

Godox 神牛



Flexible LED Light
柔性LED灯
FL系列

Model: FL150S
FCC ID: 2ABYN004

深圳市神牛摄影器材有限公司
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705-FL0000-00 Made In China

FC CE RoHS

Chinese English Bilingual | 中英文双语

Instruction Manual | 说明手册

一、前言

感谢您购买神牛产品!

柔性LED灯FL系列如软布一样可按需塑形, 轻巧便携。亮度、双色温自由调节, 适用于各类拍摄场景。四种型号可选: FL60 (30x45cm)、FL100 (40x60cm)、FL150S (60x60cm)、FL150R (30x120cm)。

产品有以下亮点:

- 光效均匀柔和, 亮度、色温可调
- 体积小巧但功率强大, 适用于各种狭小空间
- 可按需卷曲成任意形状或多灯拼接使用, 打造更多创意光效
- 433MHz无线6组16频道分组控制&手机APP蓝牙无线控制
- 锂电池供电或DC电源供电
- 操作简单, 轻巧便携

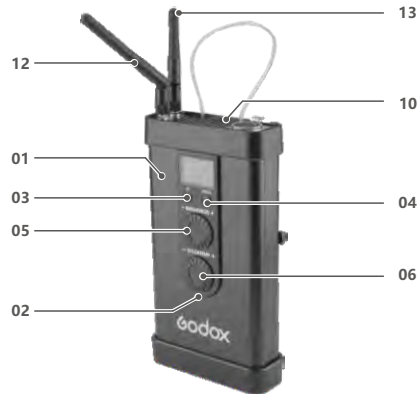
⚠ 警告

- ⚠ 请保持干燥:请勿用湿手接触产品, 亦不可将产品浸入水中或暴露于雨中。
- ⚠ 请勿私自拆卸产品, 如产品出现故障须由本公司或授权的维修人员进行检查维修。
- ⚠ 请勿让儿童接触本产品。
- ⚠ 本产品不能防水, 在雨天及潮湿环境下请注意防水。
- ⚠ 请勿放置在超过50度的高温环境中。
- ⚠ 请勿在化学品、可燃性气体或其他特殊物质附近使用闪光灯, 这些物质在特殊情况下可能对闪光灯发出的瞬间强光敏感, 有可能导致火灾或电磁干扰。在这些场合下, 请注意相关警告标识。

三、控制器部件说明

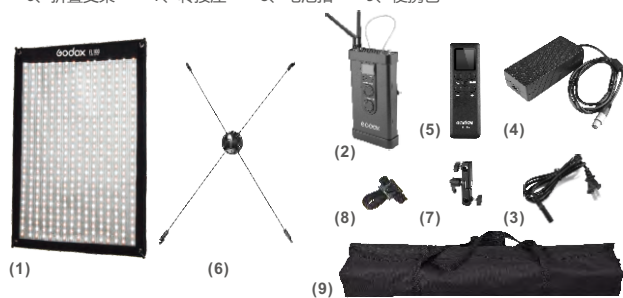
· 主机

- 01、机身
- 02、控制面板
- 03、开关按键
- 04、组别/频道选择按键
- 05、亮度调节旋钮
- 06、色温调节旋钮
- 07、电池插槽
- 08、电源输入端
- 09、输出控制接口
- 10、散热口1
- 11、散热口2
- 12、433M控制天线
- 13、蓝牙控制天线



四、标配物品

- 1、柔性布灯
- 2、控制器
- 3、电源线
- 4、适配器
- 5、RC-A5遥控器
- 6、折叠支架
- 7、转接座
- 8、电池扣
- 9、便携包



五、可选购附件

根据布灯型号配合相关尺寸柔光箱
(需另购)使用, 拍摄效果更佳。

柔光箱型号:

