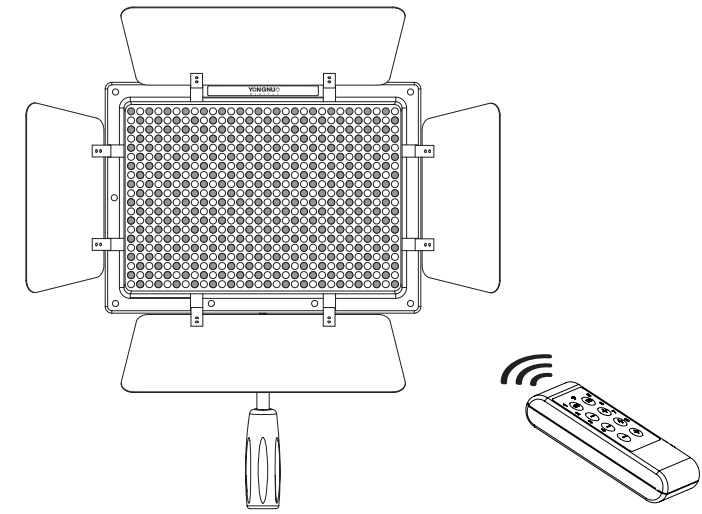


## YN600L II 摄像机 Pro LED Video Light 使用说明书

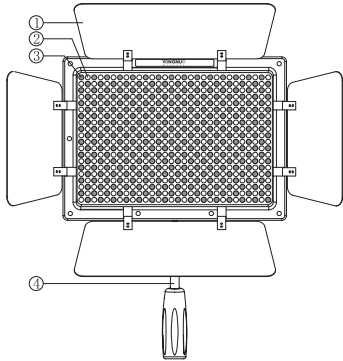


在使用产品前，请认真阅读说明书并妥善保管以便将来查阅

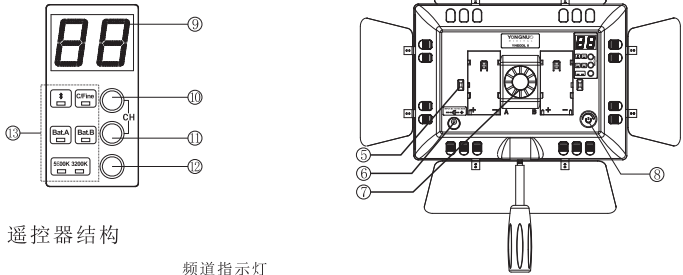
### 总述

首先感谢您使用永诺YN600L II摄像机，它由300颗3200K色温的灯珠和300颗5600K色温的灯珠组成，灯珠采用超大发光面积的芯片，同等能耗，亮度更高且可以在3200K至5600K之间任意调节所需的色温，实用性更强；采用永诺专有LED驱动技术，拍摄时绝不出现波纹、频闪等现象；它采用编码器数字调光模式，调光精准、可靠；内置2.4G无线遥控系统；配有8频道分组功能；另外它还可以遥控器遥控或手机无线遥控，分组控制摄像灯的亮度等强大功能。

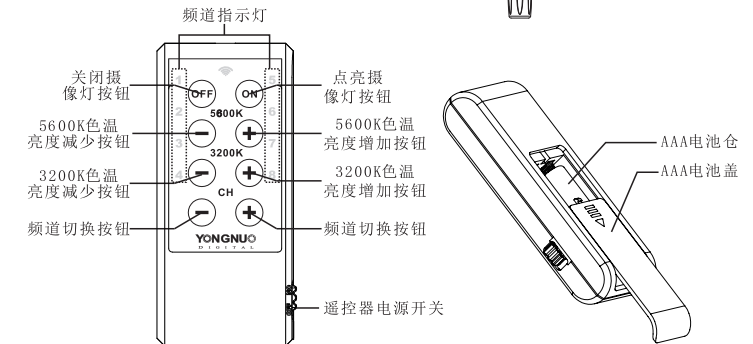
### 一、产品结构



- 1、反光板
- 2、5600K色温灯珠
- 3、3200K色温灯珠
- 4、手柄
- 5、电池锁扣
- 6、直流电源插孔
- 7、散热装置
- 8、电源开关/亮度调节旋钮
- 9、LED数字显示屏
- 10、粗/细调切换按钮
- 11、电量测试按钮
- 12、3200K/5600K色温切换按钮
- 13、功能指示灯



