Godox S60Bi Color Focusing LED Light Instruction Manual

Godox S60Bi Color Focusing LED Light

S60Bi
Godox
LITHIUM ION BATTERY

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Thank you!

Foreword

Thank you for purchasing Godox product !
Bi-Color Focusing LED Light S60Bi is a professional video light It has stable light resource ,high brightness ,ultra high color rendering index, and adjustable focus range from 6°10 55°, which make it quite suitable for commercial shooting, studio shooting, portrait shooting and interview.

Main Features:

- With specially designed lens to gain soft and even light effect from center to edge
- Adjustable focusing range and light brightness enable you to observe the variation of shadow's hardness, dimension and edge contrast
- Precisely control the light and achieve more creative light effects when use in combination with abundant accessories
- Compact design offers great convenience, portability and wide application
- 2.4G, Bluetooth wireless transmission and DMX functions,
- Mute mode with no disturbance
- Separate design of light body and controller to achieve better cooling effect
- Stepless adjustments for CCT from 2800K to 6500K and brightness from Oto 100%

Warning

⚠Do not disassemble or modify. Should the product break down, send the defective back to the authorized service center for inspection and maintenance.

⚠If this product overheats, it will cease operation and resume working after cooling down. This is due to the built-in over-temperature protection.

⚠As this product adopts make and break device, please keep it easy to be used.

⚠Keep dry. Do not handle with wet hands, immerse in water, or expose to rain.

⚠ Do not place in high temperature or high humidity conditions.

⚠ Keep out of reach of children.

⚠ Disconnect from the power supply when it will not be used for an extended period.

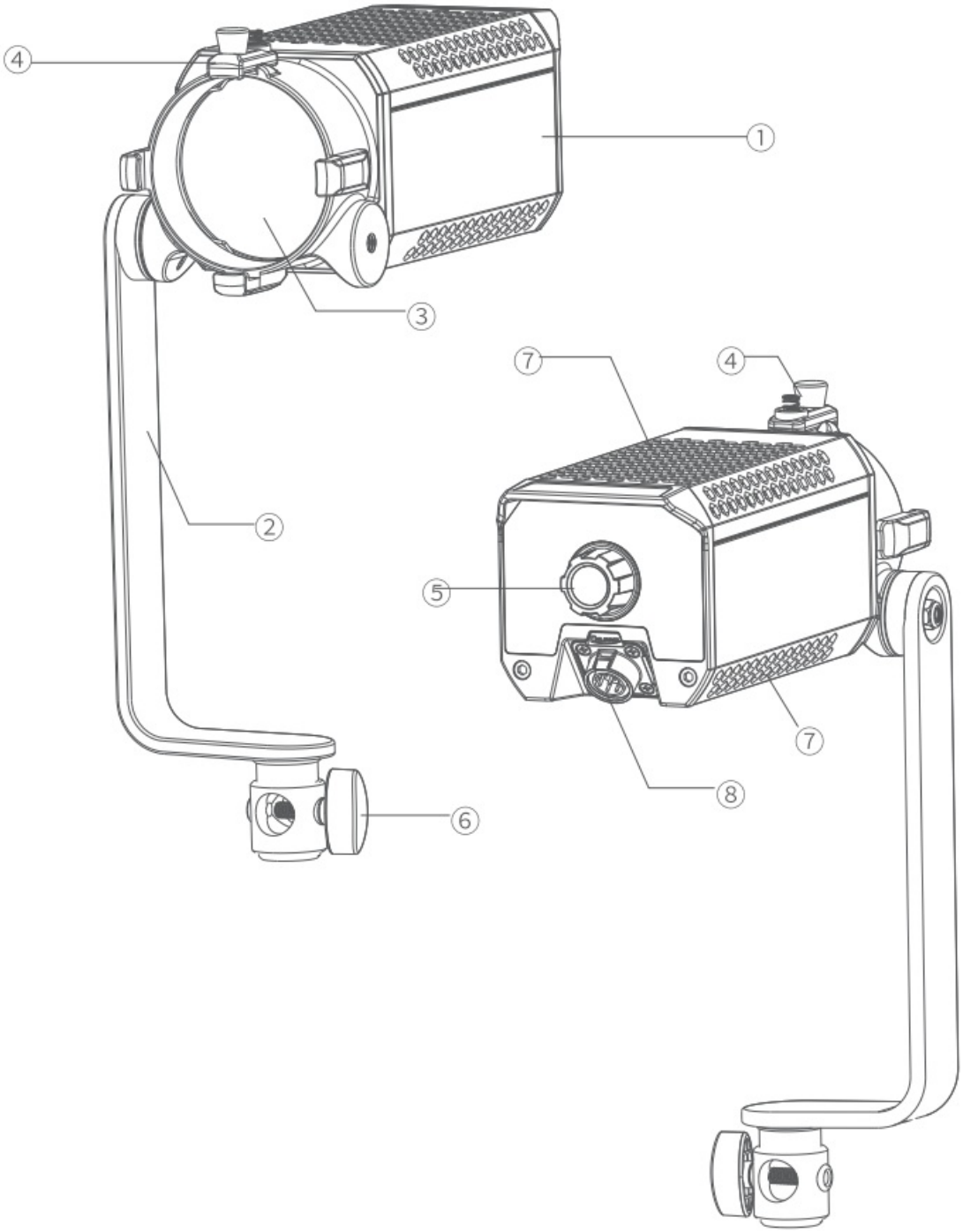
⚠ Do not fire the flash directly into the eyes. Otherwise visual impairment may occur.