FL-SF3045、FL-SF4060、
FL-SF6060、FL-SF30120



六、布光方式



多灯拼接

随意塑形

七、安装

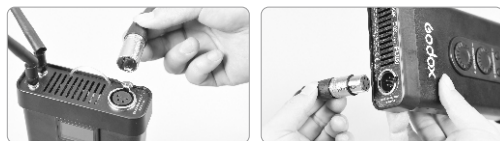
- 1、打开柔性LED灯和折叠支架, 将四根支架分别钩入布灯背面的四角。



- 2、将转接座拧上折叠支架, 装在灯架上。



- 3、将柔性LED灯的端子接入控制盒上部的输出控制接口, 适配器的端子接入控制盒下部的电源输入端。



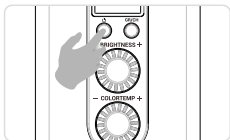
- 4、使用电源线, 连接电源。



八、操作说明

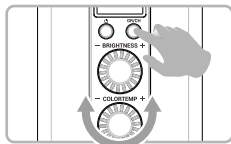
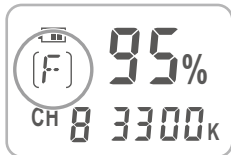
1、开关:

长按控制盒开关按键, LED灯亮, 再次长按LED灯灭。



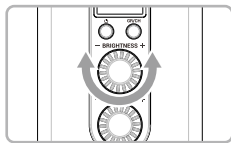
2、无线组别/频道选择:

按一下GR/CH按钮, 频道值被选中, 旋转亮度或色温调节旋钮可调整频道; 再次按GR/CH按钮, 组别值被选中, 旋转亮度或色温调节旋钮可调整组别(旋转时组别值循环出现);再次按GR/CH按钮退出组别频道选择。



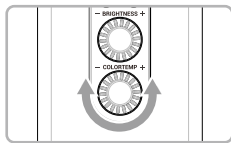
3、亮度调节:

旋转亮度调节旋钮亮度改变, 亮度调节范围10%-100%。



4、色温调节:

旋转色温调节旋钮色温改变, 色温调节范围3300K-5600K。



九、无线控制:433MHz无线和手机APP蓝牙无线控制

1、FL系列柔性LED灯具备无线遥控功能, 使用433MHz无线技术, 无视角限制, 距离远, 可同时分别控制6个LED灯。16组通道频率, 抗干扰强。使用前请把LED控制器和遥控器RC-A5的频率与组别调至一致。

控制器频道/组别调整

- 在常态时, 按GR/CH按钮, 此时频道闪烁, 旋转亮度或色温调节可选择频道(1~16)。
- 在常态时, 按GR/CH按钮2次, 此时组别闪烁, 旋转亮度或色温调节可选择组别(A~F)。

遥控器频道/组别调整

- 在常态时, 按CH/GRP按钮, 此时组别闪烁, 按 "-" "+" 按钮可选择组别(A~F)。
- 在常态时, 按CH/GRP按钮2次, 此时频道闪烁, 按 "-" "+" 按钮可选择频道(1~16)。

遥控器亮度/色温参数调节

- 在常态时, 按 "-" "+" 按钮可对亮度调整。
- 在常态时, 按SET按钮1次, 此时色温值闪烁, 按 "-" "+" 按钮可对色温调整。

注: 控制器在开机状态下才可以接收无线信号。

2、神牛FL系列柔性LED灯还具备手机APP蓝牙无线控制功能, 可同时分别控制6个LED灯。16组通道频率, 抗干扰强。

- 连接蓝牙-在开机状态下, 长按GR/CH按钮, 控制器会显示蓝牙ID号, 打开手机APP "GodoxPhoto", 点击蓝牙选择控制器对应的蓝牙号, 输入密码(原始密码"000000"), 蓝牙连接成功。



- LED控制:具体操作请看手机APP "GodoxPhoto": 设置---帮助---LED



十、产品参数

柔性LED灯	FL150S	FL150R	FL100	FL60
供电DC电源供电	AC100V-240V(50/60HZ)			
	3.5A(DC16.8V 10A)	3A(DC16.8 7A)	2.5A(DC16.8 4.2A)	
锂电池供电	V口电池			
功率	150W	100W	60W	
色温	3300±200K ~ 5600±200K			
100%光照度(LUX)	< 4300 Lux	< 3300 Lux	< 1800 Lux	
暗室,1m距离				
TLCI	≥98			
CRI	> 96			
调光范围	10%-100%			
工作环境温度	-10°C ~ 45°C			
频道	16个			
组别	6组(A、B、C、D、E、F)			
无线遥控距离	<30米			
蓝牙距离	<50米			
产品尺寸	60*60cm	30*120cm	40*60cm	30*45cm
套装重量	3.9kg	4.37kg	3.47kg	2.87kg

*设计和规格如有变更，恕不另行通知。

Foreword







Thank you for purchasing this Godox Product!