### 遥控器结构



### 二、功能简介

- 1、配置多频道无线遥控器，可以离机调节亮度及开关，同时可以分别控制8组摄像灯的亮度及开关，让您操作更轻松。
- 2、可在官网下载手机APP，通过手机控制LED摄像灯，读取当前LED摄像灯的亮度及频道，可分别控制8组摄像灯的亮度及开关，让您随心所欲的控制LED摄像灯。
- 3、采用300颗3200K色温的灯珠和300颗5600K色温的灯珠组成，均为超大发光面积的灯珠，同等能耗，亮度更高且可以在3200K至5600K之间任意调节所需的色温，实用性更强。
- 4、采用永诺专有LED驱动技术，拍摄时绝不出现波纹、频闪等现象。
- 5、采用编码器数字调光，可分粗调、细调模式，使用更方便。
- 6、采用LED数字显示屏，功率输出更直观。
- 7、支持外接直流电源输入，方便您长时间拍摄使用(电源适配器为选配)。
- 8、采用风扇强制散热，真正解决LED长时间工作的发热问题。
- 9、配置2块色温板，适合不同环境下使用。

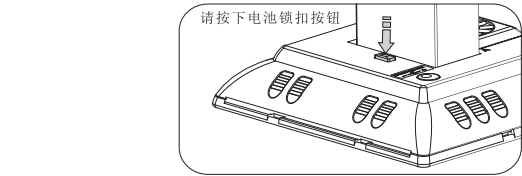
### 三、使用方法

#### 1、安装电池

- a、安装锂电池时按箭头方向将电池装入卡槽；只安装一个电池时，能点亮300颗LED灯珠，其他功能均可正常使用，当安装两个电池时，点亮600颗灯珠。（注：安装单个电池不能调节色温，只能单独点亮3200K色温的灯珠或5600K色温的灯珠）

