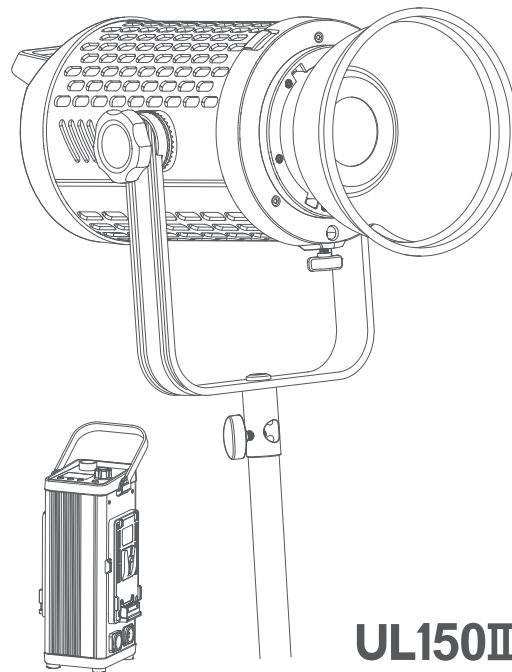




Godox



Wechat
Official Account
神牛微信公众号

深圳市神牛摄影器材有限公司

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www.godox.com

Made in China | 705-U152BY-00



UL150II Bi

双色温静音LED摄影灯
Bi-color Silent LED Light

说明手册
Instruction Manual

Safety Instructions and Attentions

First of all, as the most basic principle: This product is a professional lighting set equipment and should be used by professional lighting engineers or under the guidance of professionals. Basic safety attentions must always be followed during use, as follows:

1. Before use, please read and understand these instructions and attentions.
2. Professional lighting is prohibited for children. When children are near, parents or accompanying persons must supervise closely to prevent children from personal injury due to collision with lamps or private use of lamps.
3. This lighting product is not ordinary lighting product and cannot be used for general lighting. Anyone who has suffered eye damage or has sensitive eyes should avoid using this product.
4. When the lamp is on, it must be used with care. Do not touch high-temperature parts, such as LED lamp beads, to avoid burns.
5. When the lamp is on, it is forbidden to look directly at the lamp beads under any circumstances. Strong light should be used under the guidance of professional lighting engineers. Avoid prolonged exposure to strong light under any circumstances. If eye discomfort, please turn off the lamp in time, suspend use, and see a doctor immediately.
6. If the lamp bead is damaged or deformed by heat, stop using this equipment, and contact the manufacturer, service agent or qualified maintenance personnel to replace the lamp bead in time to avoid accidents.
7. This product is only suitable for use in -20°C to 40°C operating environment and normal humidity environment.
8. Do not use damaged equipment or accessories, and wait for professional maintenance personnel to check and repair to confirm being normal before use.
9. During using, if the casing of this product is broken due to being dropped, squeezed or subjected to strong impact, please do not use it, so as to avoid electric shock injury due to contact with internal electronic components.
10. If an extension cord is required, please use an extension cord with a current rating greater than or equal to that of the equipment. If an extension cord is rated less than the equipment, overheating may result.
11. Some products have long power cords, please place the power cords properly and keep them in a safe place. Avoid contacting the power cord with overheating surfaces, avoid improper placement that could cause pulling damage, or trip on-site personnel. Please use the certified power cord from the original manufacturer. If the product is damaged by using a non-certified power cord, it will not be repaired by our factory.
12. Be sure to unplug equipment from the power outlet before cleaning and repairing. When not in use, do not pull the power cord to unplug the equipment. For normal power-off, please hold both ends of the plug of the equipment with your hands and pull the plug out of power outlet. This equipment needs to be connected to a grounded outlet.

