

## Foreword

P600Bi Hard is the brand new bi-color LED light panel with powerful features and functions such as input power 700W, 100V-240V AC power supply, ultra-high and thousand-bit adjustable brightness, four dimming curves, wide CCT range from 2800K to 6500K, average CRI $\geq$ 96 & average TLCI $\geq$ 96, various wireless controlling methods, and etc. It is suitable for shooting scenes in large film studios, broadcast studios, outdoor exteriors and large field scenes.

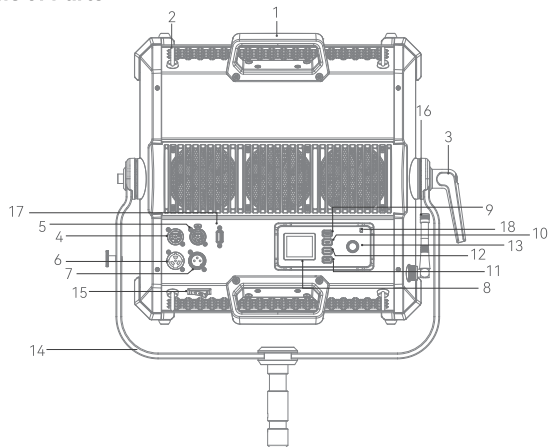
## Main Features

- 600W strong output power in full CCT range.
- Thousand-bit adjustable brightness from 0% to 100% .
- Four dimming curves: linear, S-curve, exponential, logarithmic.
- Wide CCT range adjustable from 2800K to 6500K.
- Various controlling methods: support DMX 512/LumenRadio CRMX/Bluetooth APP/2.4GHz wireless control.
- Efficient heat dissipation system with fans to meet the cooling needs of large LED light.
- 11 FX modes: flash, lightning, cloudy, broken bulb, TV, candle, fire, firework, explosion, welding, SOS.

## Warning

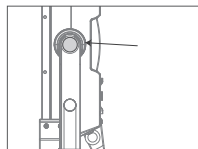
- ▲ Do not look directly at the LED light or illuminate at others' eyes.
- ▲ Do not plug or unplug the power cable or connecting cable when the power is turned on, otherwise personal injuries may occur.
- ▲ Do not cover the heat dissipation vent in working status.
- ▲ Keep out of reach of children.
- ▲ Please make sure to follow the instruction manual and correctly use this professional lighting device.

## Name of Parts

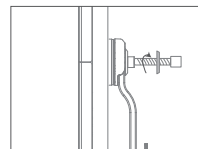


1. Handle	7. DC INPUT Port	13. Adjust Dial
2. Ring	8. Display	14. U-type Bracket
3. Direction Adjust Handle	9. PRESET Button	15. Power Switch Button
4. DMX IN Port	10. LOCK Button	16. CRMX Antenna
5. DMX OUT Port	11. MENU Button	17. USB-A Port
6. AC INPUT Port	12. MODE Button	18. CRMX Indicator

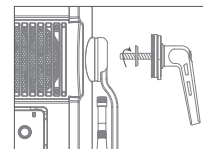
## U-type Bracket Installation



1. Place the light upright, put the plastic pad between the light mounting hole on one side and the U-type bracket mounting hole.



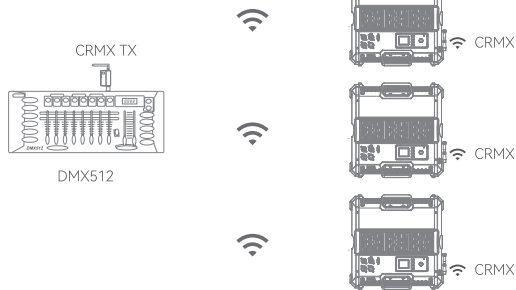
2. Insert the metal pad and screw into U-type bracket mounting hole, then rotate clockwise to tighten it.



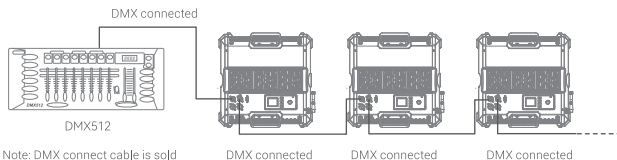
3. Install the other side as well according to step 1 and 2.

