

Thank you for using the YN508 LED video light. Please read the manual carefully and keep this user manual properly for reference.

Function Introduction

- 1.YN508 is the first two-in-one LED video light designed and made by YONGNUO. It can be used as a ring light by organizing its structure, or, divided it into two independent video light. YN508 meets kinds of photographic demand and supplementary lighting needs.
- 2.YN508 adopts 480pcs of high-brightness, high CRI (Color Rendering Index) and high TLCI (the Light Consistency Index) LEDs, which helps the video camera to increase its color accuracy and perfectly reproduce the color of the shooting object.
- 3.YN508 can be remote controlled by mobile phone. Download a mobile APP from the official YONGNUO website, control the LED video light from a mobile phone and read the current brightness, group and channel settings of the LED video light. Switch and brightness of at most 8 groups of LED Lights can be separately controlled.
- 4.YN508 supports multi-channel wireless control. It means that the switch and brightness of the LED video light can be remote controlled, at the meanwhile, at most 8 groups of LED video lights can be crossover controlled. (Remote controller is optional.)
- 5.YN508 supports dual power input. It supports NP-F series battery and external DC power supply. It meets kinds of shooting requirements with these two power supply modes.
- 6.YN508 adopts YONGNUO proprietary LED constant current driving technology which does great help to effectively avoid corrugation and stroboscopic flash.
- 7.YN508 adopts dual LED digital display screen. The display effect is more stereoscopic and it's more intuitive when check the power output.
- 8.YN508 is equipped with a professional U-type stand. It's more convenient and swift to adjust the supplementary lighting angle.

precautions

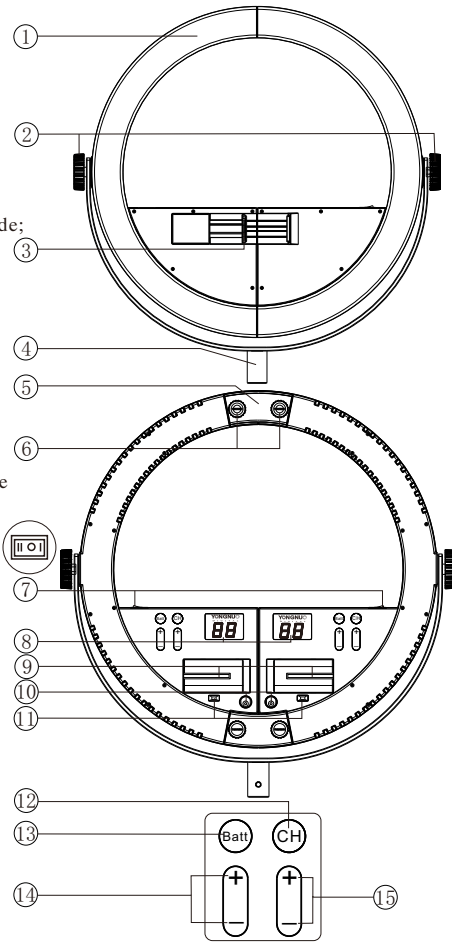
- 1.When using this LED video light, please place it under the ventilated environment.
- 2.Do not disassemble the product, maintenance or repair of this product should be carried through by technical maintenance personnel of our company or technical maintenance personnel authorized.
- 3.Do not use this product in flammable and explosive place, or where it can be exposed to moisture.
- 4.Please keep this product away from the children.

Product Specificaion

Light Source	480 LED lamp beads	Luminance Angle	55°
Color Temperature	3200K-5500K	External power source	Two 12V 2A DC power supply
Color Rendering Index	≥95	Average Service Life	50000H
Output power	30W(15W and 15W)	Lumen	3720LM
Weight	3900G	dimension	430*85*320MM
Compatible batteries	Two NP-F750 series lithium batteries	Control distance	<15M
Contents: Video light(L, R) ; user manual (1) ; U-type stand (1) ; A set of set pieces(1) Note: please contact your dealer if the contents missing.			