13. This equipment is not waterproof, please keep it dry and do not immerse it in water or other liquids. The equipment should be installed in a dry and ventilated place, and avoid using it in rainy, humid, dusty or overheated environments. Do not place any objects on the lamp or let liquid flow into the lamp to avoid accidents.
14. Do not disassemble the product without permission. If the product fails, it must be checked and repaired by authorized maintenance personnel.
15. Before storing, make sure that the equipment has cooled down completely. For storage, unplug the power cord from the equipment. The equipment should be placed in the carrying case or in a ventilated dry place.
16. Do not place equipment near flammable and volatile solvents such as alcohol and gasoline.
17. Do not use accessories that are not recommended by our factory to avoid fire, electric shock or personal injury.
18. When cleaning, do not wipe it with a damp cloth, please use a dry cloth or a soft cloth to wipe the dirt of the equipment.
19. Please take off the protective cover before using.
20. This product complies with ROHS, CE, and FCC certification, please refer to the relevant national standards for use and operation.
21. The safety instructions are formulated according to the strict testing of the factory, and the design and specifications of the equipment are subject to change without prior notice. For latest product information, please check the GODOX website and view latest electronic instruction.
22. Some products have built-in lithium batteries. Please use specified chargers, and use them within a proper range of the specified voltage and temperature according to the correct operating instructions.
23. Some products are battery powered. Do not use any batteries, power sources or accessories not specified in the instructions for such products. Keep batteries and other accessories out of the reach of children and infants. In the instance that a child or infant swallows a battery or accessory, immediate emergency medical attention is required. If the battery leaks, becomes discolored, deformed, emits smoke, or emits an abnormal odor, remove it immediately. Be careful during removal to avoid burns. Continued use could result in fire, electric shock, or burns. Do not use any deformed or modified batteries. Do not disassemble or modify this product or battery. Do not heat or solder the battery. Keep the battery away from fire or water. Do not incorrectly insert the positive and negative ends of batteries, or mix old and new batteries or batteries of different types together.
24. One-year warranty period, accessories such as consumable batteries, adapters, power cords, etc. are not covered by this warranty.
25. If it is found that the equipment is repaired without authorization, the one-year warranty period will be cancelled and relevant fees will be charged for maintenance.
26. Machine failures caused by non-standard operation are not covered by the warranty.

keep these instructions!

Foreword

Thank you for purchasing!

Silent LED Video Light UL150IIBi is fanless design and noise-free. The separate light body and controller are conveniently operational. Stable light source creates high CRI and wide CCT range brings great performance. It supports Bluetooth APP wireless group control and stepless brightness adjustment. This product is suitable for various shooting scenes such as live streaming, video recording, interview and etc.

Main Features

Fanless and noise-free, stable full power output.

Strong power and stable light source, support stepless brightness adjustment.

Wide CCT range can be precisely adjusted from 2800K to 6500K.

V-mount battery supply or AC power supply, available both indoors and outdoors.

Separated design of light body and controller achieves convenient operation and better cooling effect.

Support 2.4G remote control/Bluetooth APP control/DMX512 control.

U-bracket to support various angle usage.

21 simulated light effects bring rich lighting creations.

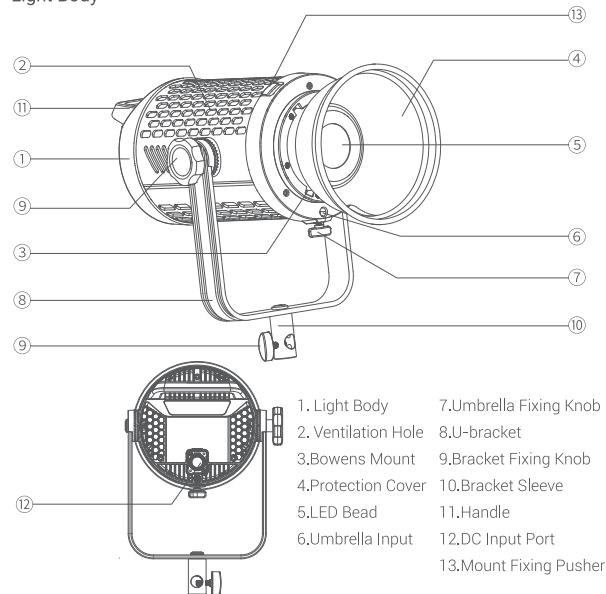
Standard Bowens mount is compatible with most optical accessories.