## Wireless DMX Controller

### Wireless DMX Connection

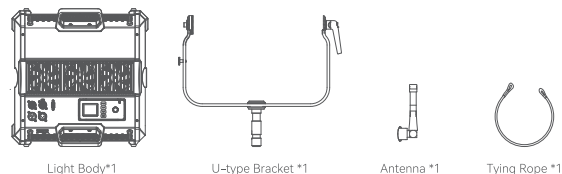


### Wired DMX Connection



Note: DMX connect cable is sold separately.

## What's Inside

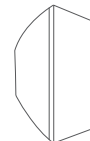


Note: Due to continuous updates and upgrades of the products, there may be differences between the actual products and the pictures. Therefore, the pictures are for reference only, products to prevail in kind.

## Separately Sold Accessories



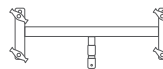
Space light softbox P600BHSS



Rectangular Softbox P600BHS22



Junior Offset Arm HJ02



Junior Multi-Header HJ04

## Power Switch

Toggle the power switch button after connecting to power source to turn on or off the device.

## CCT Mode

Short press the MODE button to switch to CCT mode, Short press the adjust dial to switch between the brightness setting interface and color temperature setting interface.

1. In the brightness setting interface, turn the adjust dial to adjust the brightness ratio from 0% to 100%. Rotate the adjust dial clockwise once can increase the value by 0.1 unit, while rotate counterclockwise once can decrease the value by 0.1 unit. Quick adjustment is also available when rotating quickly.
2. In the color temperature setting interface, turn the adjust dial to adjust the color temperature from 2800K to 6500K. Rotate the adjust dial clockwise once can increase the value by 100 units, while rotate counterclockwise once can decrease the value by 100 units. Quick adjustment is also available when rotating quickly.

99.3%

3200K

## FX Mode

Short press the MODE button to switch to FX mode. Turn the adjust dial to switch among the following effects: flash, lightning, cloudy, broken bulb, TV, candle, fire, firework, explosion, welding, SOS.

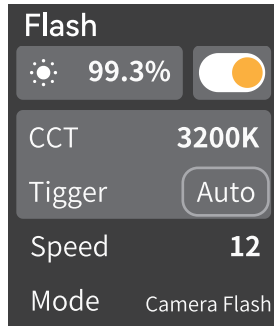
Select the desired effect and short press the adjust dial to enter the effect setting interface, then short press the MODE button to return to the previous menu.



### 1. Flash Effect

In the flash effect setting interface, rotate the adjust dial to select options among dim, switch, CCT, trigger, speed, mode, etc. Short press the adjust dial to select the desired option then rotate to adjust settings (except for the auto and manual options).

Note: Select manual, then the flash effect can be triggered once by short press the adjust dial once.

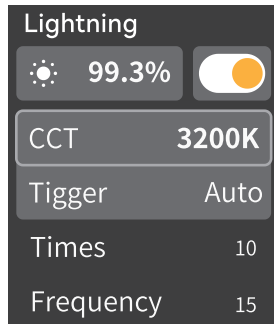


### 2. Lightning Effect

In the lightning effect setting interface, rotate the adjust dial to select options among dim, switch, CCT, trigger, times, frequency, etc. Short press the adjust dial to select the desired option then rotate to adjust settings (except for the auto and manual options).

Note: Select manual, then the lightning effect can be triggered once by short press the adjust dial once.

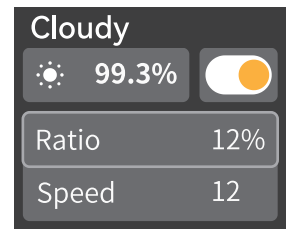
Dim: 0%-100%  
CCT: 2800K-6500K  
Times: Random/1-10  
Frequency: Random /1-20



### 3. Cloudy Effect

In the cloudy effect setting interface, rotate the adjust dial to select options among dim, switch, ratio, speed, etc. Short press the adjust dial to select the desired option then rotate to adjust settings.

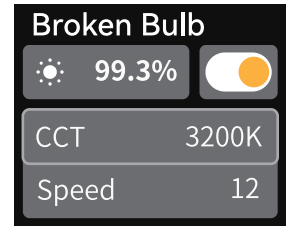
Dim: 0%-100%  
Ratio: 30-90  
Speed: Random/1-100



### 4. Broken Bulb Effect

In the cloudy effect setting interface, rotate the adjust dial to select options among dim, switch, ratio, speed, etc. Short press the adjust dial to select the desired option then rotate to adjust settings.