Product Structure

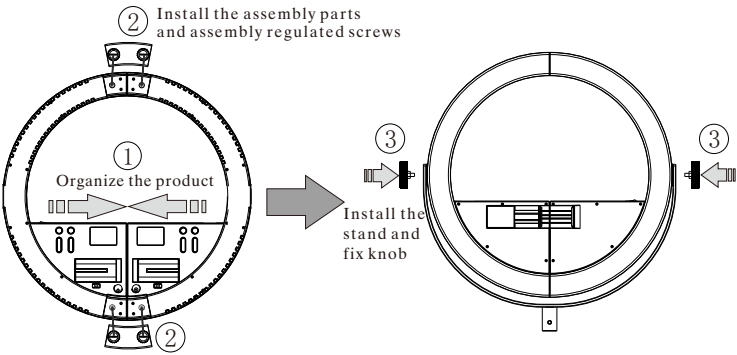
1. Soft light panel
- 2.Stand fix knob
- 3.mobile phone fix seat
- 4.U-type stand
- 5.Assembly part
- 6.Assembly regulating screw
- 7.Power switch
- (The power supply mode can be adjusted, ①: DC supply mode; ②: Battery supply mode; ③: Off.)
- 8.LED digital display screen
- 9.Battery container
- 10.DC power port
- 11.Battery latch
- 12.Channel switch button
- 13.Power Test button
- 14.5500K +/- button
- 15.3200K +/- button
- (Short press color temperature +/- button, the brightness can be accurately controlled by 1%; long press to quickly adjust the brightness.)



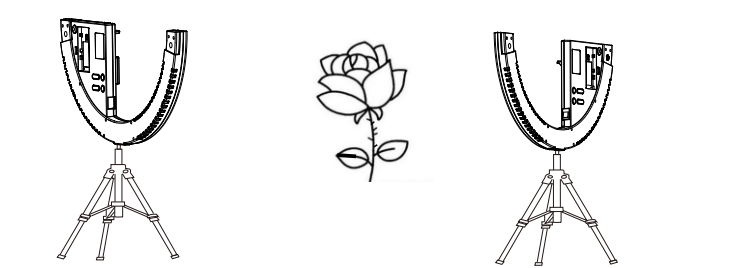
Installation and fixed

1.Product Installation

a.Please install this products in the following order.



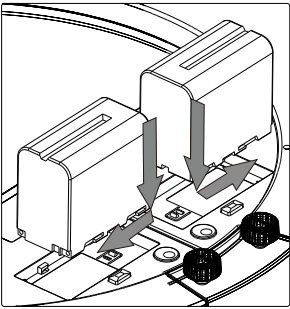
b.This video light can be disassembled and used as two independent lights.



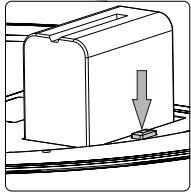
2.Install Battery

When install the lithium battery, please put the battery into battery container in the direction shown by the arrow. When 1pcs of battery installed, 240pcs of LEDs can be lighted up. When 2pcs of batteries installed, 480pcs of LEDs can be lighted up.

NOTE: The battery capacity of YONGNUO NP-F750 reaches up to 5200mAh. When YN508 is set to the maximum luminous intensity, it will keep working about 150 minutes. Please take the batteries out when this video light is not used.

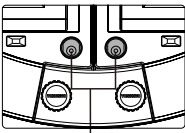


3.When removing the lithium batteries, please press the battery lock and then take out the lithium batteries.



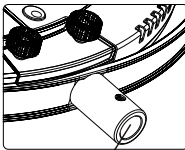
4.External Power Supply

It's optional to use 2pcs of YONGNUO AC adapter to help this LED video light to acquire long working hours. When using external power, please turn the switch to power supply mode, then the LED video light will cut off the battery supply and stop charging the battery. The power port is “+” inside and “-” outside, the input voltage is 12V and electric current is 2A. Note: When 1pcs of YONGNUO AC adapter is used, just half of the ring light can be lighted up. Therefore, please purchase 2pcs of 12V2A YONGNUO AC adapter to use with this LED video light. Any product malfunction caused by using AC adapter of other brands, YONGNUO is not responsible for warranty repair. .