Warning

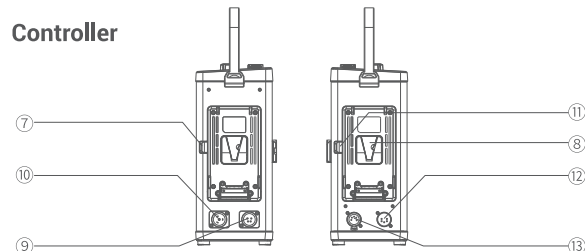
- ⚠ Keep out of reach of children.
- ⚠ Please take off the lamp cover before using.
- ⚠ Always keep this product dry. Do not use in rain or in damp conditions.
- ⚠ Do not disassemble. Should repairs become necessary, this product must be sent to an authorized maintenance center.
- ⚠ As this product do not have waterproof function, please take measures of waterproof in rainy or damp environment.
- ⚠ Do not fire directly against human eyes as it may cause visual impairment.
- ⚠ Do not leave or store the product if the ambient temperature reads over 40°C.
- ⚠ Please use the original power cable, damages caused by using other cables will invalid the warranty.
- ⚠ Do not use the product in the presence of flammable gases, chemicals and other similar materials.
- ⚠ The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.
- ⚠ The lamp shall be changed if it has become damaged or thermally deformed
- ⚠ The luminaire is intended for professional use only.

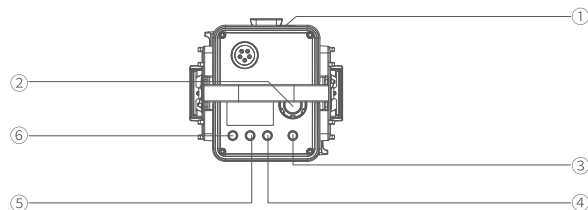
Name of Parts

Light Body



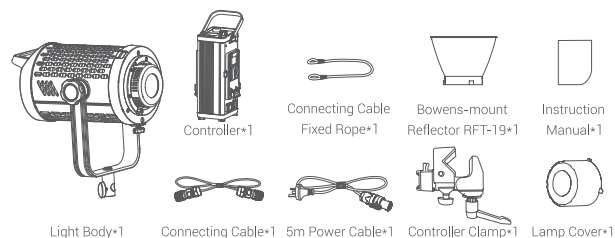
Controller



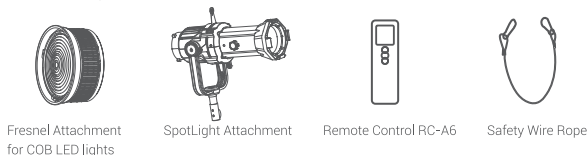


- | | | |
|-----------------------|--------------------------------|----------------------------------|
| 1.USB Type-A Port | 5. /FX Button | 9.AC INPUT Port |
| 2.SET Adjustment Dial | 6.DMX Setting Button | 10.DC 48V Port |
| 3.Power Switch Button | 7.Black Battery Removal Button | 11.Yellow Battery Removal Button |
| 4.MENU Button | 8.V-mount Battery Box | 12.DMX IN XLR Port |
| | | 13.DMX OUT XLR Port |

What's in the Box



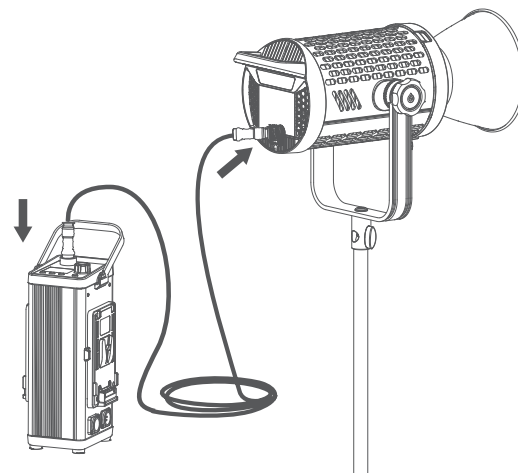
Separately Sold Accessories



Installation and Disassembly Guide

1. Connect the controller and the light body

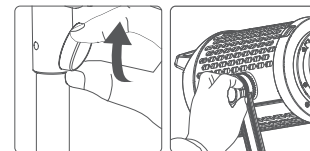
Press and hold the spring latch button of the connecting cable, insert the connecting cable into the DC INPUT Port of the light body, then insert the other end of the connecting cable into the DC OUTPUT Port of the controller to complete the connection.