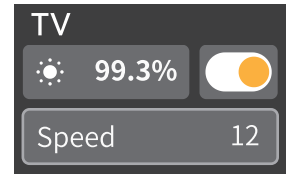
Dim: 0%-100%  
CCT: 2800K-6500K  
Speed: 1-100



### 5. TV Effect

In the TV effect setting interface, rotate the adjust dial to select options among dim, switch, speed, etc. Short press the adjust dial to select the desired option then rotate to adjust settings.

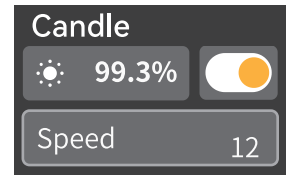
Dim: 0%-100%  
Speed: Random/1-100



### 6. Candle Effect

In the candle effect setting interface, rotate the adjust dial to select options among dim, switch, speed, etc. Short press the adjust dial to select the desired option then rotate to adjust settings.

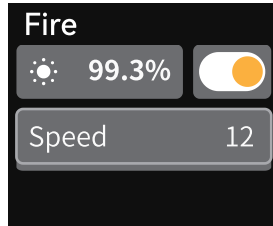
Dim: 0%-100%  
Speed: Random/1-100



## 7. Fire Effect

In the fire effect setting interface, rotate the adjust dial to select options among dim, switch, speed, etc. Short press the adjust dial to select the desired option then rotate to adjust settings.

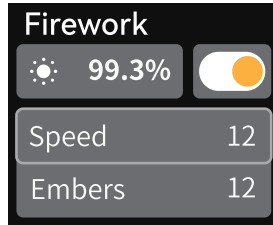
Dim: 0%-100%  
Speed: 1-100



## 8. Firework Effect

In the firework effect setting interface, rotate the adjust dial to select options among dim, switch, speed, embers, etc. Short press the adjust dial to select the desired option then rotate to adjust settings.

Dim: 0%-100%  
Speed: Random/1-100  
Embers: 1-100

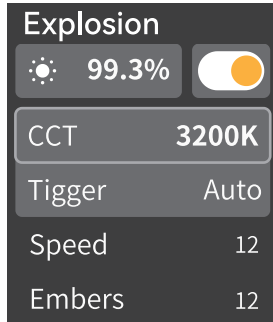


## 9. Explosion Effect

In the explosion effect setting interface, rotate the adjust dial to select options among dim, switch, CCT, trigger, speed, embers, etc. Short press the adjust dial to select the desired option then rotate to adjust settings (except for the auto and manual options).

Note: Select manual, then the explosion effect can be triggered once by short press the adjust dial once.

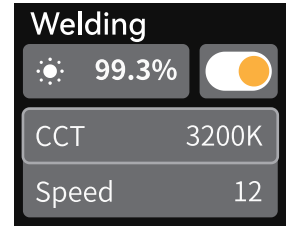
Dim: 0%-100%  
CCT: 2800K-6500K  
Speed: 1-100  
Embers: 1-100



## 10. Welding Effect

In the welding effect setting interface, rotate the adjust dial to select options among dim, switch, CCT, speed, etc. Short press the adjust dial to select the desired option then rotate to adjust settings.

Dim: 0%-100%  
CCT: 2800K-6500K  
Speed: 1-100



## 11. SOS Effect

In the SOS effect setting interface, rotate the adjust dial to select options among dim, switch, CCT, etc. Short press the adjust dial to select the desired option then rotate to adjust settings.

Dim: 0%-100%  
CCT: 2800K-6500K



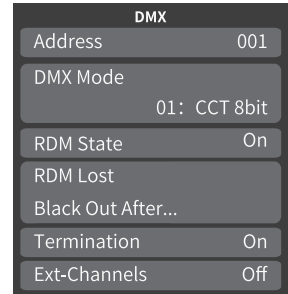
Note: The dimming curve is linear by default in FX mode.