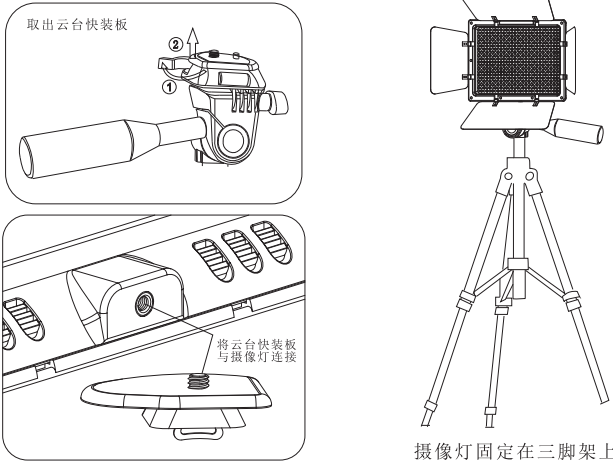
注：适用NP-F系列电池，不使用时请取下电池。

- b、拆卸锂电池时，请先按下电池锁扣再取出锂电池

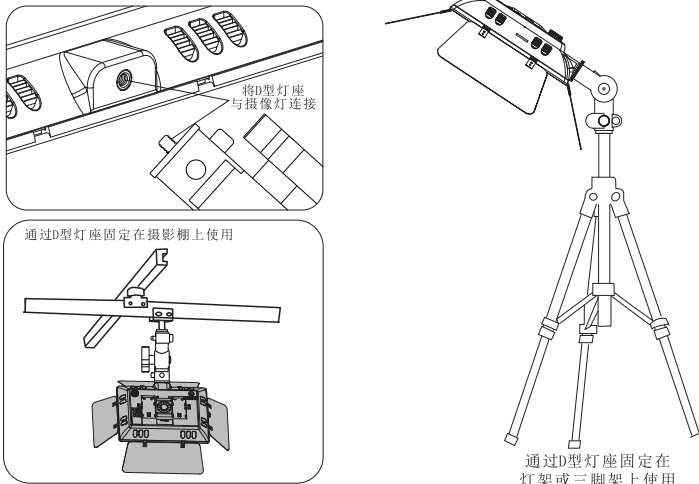


- 2、根据您的需要可以通过以下方式固定摄像机：

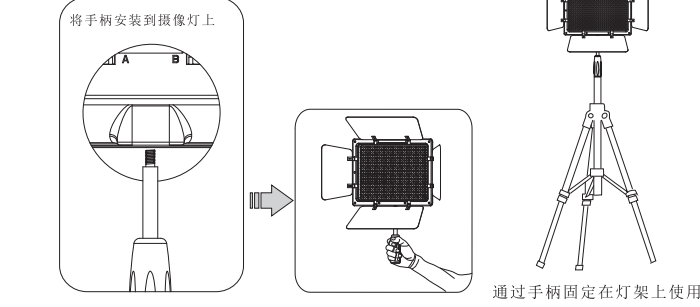
- a、直接固定在三脚架上使用



- b、可选配多功能D型灯座固定摄影棚、灯架、三脚架上使用。

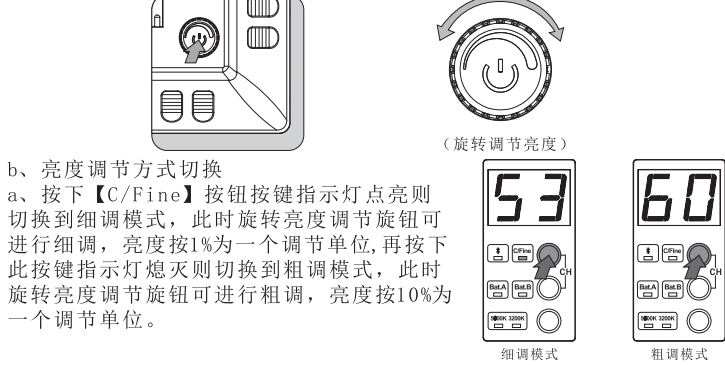


- c、通过附带的手柄手持使用。



- 3、开关机及亮度调节

- a、按电源开关，LED摄像灯点亮，向右旋转增加亮度，向左旋转减小亮度。

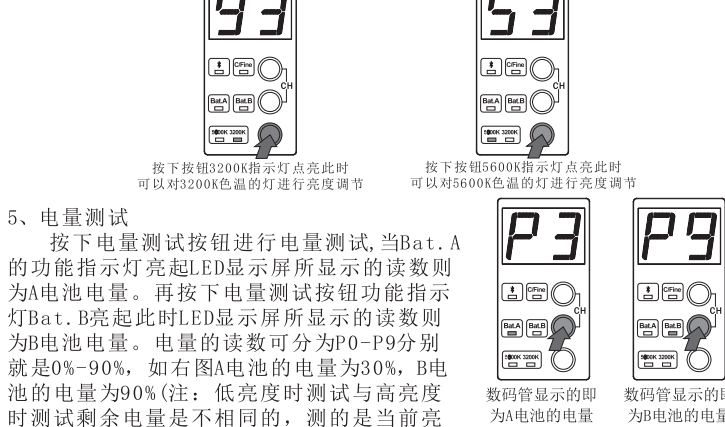


- b、亮度调节方式切换

a、按下【C/Fine】按钮按键指示灯点亮则切换到细调模式，此时旋转亮度调节旋钮可进行细调，亮度按1%为一个调节单位，再按下此按键指示灯熄灭则切换到粗调模式，此时旋转亮度调节旋钮可进行粗调，亮度按10%为一个调节单位。