2. Mount on the tripod

Adjust the light body to a proper angle, rotate the screw of sleeve knob to install the light body on the tripod, then rotate the screw of sleeve knob to fix the light body on the tripod. The inclination angle of the light body could be adjusted by loosening the bracket angle adjustment handle and then screwing down the handle afterwards.

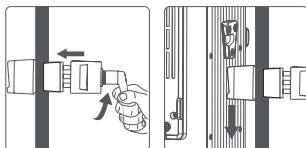
Note: The tripod belongs to separately sold accessories.



3. Mount on the light stand

Loosen the handle of the controller clamp, then insert the light stand and rotate the handle to tighten. Finally, insert the V port of the controller into the clamp slot.

Tip: Press and hold the mount fixing pusher can easily remove the controller.

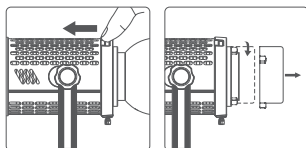


4. Installation and disassembly the protection cover

Installation: Press the Mount Fixing pusher top-down, put the protection cover on Bowens Mount, and rotate clockwise to tighten it.

Disassembly: Press the Mount Fixing pusher top-down, then rotate counter-clockwise to remove it.

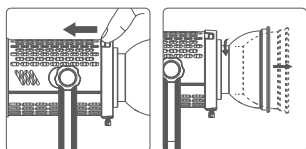
Note: Make sure to remove the protection cover before use to avoid overheating damage. Put on the protection cover to protect the lamp when not in use.



5. Installation and disassembly the standard reflector

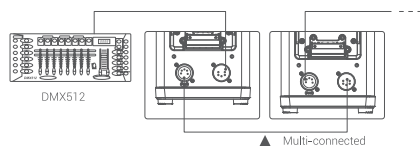
Installation: Press the Mount Fixing pusher top-down, put the reflector on Bowens Mount, and rotate clockwise to tighten it.

Disassembly: Press the Mount Fixing pusher top-down, then rotate counter-clockwise to remove it.



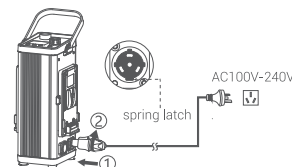
Connect to DMX Controller

The connecting operation diagram of Controller and DMX Controller is as follows:



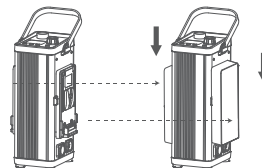
Power Supply

1. AC Power Supply



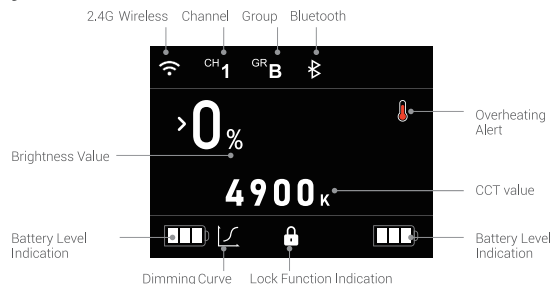
Note: Please press the latch button when installing or disassembling the power cable and connecting cable.

2. V-mount battery power supply



Note: The light can be supplied by 14.8V or 26V V-mount battery. Only the side with yellow battery removal button supports unilateral power supply. When it is powered by two batteries and one of which is low, the device still can't work normally even if the other one is full. The corresponding battery icon will blink in low battery mode. It is recommended to check whether both batteries have sufficient power when using two batteries.

