 01. 308 LED Beads
- 02. Color Filters
- 03. 3.5mm Sync Cord Jack
- 04. Power Switch
- 05. DC Power Jack
- 06. **CCT** Color Temperature Select Dial + Modeling Lamp Button
- 07. **DIM** Light Brightness/Power Select Dial + Test Button
- 08. GR/CH Button
- 09. LED/Flash Button
- 10. Lithium Battery Compartment
- 11. LCD Panel (White in Black)
- 12. Battery Release Button
- 13. Heat Dissipation Hole
- 14. Angle Adjusting Knob A
- 15. Angle Adjusting Knob B
- 16. Locking Ring
- 17. Camera Hotshoe Connection
- 18. 1/4" Bracket Mounting Hole
- 19. Handle
- 20. Mini Stand



# Power Management

## 1. Power Supply

Two power supply modes are available:



### • Using lithium battery:

Choose SONY NP-F970model lithium battery (separately sold) and install them correctly.



### • Using DC power jack:

This light can be powered by DC power supply. Use a 6.5~12V 4A adapter (purchased separately) to connect the light with the DC power supply.

#### Note:

- When using lithium battery, the Battery Level Indicator is displayed on the LCD panel. When the indicator blinks, the lithium battery power is low. Please recharge it immediately before usage in order to avoid forceful auto off.
- When using DC power supply, the Battery Level Indicator will be displayed as full.
- Must use the included Godox adapter, otherwise, the tested index may not be in accordance with instruction manual.
- The lithium battery will be disconnected when inserting DC power source.

## 2. Installing Lithium Battery

- (1) Turn the Power Switch off.
- (2) Target the socket of the lithium battery towards the “+”“-” contacts of the Battery Compartment. Push the battery in until it locks.
- (3) Power the light on.
- (4) After using the light, please power it off.
- (5) Press the Battery Release Button and push rightwards to take the battery out.



# Using the LED Flash Light



## 1. On the Camera

- Screw the Locking Ring to the highest point and insert the Camera Hotshoe Connection horizontally into the hotshoe of a camera or a camcorder.
- Tighten the Locking Ring.



## 2.By the Handle

- Screw the Locking Ring to the highest point and insert the Camera Hotshoe Connection horizontally into the hotshoe of a camera or a camcorder.
- Tighten the Locking Ring.



## 3.On the Mini Stand

- Screw the Locking Ring to the highest point and insert the Camera Hotshoe Connection horizontally into the hotshoe of the mini stand.
- Tighten the Locking Ring.



## 4.On the Light Stand

- Screw the Locking Ring to the highest point and install the light stand onto the 1/4" Bracket Mounting Hole.
- Tighten the Locking Ring.

**Note:** If your camcorder has no hotshoe connection, you are advised to purchase a connecting bracket for camcorder. The video light has a 1/4" Bracket Mounting Hole as your camcorder does. Therefore, you can easily connect both the light and the camcorder to the bracket.

# Operation

## 1. Flash Setting


### 1.1 Before Usage

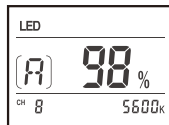
- Insert the lithium battery or connect the light with the DC power supply.
- Switch the power on, the video light giving out light.
- LCD panel shows the information.



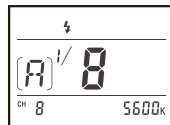
### 1.2 Mode Selection:

#### LED Mode/Flash Mode

- Press LED/FLASH Button to switch different mode: the light will be served as LED if LED is displayed while being served as flash if  is displayed.



LED MODE




FLASH MODE

### 1.3 Light Brightness Adjustment

- In LED mode, turn the **DIM**/ button to adjust the light brightness from 0% to 100%.



### 1.4 Color Temperature Adjustment

- In LED mode or flash mode, turn the **CCT**/ button to adjust color temperature. Color temperature range:

Daylight Version LED308D	Bicolor Version LED308Bi
5600K	3300K-5600K



**NOTE:** Color temperature of LED 308D (Daylight Version) is invariable. The LCD panel only shows 5600K.

### 1.5 Adjusting Channel/Group of the LED Flash Light

- Press the CH/GR button and the group icon blinks. Turn the select dial to choose a group (A to F).
- Press the CH/GR button twice and the channel icon blinks. Turn the select dial to choose a channel (1 to 32).

**Custom Function Settings:** when turning on the flash, long press the LED/FIASH button and enter custom function settings.

Custom Function Signs	Function	Setting Signs	Settings & Description	Restrictions
F1	Wireless ID	OF 01-99	Wireless ID is off Choose any figure from 01 to 99	No
F2	Power output display mode	1/P P/P	Display power in the form of fractions Display power in the form of fraction decimal	Flash mode
F3	Bluetooth ID	GDB6-XXXX	Choose the ID to be connected	No
F4	Color temperature adjusting mode of LED light	01	P mode(light brightness changes with the color temperature and reach to the max. value in 4200K)	Bicolor light
		02	General mode(when adjusting color temperature, the light brightness in the same level nearly keep the same value in all color temperature)	

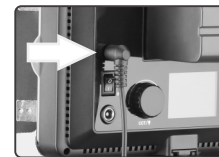
## 2. Flash Mode

**2.1** In flash mode, X system wireless triggering can be achieved. It is recommended to separately purchase Godox X series flash trigger, e.g. X1, X2, XPro series, XT32, etc. The products with transmitting functions can remote control LF series' power, modeling lamp' s ON/OFF and triggering. Please refer to relevant instruction manuals of flash triggers for more details.




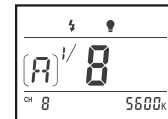
### 2.2 Sync Triggering

The sync cord jack of LF308 is a  $\Phi 3.5\text{mm}$  plug. Insert a trigger(e.g. RT and DM flash trigger) plug here and the flash will be fired synchronously with the camera shutter.