- 4、色温调节

按下3200K/5600K按钮可以对色温进行切换,通过改变两者之间的亮度比例得到3200K至5600K之间的色温。按下此当指示灯在3200K上点亮时则此时旋转亮度调节旋钮就可以对3200K色温的灯进行调节；再按一下此按钮指示灯切换到5600K上点亮此时旋转亮度调节旋钮就可以对5600K色温的灯进行调节。

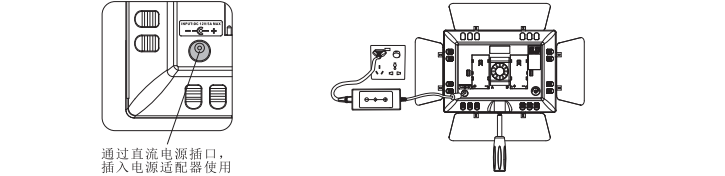


- 6、频道切换

同时按下粗/细调切换按钮和电量测试按钮，可切换遥控接收频道，显示屏上出现H1到H8，如图所示摄像灯频道为H2，将遥控器频道调至CH2此时遥控器就可以调节摄像灯。如您购买多台此型号的摄像灯，可以分组控制亮度与开关，最多可分8组。

- 7、外接电源供电

可选配永诺电源适配器，以获得摄像灯的长时间工作。当使用外接电源时，摄像灯将自动切断电池供电且不对电池充电。电源接口为内正外负，输入电压为12伏，电流为5安。注：如使用其他电源适配器造成的产品故障，不予保修。

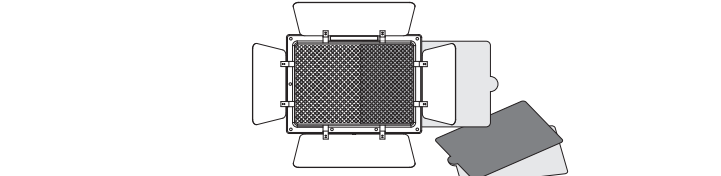


- 8、风扇散热

本产品采用散热扇智能散热，有效解决LED发热问题，光衰更小，寿命更长。风扇运行自动控制，为保证产品的使用寿命，不能强行关闭风扇运行，并且保证进风口与散热孔通畅无堵塞。

### 四、更换色温板

本产品附带2块色温板，从产品侧面色温片卡槽插入即可使用，满足您在不同的环境下使用。



### 五、遥控调光模式

产品附带的无线遥控器可以调节本产品的亮度及开关，遥控距离可达15米。

### 六、手机APP遥控

本产品支持手机APP遥控摄像灯,可以从永诺官网下载或通过扫描彩盒二维码点击下载，手机APP将不间断更新,请关注永诺官网手机APP最新版本信息，以获得更好的遥控体验。

### 七、产品规格

光源	600颗LED灯珠	光照角度	55°
色温	3200K-5600K	遥控距离	小于15米
输出功率	36瓦	遥控器	2.4G
流明值	4650LM	手机遥控	蓝牙4.0
平均寿命	50000小时	适用电池	2个NP-F系列锂电池
重量	1326克	外接电源	12伏5安直流电源
		体积	260*188*40毫米
所含物品：摄像灯（1）、遥控器（1）、支架（1）、说明书（1）、色温板（2） 注：如有缺失请与经销商联系			

### 八、故障分析及排除

故障	原因	处理方法
打开电源开关完全无反应	电池电量不足	使用新电池或外接电源使用
	电路板损坏	返厂维修
亮度不足，调至最亮仍然很暗	电池电量不足	使用新电池或充电后使用
测试电量不准确，调高亮度时显示低电量，调低亮度后电量又满格了	电池电量测试所指示的是，当前亮度下能使用的时间长短。调高亮度后，需要的电量更多，所使用的时间变短，故电量显示变少了	属于正常现象，无需处理
无法遥控摄像灯	距离太远	遥控的距离在15米内
	遥控器与摄像灯不在同一频道上	参照说明书“频道切换”重新设置频道
散热风扇有时工作，有时停止工作。	散热风扇为摄像灯自动控制，不能手动关闭或开启。	属于正常现象
遥控器上面指示灯亮度变暗	电池电量不足	更换2个AAA电池
显示屏闪烁显示E1	外接电源电压过高	请正确使用外接电源，过高的电压将会永久性损坏摄像灯，且无法保修。本摄像灯支持输入电压为12伏，电流大于或等于5安。建议使用本摄像灯选配的电源适配器，可到经销商处选购。