Display Screen



Controller Operation Instruction

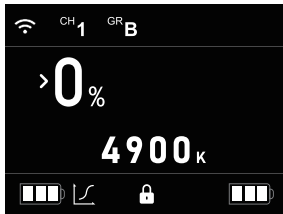
1. Turn On/Off

Press the controller Power Switch Button for 1 second after connecting to the power supply to turn on or off.



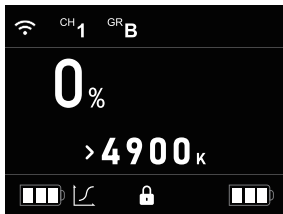
2. Brightness Adjustment

Short press the SET adjustment dial on the main interface to make the arrow aimed at the brightness value, then turn it to adjust brightness from 0% to 100%. Rotate clockwise to increase brightness, and counterclockwise to decrease brightness. The brightness will increase or decrease by 1 unit in normal rotation speed; and increase or decrease by 10 unit in rapid rotation speed.



3. CCT Adjustment

Short press the SET adjustment dial on the main interface to make the arrow aimed at the CCT value, then turn it to adjust the CCT from 2800K to 6500K. The CCT value will increase or decrease 100K in normal speed and 500K in fast speed.



4. Menu Setting

Short press < MENU > Button to enter the menu interface, displayed in order with Wireless, Bluetooth, DMX, Dimmer, Screen Bright, Language, Reset, Version & Upgrade. Turn and short press the SET adjustment dial on the menu interface to select and enter the corresponding setting options interface.

4.1 Wireless

The Wireless interface is displayed in order with Wireless Switch, Channel, Group and ID. Short press & turn the SET adjustment dial to complete the settings of Wireless Switch, Channel, Group and ID.

Wireless

WIRELESS : OFF

CH : 01

GR : 1

ID : 01

4.2 Bluetooth

The Bluetooth interface is displayed in order with Bluetooth Switch, Reset and MAC Code.

Short press & turn the SET adjustment dial to complete the settings of Bluetooth Switch and Bluetooth Reset.

Bluetooth

BLUETOOTH : ON

RESET : NO

MAC : F463

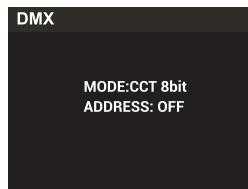
For more smartphone APP operations, please open the "help" in "GodoxLight" APP to gain detailed guidance (both Android and IOS systems are available).

Note: the APP can be used directly on the firstly installed device (smartphone or tablet). When changing to other mobile device, the light shall be reset before the normal usage of APP.



4.3 DMX

The DMX Setting interface is displayed with Mode and Address. Short press the SET adjustment knob to choose between mode and address, then turn it to set mode and address.



DMX Practical Form

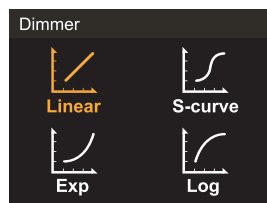
Address Code	Operating Mode	ULTIMATE 8bit		Note
n	(Mode)	0-51 (CCT)	52-255 (FX)	
n+1		DMX*(100/255) Integer 0-100% Brightness Adjustment	DMX*(100/255) Integer 0-100% Brightness Adjustment	
n+2		CCT=28+DMX*(Total CCT/255) CCT 2800K-6500K	DMX*(Total FX/255)	1. For example: Total FX 8, DMX=160, FX No.=160*8/255=5
n+3			0-85: FX Level I 86-171: FX Level II 172-255: FX Level III	

Address Code	Operating Mode	CCT 8bit	
n		DMX*(100/255) Integer 0-100% Brightness Adjustment	
n+1		CCT=28+DMX*(Total CCT/255) CCT 2800K-6500K	

Address Code	Operating Mode	FX 8bit	
n		DMX*(100/255) Integer 0-100% Brightness Adjustment	
n+1		DMX*(Total FX/255)	
n+2		0-85: FX Level I, 86-171: FX Level II, 172-255: FX Level III	

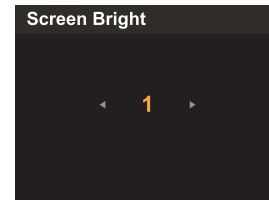
4.4 Dimmer

Turn the SET adjustment dial on the Dimmer interface to choose linear/S-curve/exponential/logarithmic dimming curve.