## Menu Settings

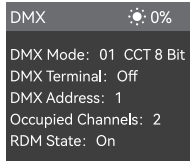
Short press the MENU button to enter menu settings, rotate the adjust dial to select among the following options: DMX, CRMX, Bluetooth, wireless, dimming curves, fan, display, language, version & upgrade, factory reset, fixture info.

### 1. DMX

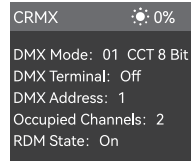
Short press the adjust dial to enter DMX setting interface. Rotate the adjust dial to select options among address, DMX mode, RDM state, RDM lost, termination, Ext-Channels. Short press the adjust dial to select the desired option then rotate to adjust settings. Finally, short press the MENU button to return to the previous menu.



## Interface when connected to wired DMX



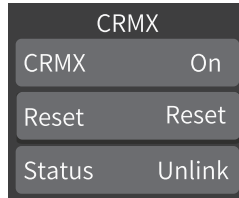
## Interface when connected to CRMX



Level 1 Option	Level 2 Option	Description
Address	001-512	Initial address
DMX Mode	01:CCT 8 bit	CCT 8 bit
	02:FX 8 bit	FX 8 bit
	03:CCT 16 bit	CCT 16 bit
	04:FX 16 bit	FX 16 bit
	05:ULTIMATE DMX 8 bit	ULTIMATE DMX 8 bit
	06:ULTIMATE DMX 16 bit	ULTIMATE DMX 16 bit
RDM State	On	Turn on RDM, then the controller can set address and MDX mode.
	Off	Turn off RDM
DMX Lost	Hold Last Command	After the DMX control signal is lost, continue to use the last received DMX control signal until power down or a valid DMX control signal is received again.
	Black Out	The light is off immediately.
	Black Out After 2 Min	After the DMX control signal is lost, continue to use the last received DMX control signal for 2 minutes then black out. Note: If a valid DMX control signal is received within 2 minutes, then use the new DMX control signal.
Termination	On	Turn on DMX terminal
	Off	Turn off DMX terminal
	On	Turn on extend DMX channels
	Off	Turn off extend DMX channels

## 2. CRMX

Short press the adjust dial to enter CRMX setting interface. Rotate the adjust dial to select options between switch and reset. Short press the adjust dial to select the desired option then rotate or short press to adjust settings. Finally, short press the MENU button to return to the previous menu.



## 3. Bluetooth

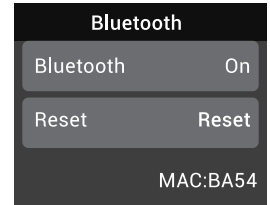
Short press the adjust dial to enter Bluetooth setting interface. Rotate the adjust dial to select options between switch and reset. Short press the adjust dial to select the desired option then rotate or short press to adjust settings. Finally, short press the MENU button to return to the previous menu.

Bluetooth MAC Code is on the left bottom of the display for searching the fixture by Bluetooth.

Scan the QR code to download the "Godox Light" smartphone APP (can be used in Android and Apple).

Note:

1. The APP can be used directly on the firstly installed device (smartphone or iPad). When change to other mobile device (smartphone or iPad), the light shall be reset before the normal connection of APP.
2. The APP should be upgraded to version 3.0 or above.



## 4. Wireless

Short press the adjust dial to enter wireless setting interface. Rotate the adjust dial to select options among switch, GR, CH, ID. Short press the adjust dial to select the desired option then rotate to adjust settings. Finally, short press the MENU button to return to the previous menu.

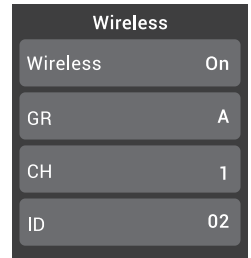
Wireless: Turn on/off 2.4G wireless

GR: 0-9/A-F

CH: 01-32

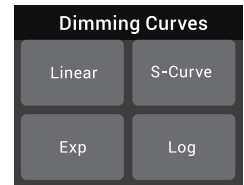
ID: OFF/01-99

Note: When using the remote control RC-A6II (sold separately) or remote control RC-R9II (sold separately), the group, channel and ID of the remote control and light body should be the same.



## 5. Dimming Curves

Short press the adjust dial to enter dimming curves setting interface. Rotate the adjust dial to choose among linear, s-curve, exponential and logarithmic. Finally, short press the adjust dial/MENU button to return to the previous menu.