FL series Flexible LED Light are suitable for almost all shooting occasions with great portability and easy operation. They are extremely thin and portable like fabric, which can be folded to different shapes. Four models for choice: FL60(30x45cm), FL100(40x60cm), FL150S(60x60cm), FL150R(30x120cm).

Features:

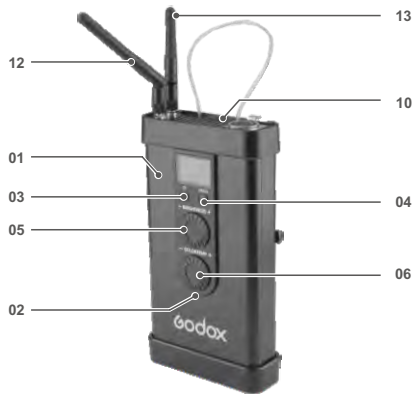
- Soft and even light effects & adjustable light brightness and color temperature.
- Compact and portable body with strong power. Suitable for lighting in small and narrow room.
- Can be folded to different shapes and used together to achieve creative light effects.
- Achieving wireless control by 433MHz grouping system(6 groups & 16 channels) and smartphone APP through Bluetooth.
- Powered by Lithium battery or DC power supply.
- With easy operation, great portability and compatibility.

Warning

-  Always keep this product dry. Do not use in rain or in damp conditions.
-  Do not disassemble. Should repairs become necessary, this product must be sent to an authorized maintenance center.
-  Keep out of reach of children.
-  As this product do not have waterproof function, please take measures of waterproof in rainy or damp environment.
-  Do not use the flash unit in the presence of flammable gases, chemicals and other similar materials. In certain circumstance, these materials may be sensitive to the strong light emitting from this flash unit and fire or electromagnetic interference may result.
-  As this product has built-in lithium battery, do not disassemble, impact, squeeze or put it into fire. If serious bulge occurs, please do not use. Do not use or store the product if the ambient temperature reads over 50°C. Please charge the product with specialized charger and correctly operate it within the defined voltage and working temperate according to the instruction manual.

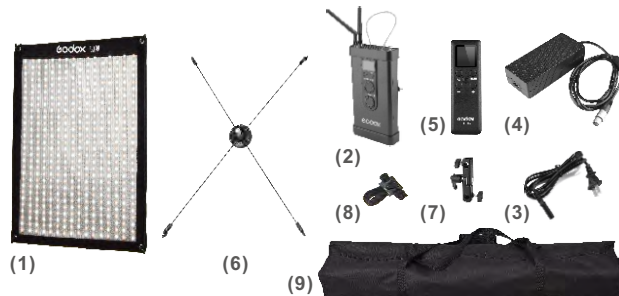
Body

- 01. Main Body
- 02. Control Panel
- 03. Power Switch
- 04. Group/Channel Button
- 05. Select Dial
for Light Brightness
- 06. Select Dial
for Color Temperature
- 07. Battery Compartment
- 08. Power Input
- 09. Output Control Port
- 10. Thermovent 1
- 11. Thermovent 2
- 12. 433MHz Antenna
- 13. Bluetooth Antenna



Included Items

- 1. Flexible LED light
- 2. Controller
- 3. Power cord
- 4. Adapter
- 5. RC-A5 Remote control
- 6. Foldable bracket
- 7. Holder
- 8. Battery buckle
- 9. Portable bag



Separately Sold Accessories

Choose appropriate soft box according to different flexible LED light models.
 Model: FL-SF3045, FL-SF4060, FL-SF6060, FL-SF30120



Using Method



Use in combination

Shaping in different form

Installation

1. Unfold the flexible LED light and stretch the foldable bracket. Then, install the bracket onto the LED light's back.



2. Use a connect holder to install the foldable bracket and flexible LED light on the light stand.



3. Insert the connector of flexible LED light into the Output Control Port (on the top) of the controller while insert the connector of adapter into the Power Input (on the bottom).