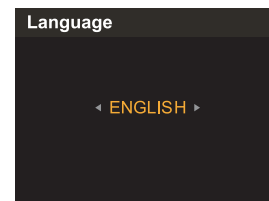
4.5 Screen Bright

Turn the SET adjustment dial on the screen bright setting interface to choose 1, 2, 3 levels of screen brightness.



4.6 Language

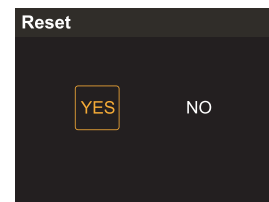
Turn the SET adjustment dial on the Language interface to choose English or Simplified Chinese.



4.7 Reset

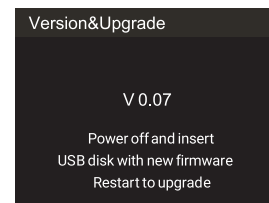
Turn the SET adjustment dial on the Reset interface to choose "Yes" or "No" and short press to confirm. If you choose "Yes", the system will initiate resetting program and resetting progress bar is displayed on the screen, after which it will return to the main interface.

Note: The brightness will change to 100% after resetting.



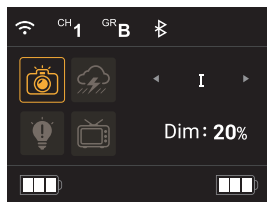
4.8 Version & Upgrade

The Version Code displayed on the Version & Upgrade interface is the firmware version of the product.

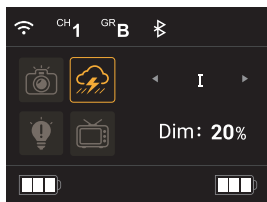


5. Light Effect Setting

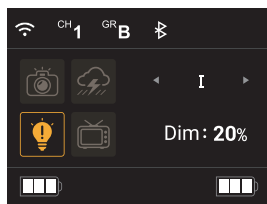
Short press <🔒/FX> button to enter FX light effect interface, turn the SET adjustment dial to choose flash, lightning, broken bulb, TV, candle, fire or firework scenes.



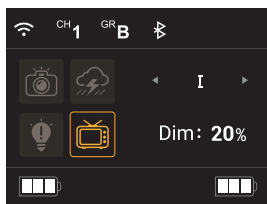
Flash Mode



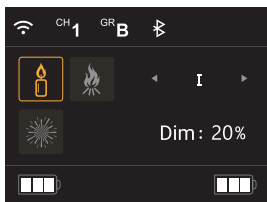
Lightning Mode



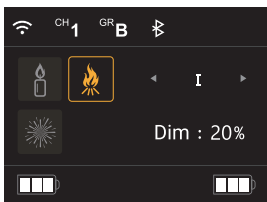
Broken Bulb Mode



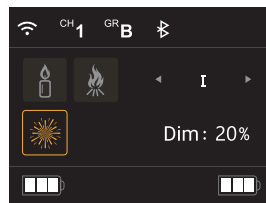
TV Mode



Candle Mode



Fire Mode



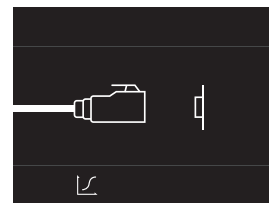
Firework Mode

Note: Short press the SET adjustment dial to change the rate (I、II、III) and adjust brightness (0%-100%) after choosing one of the above Light Effects.

Tips: Long press the <🔒/FX> button to lock/unlock the screen.