## 6. Fan

Short press the adjust dial to enter fan setting interface. Rotate and short press the adjust dial to choose among off, auto, medium, and high. Finally, short press the MENU button to return to the previous menu.

### Max. Brightness Value (%) of the Light Body in Different Status

Fan Status	linear	S-curve	Exponential	logarithmic
Off	20%	36.5%	52.4%	8.7%
Auto	100%	100%	100%	100%
Medium	75%-100%	60%-100%	86%-100%	40%-100%
High	100%	100%	100%	100%

## 7. Display

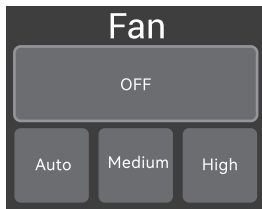
Short press the adjust dial to enter display setting interface. Rotate and short press the adjust dial to adjust brightness from 10 to 100. Finally, short press the MENU button to return to the previous menu.

## 8. Language

Short press the adjust dial to enter language setting interface. Rotate and short press the adjust dial to select between Chinese and English. Finally, short press the MENU button to return to the previous menu.

## 9. Version & Upgrade

Short press the adjust dial to enter version & upgrade setting interface to check the firmware version and upgrade instruction. Then, short press the MENU button to return to the previous menu.



Note: When the fan is in medium mode, the maximum brightness value changes with the ambient temperature.



## Firmware Upgrade

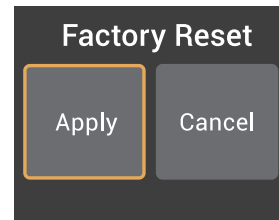
1. Download the new firmware to the U disk from official website (<https://www.godox.com/firmware-continuous-light>).
2. Turn off the device. Insert the U disk with new firmware into the Type-A USB port.
3. Turn on the device, and it will automatically enter the upgrading interface.
4. It will return 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 Type-A USB port can only support output voltage and current of 5V/2A. Do not connect to over-rated USB device.

## 10. Factory Reset

Short press the adjust dial to enter factory reset setting interface. Rotate and short press the adjust dial to select apply or cancel. It will back to language setting interface after resetting.



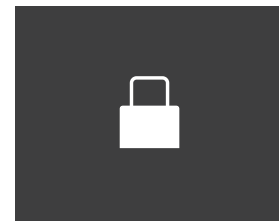
## 11. Fixture Info

Short press the adjust dial to enter fixture info setting interface to check model, UID, firmware version, light head temp., certification. Then, short press the MENU button to return to the previous menu.



## Lock Setting

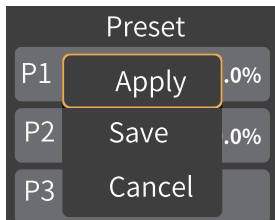
Short press the LOCK button, the panel is locked when <img alt="lock icon" data-bbox="565 785 578 805"/> is displayed on the panel, short press again to unlock.



## Preset Setting

Short press the PRESET button to enter preset effects interface. Rotate and short press the adjust dial to choose and enter preset effects 1-20, then short press to choose apply, save or cancel. Then, short press the adjust dial to return to the previous menu and short press the PRESET button to exit.

Note: There will be no option if a certain group has not been preset.



## Limited Power Mode

Press and hold the adjust dial then toggle the power switch button, or press and hold the adjust dial then connect to 48V DC power source, the light will enter limited power mode, max power is selectable among 20%, 40%, 60%, 80% and 100%.

Note: The power limit will be automatically reset each time after rebooting, then the max power resume to 100%.

## Maintenance

This product, except consumables, is supported with a one-year warranty.

Unauthorized service will void the warranty.

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

If the product had failures or was immersed into water, do not use it until it is repaired by professionals.

Shut down the device immediately should abnormal operation be detected.

Changes made to the specifications or designs may not be reflected in this manual.

## Illuminance Data

CCT	Test Condition	Unit	1m	3m	5m	7m	9m
2800K	Bare Light	lux	80700	9810	3680	2010	1290
		fc	7500	911	342	187	120
lux		84900	10300	3900	2110	1360	
fc		7890	960	362	196	127	
4300K		lux	88900	10700	4060	2200	1420
		fc	8260	997	377	204	132
5600K		lux	93800	11400	4300	2330	1500
		fc	8720	1060	400	216	139
6500K		lux	94200	11600	4370	2380	1530
		fc	8750	1080	406	221	142

Note: The above values are average values instead of absolute values. All the above tests are based on the condition of 100% brightness.