⚠Please read and keep this instruction manual carefully for future instruction.

Name of Body

Main Body

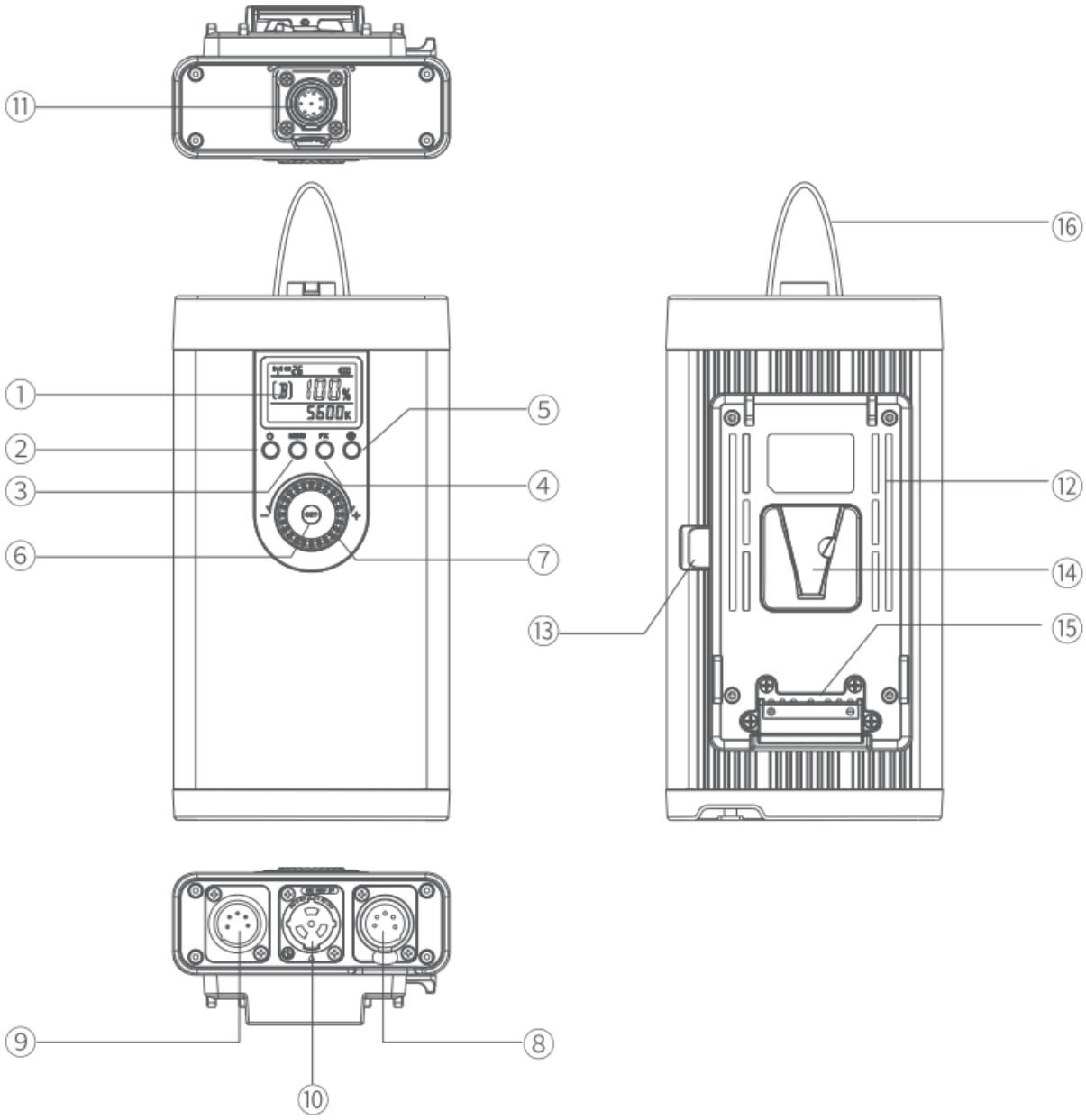
1. Body
2. Direction Adjusting Bracket
3. Lens
4. Accessory Latch
5. Focus Dial
6. Fixing Knob
7. Thermovent
8. DC Input Port