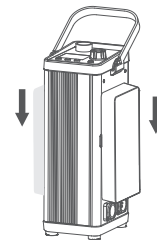
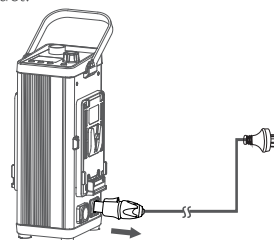
6. Connecting Cable Issue

When the connecting cable is not correctly connected to the light or controller, a separated icon of connecting cable and device is displayed on the panel. Please check the connecting ports of the controller and light.



7. Switch from AC Power Supply to V-mount Battery Power Supply

Unplug the power cable and install V-mount battery then turn on the product.



Note: If you install the V-mount battery before unplugging the power cable, and the brightness value is set higher than the maximum brightness that the battery can be turned on, then you switch to V-mount battery power supply by unplugging the power cable, the light and the controller will automatically power off. The machine can only resume normal operation after reboot.

Maximum Brightness in Different States

CT mode: Maximum Brightness (%)

Power Supply	linear	S-curve	exponential	logarithmic
14.8V(single)	50%	50%	50%	50%
14.8V(double)	100%	100%	100%	100%
26V(single)	100%	100%	100%	100%
14.8V+26V	100%	100%	100%	100%
26V(double)	100%	100%	100%	100%
AC Power Supply/48V DC Power Supply	100%	100%	100%	100%

FX mode: Maximum Brightness (%)

Power Supply	linear
14.8V(single)	50%
14.8V(double)	100%
26V(single)	100%
14.8V+26V	100%
26V(double)	100%
AC Power Supply/48V DC Power Supply	100%

Note: The dimming curve is not adjustable in FX mode, it is linear in default. The above data is based on 26V 270Wh 10.5Ah battery and 14.8V 150Wh 10.2 Ah battery.

Software Upgrade

1. Download the new firmware to the U disk from the official website (<http://www.godox.com.cn/Downloads.html>).
2. Turn off the device. Insert the U disk with new firmware into the USB upgrade port.
3. Turn on the device, and it will automatically enter the upgrading interface.
4. It will return to main interface after completion.

Notes:

1. New firmware must be downloaded from the official website, and keep only one BIN file in the root directory of the USB disk.

2. The USB port can only support firmware upgrade function.

Maintenance

This product, except consumables e.g. adapter and power cable, is supported with a one-year warranty.

Maintenance of the light must be performed by our authorized maintenance department which can provide original accessories.

Unauthorized service will void the warranty.

If the product breaks down or gets wet, please do not use it until repaired by professionals.

If there is anything abnormal during LED light's working, please turn it off immediately and identify the reasons.

Warning

Operating frequency: 2412.99MHz – 2464.49MHz (2.4G only receive) / 2402MHz – 2480MHz (BT)

Maximum EIRP Power: 5.63dBm

Declaration of Conformity

GODOX Photo Equipment Co., Ltd. hereby declares that this equipment are in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. In accordance with Article 10(2) and Article 10(10), this product is allowed to be used in all EU member states. For more information of DoC, Please click this web link:

<https://www.godox.com/eu-declaration-of-conformity/>

The device complies with RF specifications when the device used at 0mm from your body.

Technical Data

Mode	UL150IIBi
Power	Max.155W
AC Power Input	AC100-240V ~50/60Hz
DC Power Input	DC 48V
Light Head Input	39V=3.9A
V-mount Battery (optional)	14.8V, 150Wh/26V, 270Wh
Specifications	
Channel	1~32
Group	16 groups (0~9, A~F)
ID	1~99、OFF
Color Temperature	2800K-6500K
CRI	≥96

TLCI	≥97
Working Environment Temperature	-20~40 C
FX Light Effect	21 kinds within 7 types
Controlling Method	Support DMX512, 2.4G Wireless Control, Bluetooth Control, Controller
Dimming Curve	4 types: linear/S-curve/exponential/logarithmic
Mute Mode	YES
Bluetooth Transmission Distance	≈30m
2.4G Wireless Control Distance	≈60m
Light Body Dimension	316.9*217.8*170mm
Controller Dimension	270.4*123.6*132mm
Light Body Weight	≈3.13kg
Controller Weight	≈2.79kg
Bluetooth Transmission Frequency	2402MHz-2480.0MHz
Maximum Transmit Power	5dbm
2.4G Frequency Range	2412MHz-2464.5MHz