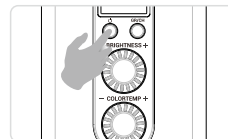
4. Connect the power source with power cord.



Operation

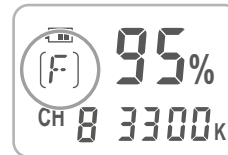
1. Power on/off:

long press the Power Switch to power the LED light on or off.



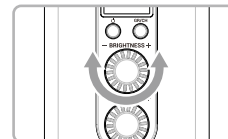
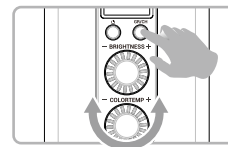
2. Choose group/channel:

press GR/CH button for once, and turn the Select Dial for Light Brightness or Color Temperature to change the channel value. Then, press GR/CH button again, and turn the Select Dial for Light Brightness or Color Temperature to change the group value. Press GR/CH button to exit.



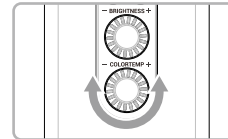
3. Light brightness adjustment:

turn the select dial for light brightness to change the value from 10% to 100%.



4. Color temperature adjustment:

turn the select dial for color temperature to change the value from 3300K to 5600K.



Wireless Control (433MHz wireless & smartphone APP through Bluetooth)

1. With 433 MHz wireless system, this product has remote grouping and control function. Up to 6 groups of flexible LED light can be controlled. 16 channels are available with strong anti-interference capability.
Please set the channels and groups of flexible LED light to the same as those of RC-A5 remote control before usage.

Adjusting Channel/Group of the Controller

- Press the GR/CH button and the channel icon blinks. Turn the select dial for light brightness or color temperature to choose a group ID (A to F).
- Press the GR/CH button twice and the group icon blinks. Turn the select dial for light brightness or color temperature to choose a channel ID (1 to 16).

Adjusting Channel/Group of the Remote Control

- Press the CH/GRP button and the group icon blinks. Press the "-" or "+" button to choose a group ID (A to F).
- Press the CH/GRP button twice and the channel icon blinks. Press the "-" or "+" button to choose a channel ID (1 to 16).

Adjusting Light Brightness/Color Temperature with the Remote Control

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

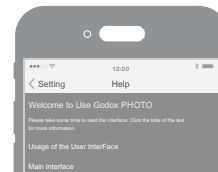
Note: The wireless signal can be received only when the controller is power on.

2. Godox FL series flexible LED light can also be controlled by smartphone APP through Bluetooth with 6 groups and 16 channel.

- Bluetooth connection: power the LED light on and long press the GR/CH button until a Bluetooth ID is displayed on the controller. Then, open the "GodoxPhoto" APP, click the Bluetooth and choose the corresponding Bluetooth ID of the controller. Finally, enter the password (the initial password is "000000"), and the Bluetooth is successfully connected.



- LED control: please find more details in the "GodoxPhoto" APP of smartphone: setting---help---LED.



Technique Data

Flexible LED Light	FL150S	FL150R	FL100	FL60
Power Supply	AC100V-240V(50/60HZ)			
DC Power Supply	3.5A(DC16.8V 10A)	3A(DC16.8 7A)	2.5A(DC16.8 4.2A)	
Lithium Battery	V-port battery			
Power	150W	100W	60W	
Color Temperature	3300±200K~5600±200K			
100% Light Brightness (LUX)(darkroom, 1m)	< 4300 Lux	< 3300 Lux	< 1800 Lux	
TLCI	≥ 98			
CRI	> 96			
Light Brightness Range	10%-100%			
Operation Temperature	-10°C~45°C			
Channel	16			
Group	6 group (A, B, C, D, E, F)			
Wireless Remote Control Distance	<30m			
Bluetooth Distance	<50m			
Dimension	60*60cm	30*120cm	40*60cm	30*45cm
Net Weight (only the main light body)	3.9Kg	4.37Kg	3.47Kg	2.87Kg

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.

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.

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