本手册中的功能是依据本公司的测试条件获得，设计和规格如有变更，恕不另行通知。

深圳市永诺摄影器材股份有限公司

地址：深圳市坪山区坑梓街道深福保现代光学厂区A座

电话：（86）0755-83762448

传真：（86）0755-83762765

网址：www.hkyongnuo.com

生产地址：深圳市坪山新区坑梓街道锦绣中路14号

深福保现代光学厂区A栋厂房

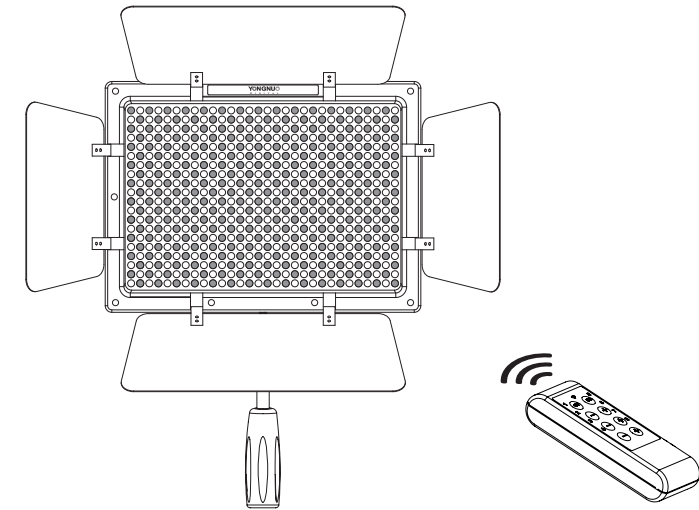
售后电话：400-001-3888



## YN600L II

### Pro LED Video Light

### User Manual

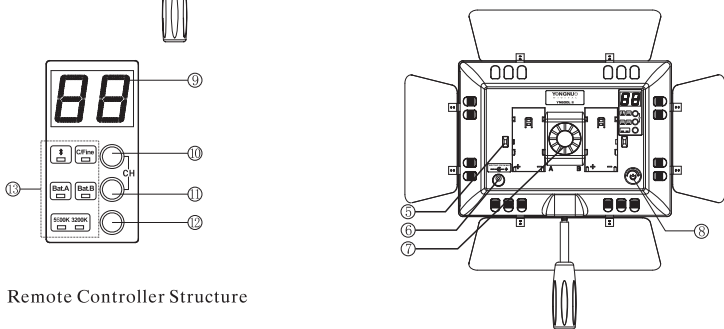
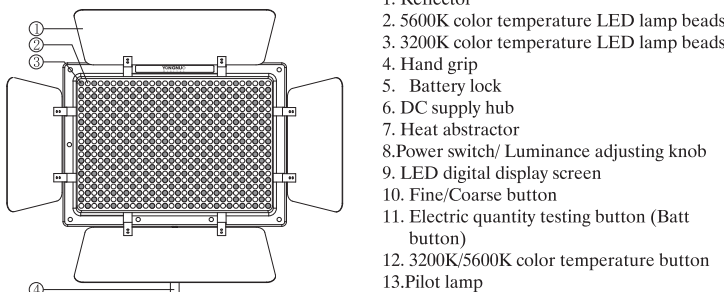


Before using this product, please read this user manual carefully and keep it properly for reference.

