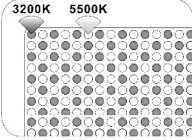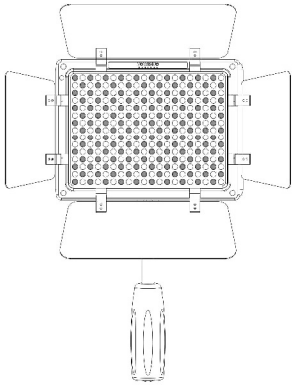# YONGNUO
DIGITAL

Pro LED Video Light
YN 300-II
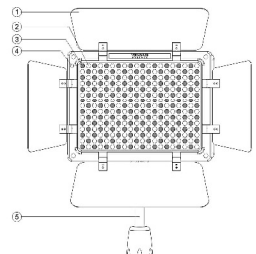## User Manual

3200K   5500K

Please read manual carefully before using the
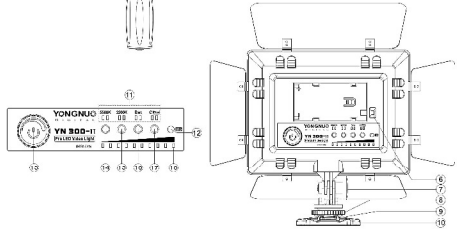product and keep it properly for future reference.

Summary
First of all, thank you for using YN300-II LED camera light. This camera light is
formed by 150 LED lamp beads with 5500k color temperature and another 150 LED
lamp beads with 3200k color temperature. You can adjust the brightness ratio between
them to get the color temperature you want. It adopts the encoder digital dimming code,
thus the camera light can be dimmed accurately and reliable, and will not lead to
undesirable effects such as light shaking after long-time use; besides, the camera light
is equipped with powerful functions of battery power test, remotely controlling and
adjusting the brightness wirelessly, etc.

I、Product Structure

1、Reflector
2、5500k Color Temperature LED lamp beads
3、3200k Color Temperature LED lamp beads
4、Front IR Receiver
5、Handle
6、Battery Lock Button
7、Adjusting Screw
8、Hot Shoe Fastening Knob
9、Metal Hot Shoe Base
10、Mini-type Base
11、Functional Indication Lamp
12、Rear IR Receiver
13、Power Switch/Brightness Adjusting Rotary Button
14、5500k color temperature Button
15、3200k color temperature Button
16、Electric Quantity Testing Pushbutton
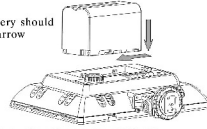17、Fine-adjusting Switch Button
18、Pilot Lamp

II、Function Introduction
1、YN300-II adopts high-quality LED lamp beads of extra-large luminous chips, the
brightness is brighter, the light spot is more evenly and the service time is longer.
2、The color temperature of YN300-II can be adjusted from 3200~5500k, which meet
your needs of more shooting situations.
3、YN300-II adopts the encoder digital dimming which can be separately adjusted to
rough dimming and fine dimming modes, more convenient to use.
4、The infrared remote controller is configured, thus the brightness and power switch can
be adjusted away from the machine.
5、Adopted the professional LED driving chip, the light is stable and the efficiency up to 93%.
6、The camera light can be mounted on the camera as well as used by a handle.
7、Four color temperature plates are configured and suitable for use under different
environments.
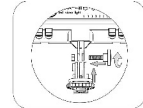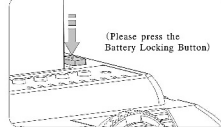
III、Method of Application
1、Battery Installation
When the lithium battery is mounted, the battery should
be mounted to the card groove according to the arrow
direction.

NP-F750	NP-F550	NP-F950/B
NP-F530	NP-F970	NP-F970/B
NP-F570	NP-F770	NP-F960
NP-F930	NP-F930/B	NP-F950
NP-F330		

Note: It is recommended to use the battery with capacity of more than 400mah,
which can be used for about 90 minutes under the highest brightness, capacity of
2200mah can be used for about 40 minutes under the highest brightness, and capacity
of 5800mah can be used for about 130 minutes under the highest brightness. The
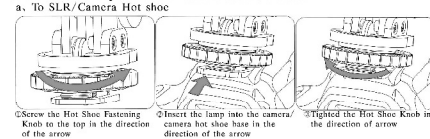battery should be taken off when it is out of service.

When the lithium battery is dismounted,
please press the Battery Locking Button,
and then take off the lithium battery.

(Please press the
Battery Locking Button)

2、Camera Lamp Installation
First fasten the lamp base to the bottom of the product with
the adjusting screw and then adjusting the angle of the lamp
as needed.
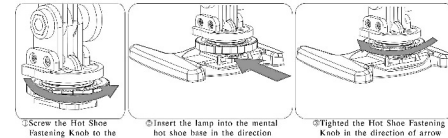
3、The camera lamp can be fastened as follow as needed.
a、To SLR/Camera Hot shoe

①Screw the Hot Shoe Fastening Knob to the top in the direction of the arrow
②Insert the lamp into the camera hot shoe base in the direction of the arrow
③Tighted the Hot Shoe Knob in the direction of arrow

b、To Attached Mini Base Put on the Desktop or Other Flat Surfaces.