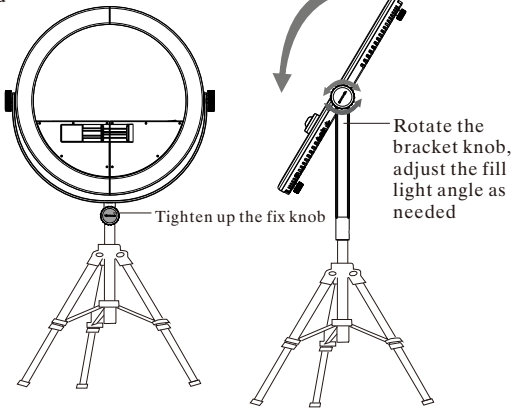


Use by inserting the power adapter through DC power hub

5. Use on fixed tripod



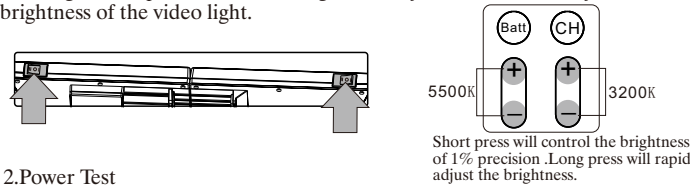
Tripod interface



Method Application

1.Startup &Shutdown and Brightness Adjustment

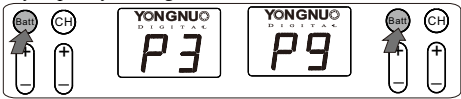
First install the battery or insert DC power, then switch the power switch, the LED video light is lit, press the 5500K brightness adjustment button, adjust the brightness of the video light.



2.Power Test

Press Batt power test button, the digital tube will display the battery capacity reading. As shown in the following picture, the capacity of the left battery is 30%, and the right battery is 90%.

Note: The battery remaining capacity tested when the luminous intensity is low will be different from the battery remaining capacity tested when the luminous intensity is high. The battery capacity tested is how long the service time of YN508 will last under the current luminous intensity. When using the external power supply, you press the battery capacity testing button, the screen will show DC.



Capacity of battery is shown on the Nixie tube

3.Channel Switch

Press channel switch button to adjust the LED video light to the channel needed, and the display screen shows CH1 to CH8. Assume that the channel of L is switched to CH2, it means that the channel of R is as well switched to CH2. At this moment, L and R can adjust their brightness mutually. If you have several YN508, you can control the brightness and switch by group, at most 8 groups. YN508 has two YONGNUO 2.4G wireless control system. When organize and use YN508 as a ring light, please adjust them to same channel. Note: This LED video light supports YONGNUO 2.4G wireless control. Accessories do not contain remote controller.



Adjust the channel of the video light to the channel needed

4.Mobile APP Remote Control

The product supports mobile remote control , the APP can be downloaded from the YONGNUO official website or download through scanning the two-dimension code on the gift box, Moible phone APP will be updated continuously. Please pay attention to YONGNUO official website for latest version of APP to get better remote control experience.

Failure Analysis and Troubleshooting

When using this product ,you may encounter the following problema:

Description	Cause	Troubleshooting
No reaction after power on	Low Battery	Install new batteries or connect external power supply
	Damaged circuit board	Depot repair
Inadequate or low luminance at the greatest luminous intensity	Low battery	Install new batteries or re-charge the batteries
Inaccurate battery capacity test; low battery in high luminance and full battery in low luminance.	The battery capacity indicates the length of time available for the use in the current luminance. Higher luminance required more power and the length of time available for use will be shortened, so the battery capacity shown gets lower	Normal phenomenon and no measure needed
The video light can't be controlled remotely.	Too far away	Ensure the remote control distance is no more than 15 meters

The functions in this manual are based on the test conditions of our company. Further notice will not be given if the design and specifications change.

SHENZHEN YONGNUO PHOTOGRAPHY EQUIPMENT Co.Ltd.
Add:Building A, Shenfubao modern optics factory,Kengzi Street, Pingshan District, Shenzhen
TEL:0755-8376 2448
Wed:www.hkyongnuo.com
Manufacture address:4/F,Building 2, Donglongxing Technology Park,East Huaning Road, Dalang Street,Longhua District,Shenzhen
After-sales Service TEL:400-0013-888

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.

Warning: 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.

FCC Radiation Exposure Statement:

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.