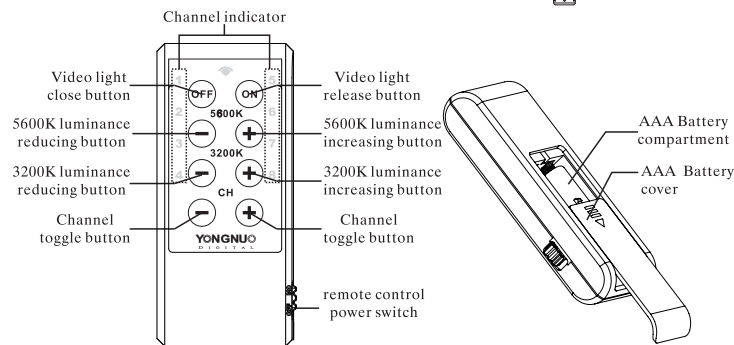
#### Overview

First of all, thank you for using the YONGNUO YN600L II LED video light. This video light is formed by 300 lamp beads with 3200K color temperature and another 300 lamp beads with 5600K color temperature. The lamp beads of extra-large luminous chips, with higher brightness in same energy consumption; The color temperature can be adjusted from 3200K to 5600K, with more practical use; in addition, it adopts the latest LED driving technology, definitely not appear the corrugated, stroboscopic and other negative phenomena when shooting; it adopts the encoder digital dimming mode, thus the video light can be dimmed accurately and reliably; built-in 2.4G wireless remote control system; equipped with 8 channels grouping function; besides, it can be remote controlled or mobile wireless remote control, group control the brightness and other powerful function of the LED video light.

#### I. Product Structure



#### Remote Controller Structure



#### II. Function Introduction

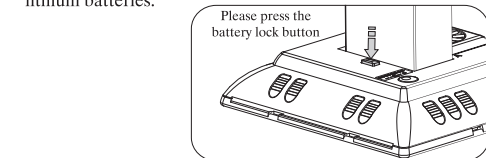
- YN600L II is equipped with multi channel wireless remote controller which is used to adjust the luminous intensity and control the switch of YN600L II. Furthermore, it is very convenient to use this controller to control the luminous intensity and the switches of 8 groups of video lights.
- A mobile APP is provided on our official website. With this mobile APP, you can control this LED video light with your mobile phone, read the current parameter of the luminous intensity and channel, and, control the luminous intensity and the switches of 8 groups of video lights individually. You can control your LED video light as needed.
- YN600L II is formed by 300 lamp beads with 3200K color temperature and another 300 lamp beads of extra-large luminous area with 5600K color temperature. In the same energy consumption, the luminous intensity of the lamp beads of YN600L II is greater. For the color temperature can be adjusted from 3200K to 5600K, YN600L II is more practical.
- YN600L II adopts YONGNUO proprietary LED driving technology which does great help to effectively avoid corrugation and stroboscopic flash.
- YN600L II adopts encoder digital dimming system, including coarse tuning mode and fine tuning mode.
- On the LED digital display screen of YN600L II, the parameter of the power output is intuitional.
- Shooting for long time is possible because YN600L II supports external DC power input (power adapter is optional).
- The fan forced heat dissipation YN600L II adopts solves the heating problem after the long use of LED video light.
- YN600L II equipped with 2 pieces of color temperature filters, can be used under different circumstances.

#### III. Method of Application

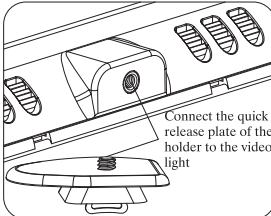
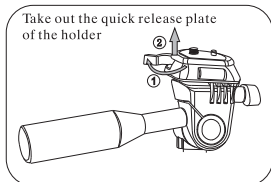
- Battery Installation
  - When the lithium battery is mounted, the battery should be mounted to the card groove according to the arrow direction; when installed a battery, 300 LED lamp beads can be lighted, other functions can be normally used; when installed two batteries, 600 LED lamp beads can be lighted. (Note: install one battery can not adjust the color temperature, can only separate light the 3200K color temperature of lamp bead or the 5600K color temperature of lamp bead)

Note: NP-F series battery is applicable, please remove the battery when not in use.