### 2.3 Modeling Lamp

In flash mode, press the **DIM**/ button can switch on or off the modeling lamp. Or use a flash trigger to control it. The modeling lamp's light brightness will change with brightness value in LED mode. If light brightness adjustment is needed, please switch to LED mode and back to the flash mode after adjustment finished.



## 2.4 Test

Press **CCT**/ button, and the LED light will fire a flash or using a flash trigger to control it.



## 3. LED Mode

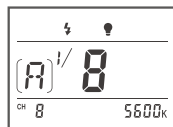
- 3.1 In this mode, 2.4G wireless remote control can be applied to wirelessly adjust the light's color temperature and light brightness.
- 3.2 When choosing P mode in color temperature adjusting mode of LED light, the light brightness reaches to the max. value in 4200K. When choosing general mode, the light brightness in the same level nearly keep the same value in all color temperature.

## 4. Wireless Remote Control

### 4.1 2.4G Wireless Remote Control

With 2.4G wireless system, this product has remote grouping and control function. Up to 6 groups of LED light can be controlled. 32 channels are available with strong anti-interference capability.

Please set the channels and groups of LED Flash Light to the same as those of RC-A6 remote control before usage.



### Adjusting Channel/Group with the Remote Control

- Press the CH/GR button and the group icon blinks. Press the "-" "+" button to choose a group (A to F, 0 to 9).
- Press the CH/GR button twice and the channel icon blinks. Press the "-" "+" button to choose a channel (1 to 32).

### Adjusting ID with the Remote Control

- Double click the CH/GR button and press the "-" "+" button to choose ID from OFF or 0 to 99.

### Adjusting Light Brightness with the Remote Control

- Press the "-" "+" button to adjust the light brightness.

### Adjusting Color Temperature with the Remote Control

- Press the SET button of the remote control and the color temperature icon blinks. Press the "-" "+" button to adjust the color temperature.

**Remote control reset:** press down "-" and "+" button simultaneously to reset.

## 4.2 Bluetooth Wireless Remote Control

This LED light can also be wirelessly controlled by smartphone APP through Bluetooth. 32 channels are available with strong anti-interference capability.

- **Bluetooth connection:** when turn the LED light on, long press the LED/FLASH button and enter C.Fn custom functions. Turn the button to F3, Bluetooth ID will be displayed on the LCD panel. Open the GodoxPhoto APP and click Bluetooth to choose the corresponding Bluetooth ID. Enter the password (original password is 000000) and the Bluetooth is successfully connected.



When using in combination with multiple LED lights with Bluetooth, APP can be applied to control those LED lights simultaneously. Use one light as mast unit and others as slave units. The mast unit will transmit the parameters to slave unit and the slave units will receive the data which belongs to their own channels and groups.



- **LED control and flash control:** please refer to Settings---Help in "GodoxPhoto" APP to see more detail.

### Other Operation Tips:

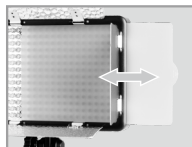
- Pressing the ON/OFF button on the remote control can only turn on/off all the LED groups instead of powering it on or off. When received the "OFF" command from the remote control, LED Flash Light stop lighting up and LCD panel gets dark with "OF" displayed.
- Pressing the "SET" button on the remote control for 2 seconds can only turn on/off the current LED group.

### Tips of Using Remote Control:

- (1) When using the Daylight Version LED308D, please set the color temperature of the remote control as 5600K constantly.
- (2) Please remove the battery if the light will not be used for an extended period of time.

## 5. Replacing A Color Filter

- Pinch the edge of the color filter and pull it out.
- Insert a new color filter in and push it to the left.  
Then the color filter is securely in position.



## What's in the Box of LF308?

NO.	Included Item	LED308D (5600K)	LED308Bi (3300K~5600K)
1	LED Flash Light	1 PC	1 PC
2	Adapter	1 PC	1 PC
3	Remote Control	1 PC	1 PC
4	Handle	1 PC	1 PC
5	Mini Stand	1 PC	1 PC
6	Diffusion Filter	1 PC	1 PC
7	Yellow Filter	1 PC	NO
8	Blue Filter	1 PC	NO



LED Flash Light



Mini Stand



Handle



Adapter



Remote Control

## Technical Data:

LED Flash Light	Daylight Version LED308D	Bicolor Version LED308Bi
Lithium Battery	7.4V Lithium Battery(SONY NP-F970 model lithium battery) (sold separately)	
DC Power Supply	6.5~12V 4A	
Channel	32	
Group	6 groups(A, B, C, D, E, F)	
Power	Max. 18W	
Color Temperature	5600K±300K	3300K~5600K ±300K
100% Light Brightness (LUX)	LUX≤1300 (1 m)	LUX≤1200 (1 m)
Light Brightness Range	0%~100%	
Power Output Control	OF, 7.0-10(1/8-1/1)	
Triggering Method	Sync cord, test button, 2.4G wireless, Bluetooth	
LED Beads Quantity	308	308 (5600K: 154; 3300K: 154)
Operation Temperature	-10~50 °C	
Dimension	180mm*185mm*40mm(not with the Handle)	
Net Weight	400g	

Remote Control	RC-A6
Power Supply	3.0V(AAA*2)(not include)
Wireless Frequency	2.4G
Distance (emptiness)	50m
Channel	32
Group	16 groups(A, B, C, D, E and F can be applied in this light)
Standby Time	Over one year
Operation Temperature	-10°C~50°C
Dimension	120mm*38mm*15mm
Net weight	30g

\* Product design and specifications 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.

**Note:** 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.

**\*RF warning:**

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.