Illuminance Testing Data

CCT	Testing Conditions	Illuminance Unit	1m	2m	3m
2800K	bare lamp	lux	3480	920	470
		fc	324	85.7	43.5
	with reflector	lux	40900	8350	3750
		fc	3800	776	348
3200K	bare lamp	lux	3870	1040	530
		fc	359	968	49.3
	with reflector	lux	46100	9490	4260
		fc	4290	882	396
4300K	bare lamp	lux	4360	1200	608
		fc	405	111	56.5
	with reflector	lux	53000	10900	4190
		fc	4920	1010	457

5600K	bare lamp	lux	4500	1230	623
		fc	418	114	57.9
	with reflector	lux	54700	11200	5040
		fc	5080	1040	468
6500K	bare lamp	lux	4380	1210	613
		fc	407	112	56.9
	with reflector	lux	53900	11000	5000
		fc	5000	1030	464

Note: The above tests are all based on the condition of 100% brightness.

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.

Warranty

Dear customers, as this warranty card is an important certificate to apply for our maintenance service, please fill in the following form in coordination with the seller and safe-keep it. Thank you!

Product Information	Model	Product Code Number
Customer Information	Name	Contact Number
	Address	
Seller Information	Name	
	Contact Number	
	Address	
	Date of Sale	
Note:		

Note: This form shall be sealed by the seller.

Applicable Products

The document applies to the products listed on the Product Maintenance Information (see below for further information). Other products or accessories (e.g. promotional items, giveaways and additional accessories attached, etc.) are not included in this warranty scope.

Warranty Period

The warranty period of products and accessories is implemented according to the relevant Product Maintenance Information. The warranty period is calculated from the day(purchase date) when the product is bought for the first time, And the purchase date is considered as the date registered on the warranty card when buying the product.

How to Get the Maintenance Service

If maintenance service is needed, you can directly contact the product distributor or authorized service institutions. You can also contact the Godox after-sale service call and we will offer you service. When applying for maintenance service, you should provide valid warranty card. If you cannot provide valid warranty card, we may offer you maintenance service once confirmed that the product or accessory is involved in the maintenance scope, but that shall not be considered as our obligation.

Inapplicable Cases

The guarantee and service offered by this document are not applicable in the following cases: ①. The product or accessory has expired its warranty period; ②. Breakage or damage caused by inappropriate usage, maintenance or preservation, such as improper packing, improper usage, improper plugging in/out external equipment, falling off or squeezing by external force, contacting or exposing to the improper temperature, solvent, acid, base, flooding and damp environments, etc; ③. Breakage or damage caused by non-authorized institution or staff in the process of installation, maintenance, alternation, addition and detachment; ④. The original identifying information of product or accessory is modified, alternated, or removed; ⑤. No valid warranty card; ⑥. Breakage or damage caused by using illegally authorized, nonstandard or non-public released software; ⑦. Breakage or damage caused by force majeure or accident; ⑧. Breakage or damage that could not be attributed to the product itself. Once met these situations above, you should seek solutions from the related responsible parties and Godox assumes no responsibility. The damage caused by parts, accessories and software that beyond the warranty period or scope is not included in our maintenance scope. The normal discoloration, abrasion and consumption are not the breakage within the maintenance scope.

Maintenance and Service Support Information

The warranty period and service types of products are implemented according to the following Product Maintenance Information:

Product Type	Name	Maintenance Period(month)	Warranty Service Type
Parts	Circuit Board	12	Customer sends the product to designated site
	Battery	3	Customer sends the product to designated site
	Electrical parts e.g.battery charger, power cord, sync cable, etc.	12	Customer sends the product to designated site
Other Items	Flash tube, modeling lamp, lamp body, lamp cover, locking device, package, etc.	NO	Without warranty

Godox After-sale Service Call 0755-29609320-8062