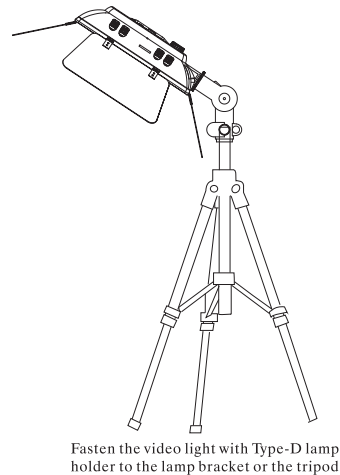
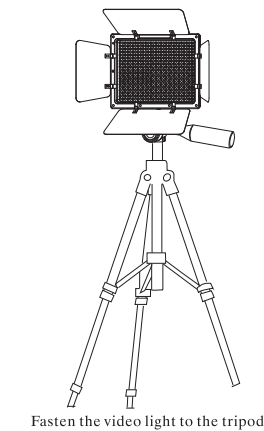
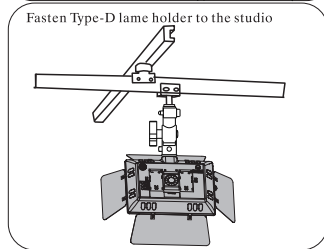
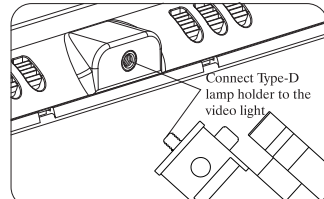
- When removing the lithium batteries, please press the battery lock and then take out the lithium batteries.



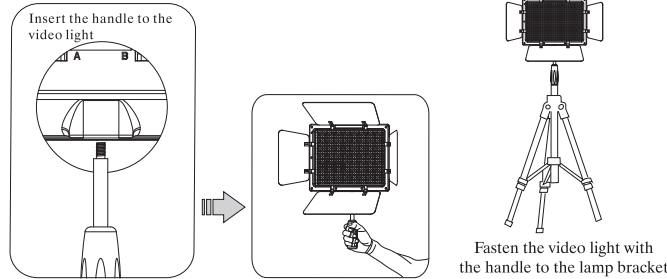
- Fasten Video Light As Follow As Needed:
  - Fasten the video light to the tripod directly



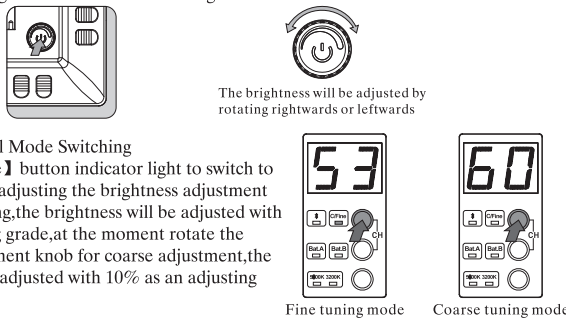
- Multifunctional Type-D lamp holder is an optional choice for fixing the video light to the film studio, light stand, tripod.



- Fasten the video light to the handle attached



- Start up & Shut down and Brightness adjustment
  - When pressing the power switch button, the LED video light will light up; rotate this button rightwards the brightness of the LED video light will increase while leftwards will reduce.



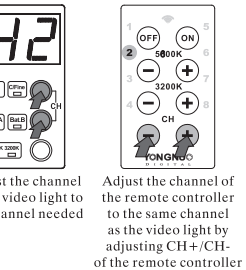
- Brightness Control Mode Switching  
Press the 【C/Fine】 button indicator light to switch to fine tuning mode, adjusting the brightness adjustment knob for fine tuning, the brightness will be adjusted with 1% as an adjusting grade, at the moment rotate the brightness adjustment knob for coarse adjustment, the brightness will be adjusted with 10% as an adjusting grade.

- Color Temperature Adjustment  
Press 3200K/5600K button to adjust color temperature and acquire the color temperature between 3200K and 5600K by changing the proportion of the intensity. The indicator light lights up at 3200K by pressing 3200K/5600K button, and the light of 3200K can be adjusted by rotating the intensity adjusting knob. By pressing 3200K/5600K button again, the indicator light will lights up at 5600K, and the light of 5600K can be adjusted by rotating the intensity.