## Maintenance

Model	P600BI Hard
Power Supply	100V-240V~50/60Hz 7A
Max. Power	700W
CCT	2800K-6500K
Brightness Range	0%-100%
Dimming Curves	linear, S-curve, exponential, logarithmic
FX Modes	11
CRI	≥96
TLCI	≥96
Controlling Methods	DMX 512 Control(support RDM protocol) /LumenRadio CRMX Control /2.4G Wireless Control/Bluetooth APP Control/Light Body Control
Bluetooth Controlling Distance	Max. 30m
2.4G Remote Controlling Distance	Max. 100m
Type-A USB Port	Firmware Upgrade/5V=2A Power Supply
Dimension (U-type Bracket is included in the light body)	571mm*499mm*121mm
Net Weight	10kg

Specifications and data may subject to changes without notice.

## 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.

## Warning

Operating frequency:2412.99MHz – 2464.49MHz(2.4G only receive)/2402MHz – 2480MHz (BT)  
Maximum EIRP Power: 5dBm

## 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.

## 产品保修

尊敬的用户, 本保修卡是申请保修服务的重要凭证, 请您配合销售商填写并妥善保管, 谢谢!

产品信息	型号	产品条码
用户信息	姓名	联系电话
	通信地址	
销售商信息	名称	
	联系电话	
	通信地址	
	销售日期	
备注		

注: 此表应由销售商盖章确认。

### 产品信息

本文件适用于相关《产品保修信息》(见后面说明)所列产品, 其他非属此范围的产品或部件(如促销品、赠品及其他出厂后附加的部件等)不在此保修承诺内。

### 保修期

产品及部件的相应保修期按相关的《产品保修信息》执行。保修期自产品首次购买日起算, 购买日以购买产品时保修卡登记日期为准。

### 如何获得保修服务

您可直接与产品销售商或授权服务机构联系, 也可拨打神牛产品售后服务电话, 与我们联系, 由我们的服务人员为您安排服务。申请保修时, 您应提供有效的保修卡作为保修凭证, 方可获得保修。如您不能提供有效的保修卡, 则在我们确认产品或部件属于保修范围的情况下, 也可以为您提供保修, 但这不作为我们的义务。



### 不适用保修的情况

如产品存在下列情况，本文件项下的保证和服务将不适用：①产品或部件超过相应保修期；②错误或不适当使用、维护或保管导致的故障或损坏，如：不当搬运；非按产品合理预期用途使用；不当插拔外接设备；跌落或外力挤压；接触或暴露于不适当温度、溶剂、酸碱、水浸或潮湿环境；③由非神牛授权机构或人员安装、修理、更改、添加或拆卸造成的故障或损坏；④产品或部件原有识别信息被修改变更或删除；⑤无有效保修卡；⑥使用非法授权、非标准或非公开发行的软件造成的故障或损坏；⑦因不可抗力或意外事件造成的故障或损坏；⑧其他非因产品本身质量问题导致的故障或损坏。遇上述情况，您应向相关责任方寻求解决，神牛对此不承担任何责任。因非在保修期或保修范围内的部件、附件或软件导致产品不能正常使用的，不是保修范围内的故障。产品使用过程中正常的脱色，磨损和消耗，不是保修范围内的故障。

## 产品保修和服务支持信息

产品的保修期和服务类型按以下《产品保修信息》执行：

产品类别	选件名称	保修期(月)	保修服务类型
部件	主机	12	客户送修
	电池	3	客户送修
	充电器等带电性能的部件。	12	客户送修
其他	如电源线、同步线闪光灯、造型灯泡、外壳、保护罩、锁紧装置、包装等。	无	无保修

神牛产品售后服务电话 0755-29609320-8062

## 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, etc.	12	Customer sends the product to designated site
Other Items	Flash tube, power cord, sync cable,modeling lamp,lamp body, lamp cover,lockingdevice, package, etc.	No	Without warranty

Godox After-sale Service Call +86-755-29609320(8062)