Controller

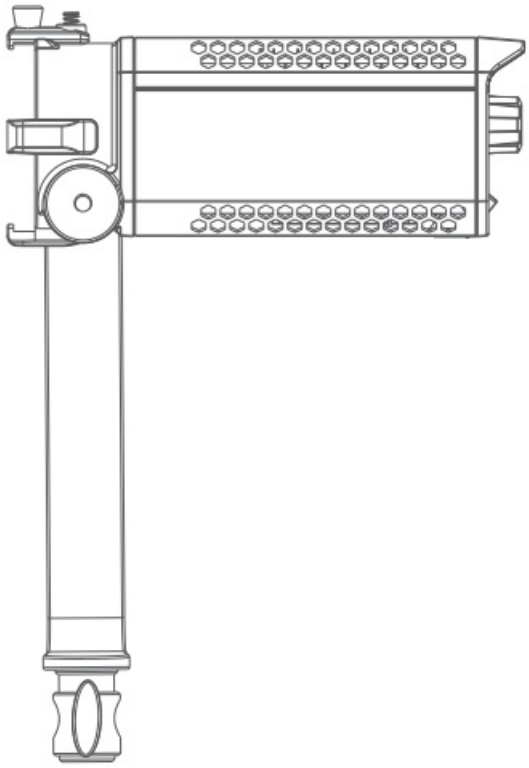
1. Display
2. Power Switch
3. MENU Button
4. FX Button
5. Fan Switch
6. SET Button
7. Select Dial
8. DMX Input Port (male)
9. DMX Output Port (female)
10. AC Input Port