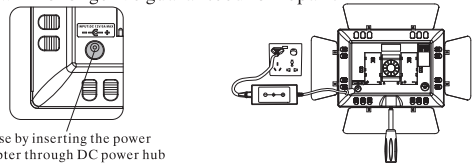
press the button the indicator light bright on the 5600K, rotate the brightness adjustment knob to adjust the light of 5600K color temperature

- Battery Electricity Quantity Test  
Press the battery electricity quantity test button to test the electric quantity, when the pilot lamp of Bat.A light up, the LED display screen shows the battery level for battery A. Press the battery electricity quantity test button again when the pilot lamp of Bat.B light up, the LED display screen shows the battery level for battery B. The power readings between P0-P9 means 0%-90% of the battery level. For example, the battery level is 30% as the right picture battery A shown, the battery level of battery B is 90% (Note: the rest electric quantity of test when the brightness is low is different from that of the test when the brightness is high, the service life is tested under the current brightness).



- Channel Switch  
Press the coarse/fine tuning switching buttons and battery test button at the same time can switch the remote receiving channel, the display screen appears H1 to H8, the channel of LED video light is H2 as the picture shown. Switch the remote control channel to CH2, then the remote controller can adjust the LED video light. If you have multiple this type of the LED video light, it could be grouped control the brightness and switch, maximum can be divided into 8 groups.

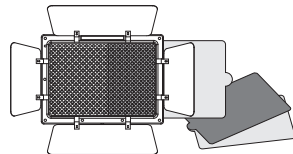
- External Power Supply  
It is recommended to use YONGNUO power adapter with YN600L II to obtain lasting service time. When using external power supply, the video light will stop the battery power supply automatically and will not get the battery charged. The external power supply interface outside is positive and the interface inside is negative. The input voltage is 12V and the electric current is 5A. Note: If YN600L II defective when it is used with power adapter of other brands, YN600L II will no longer be guaranteed for repair.



- Fan Heat Dissipation  
YN600L II adopts intelligent fan heat dissipation, which is effective to emit the heat of LED video light after long time use, reduce lumens depreciation and extend service life. The fan runs automatically. To ensure the service life of YN600L II, please do not force the fan stop running, and keep the way between the air intake and the heat dissipation hole clear and unblocked.

#### IV. Color Temperature Filters

YN600L II comes with two pieces of CT filters. Simply insert the CT filters into the side slot to meet your requirement in different circumstances.



#### V. Remote Dimming Mode

The wireless remote controller attached can adjust the luminous intensity and control the switches of YN600L II. The maximum remote controlling distance is up to 15 meters.

#### VI. 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, Mobile phone APP will be updated continuously. Please pay attention to YONGNUO official website for latest version of APP to get better remote control experience.

#### VII. Product Specification

Light Source	600 LED beads	Luminance Angle	55°
Color Temperature	3200K-5600K	Control distance	<15M
Output power	36W	Remote control	2. 4G
Lumen	4650LM	Mobile control	Bluetooth 4.0
Average Service Life	50000H	Compatible batteries	Two NP-F750 series lithium batteries
Weight	1326g	External power source	12V 5A DC power supply
		Size	260*188*40MM
Contents: Video light(1), Remote controller(1), Bracket(1), User manual(1), Color plates(2), Note: Should anything missing please contact your dealer			

#### VIII. Failure Analysis and Troubleshooting

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

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
	Remote control and LED light are on different channels	pls refer to User Manual to reset channel
The cooling fan sometimes works and sometimes stops working.	The cooling fan is automatically controlled by the LED video light, which cannot be manually turned on and off.	Normal phenomenon
The pilot lamp on the remote controller is dimming	Low battery	Replace two AAA batteries
Screen display E1	The external power supply voltage is too high.	Please use the external power properly because the high voltage will permanently damage the video light and unable to get guarantee repair. The video light supports input voltage of 12V, the electric current of greater than or equal to 5. Recommend for using the optional special power adapter for the video light, which can be purchased from the dealers.

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