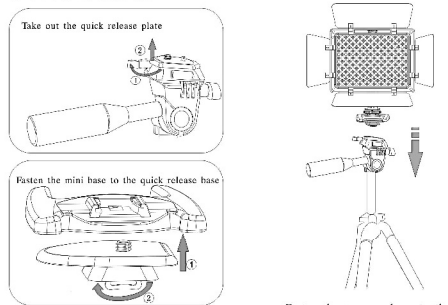①Screw the Hot Shoe Fastening Knob to the top in the direction of the arrow
②Insert the lamp into the mental hot shoe base in the direction of the arrow
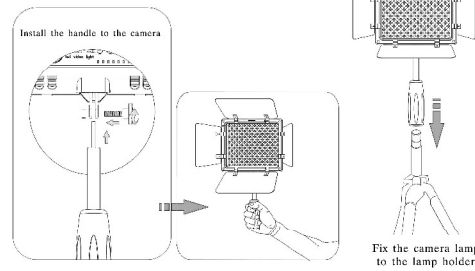③Tighted the Hot Shoe Fastening Knob in the direction of arrow

c、To Lamp Holder/Tripod

Take out the quick release plate
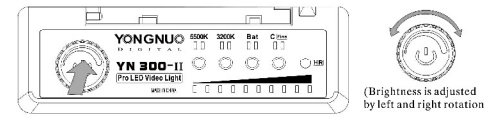
Fasten the mini base to the quick release base

Fasten the camera lamp to the tripod

d、To the Attached Handle

Install the handle to the camera

Fix the camera lamp
to the lamp holder

4、Start-up and Manual on
a、Press the power switch and light the LED camera light, rightwards rotate to
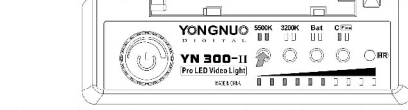increase the brightness, or leftwards rotate to reduce the brightness;
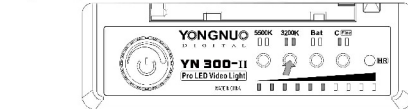
(Brightness is adjusted
by left and right rotation)

b、Switch to fine-adjusting mode through C Fine
pushbutton, thus the brightness regulation become
very fine to satisfy your higher adjusting requirement.

4、Color Temperature Adjustment
Slightly press the 5500k pushbutton and rotate the brightness adjustment knob to adjust
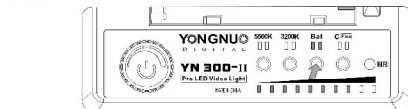the 5500k Color Temperature LED lamp beads

Slightly touch the 3200k pushbutton is to adjust the brightness of 3200k Color Temperature
LED lamp beads. You can adjust the brightness ratio between them to get the color
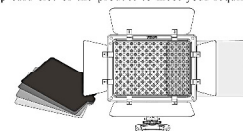temperature you want from 3200k to 5000k.

5、Test of Electric Quantity
Bat pushbutton is slightly touched, the pilot lamps are lighted in order; the displayed
quantity is the remaining electric quantity. (Note: the power test with low brightness is
different from that with high brightness, thus the service time is tested under the current
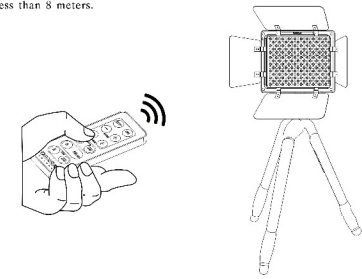brightness)

IV、CT Filters
This product comes with 4 CT filters. Simply insert the CT filters into the color
temperature chip card slot of the product to meet your requirement in different
environments.

V、Remote Control Mode
a、The product comes with multifunctional IR remote control can adjust the
luminance and switch. Aim the remote control at the front or back of this product
which is equipped with one IR receiver respectively to adjust the luminance at a
remote control less than 8 meters.

b、The multifunctional IR remote control can also control Canon, Nikon, Sony SLR
with infrared reception.

VI、Product Specification

Light Source	300 LED beads	Luminance Angle	55°
Color Temperature	3200k—5500k	Average Service Life	50000H
Color Rendering Index	>90%	Remote Control Distance	<8M
Power	18W	Weight	725g
Lumen	2280 LM	Size	173*153*43

Contents: Camera light(1)、Multifunctional IR Remote(1)、Handle(1)、
Light foot(1)、Storage Bag(1)、Mini Base(1)、User Manual(1)、CT Filters(4)
Note: Please contact your dealer if anything is missing.

VII、Failure Analysis and Troubleshooting
In using this product, you may encounter the following problems.

Description	Cause	Trouble-shooting
No reaction after power on	Low Battery	Install new batteries or charge the batteries for use
	Damaged circuit board	Depot repair
Inadequate or low luminance at the highest grade	Low battery	Install new batteries or charge the batteries for use
Inaccurate Battery capacity test; low battery in high luminance and full in low luminous	The battery capacity indicates the length of time available for the use of the current luminance. Higher luminance required more power and shortens the length of time available for use, so the battery capacity shown is lower	Normal phenomenon and no measure needed
The camera lamp can not be remote controlled	Fail to aim at the IR receiver or eo far away	Aim at the camera and less than 8 meters
Multifunctional remote control fails to remote control the shutter	The IR reception function is not turned on	Enable the IR reception according to the User Manual of the camera

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