11. DC Output Port
12. Battery Clip
13. Battery Release Button
14. Battery Compartment
15. Battery Base
16. Steel Cable

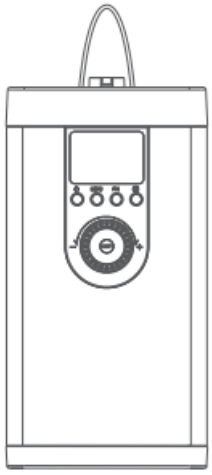


Included Items

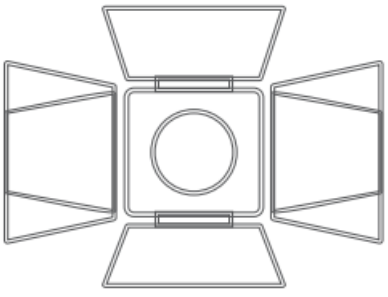
- Light Body *1



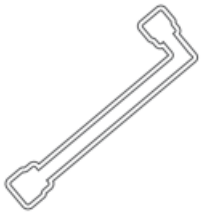
- Controller*1



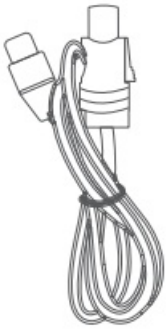
- Barn door Set * 1



- Wrench *1



- Connect Cable * 1



- Power Cable * 1

- Instruction Manual* 1

Optional Accessory

The product can be used in combination with the following accessories sold separately, so as to achieve best photography effects.

- SA-P Projection Attachment (included a SA-01 85mm Lens)

- SA-01 85mm Lens

- SA-02 60mm Wide-angle Lens

- SA-03 150mm Telephoto Lens

- SA-05 Scrim Set

- SA-06 Iris Diaphragm

- SA-07 Framing Shutter

- SA-09 GOBO Set

- SA-10 GOBO Holder

- RC-A6 Remote Control

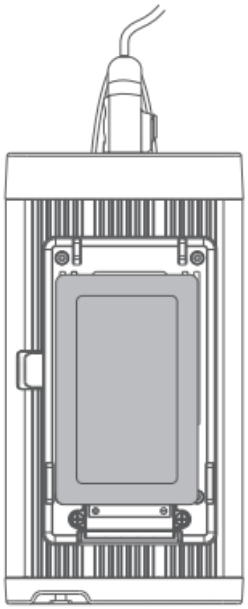
- SA-11C (Color effects set) SA-11T (Color temperature adjustment set) Color Filter

Power Supply

AC Power Supply

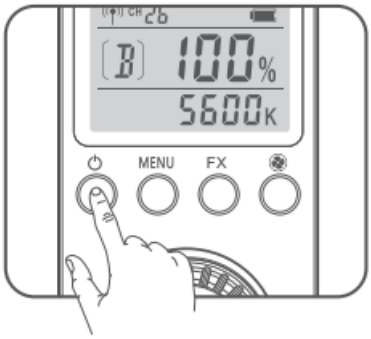
1. Press and hold the metal latch button of connect cable, insert the two ends of power source connect cable into the controller’s DC output port and light’s DC input port until a “click” can be heard.
2. Insert the power cable’s output end into the controller’s AC input port. Then, rotate it rightwards to 15° until a “click” can be heard.
   Pull out the power cable: press the PUSH button on the output end of power cable and rotate it leftwards to 15°10 pull out
3. Connect power cable into the power source. Pull out the connect cable: press down the metal latch button of connect cable and pull out the cable simultaneously.

V-port Battery Power Supply (Optional)
Install the V-port battery onto the controller's battery compartment Then, power the light on to operate.
Note: please use the standard V-port battery with 14.SV standard voltage. Do not supply power with the battery whose voltage is over 16.SV.



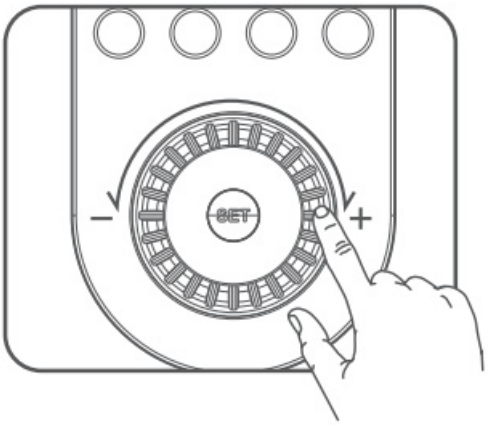
Operation

Power switch:
Short press the power switch, and the LED light will be lighted on. Press the button again to turn off the light.

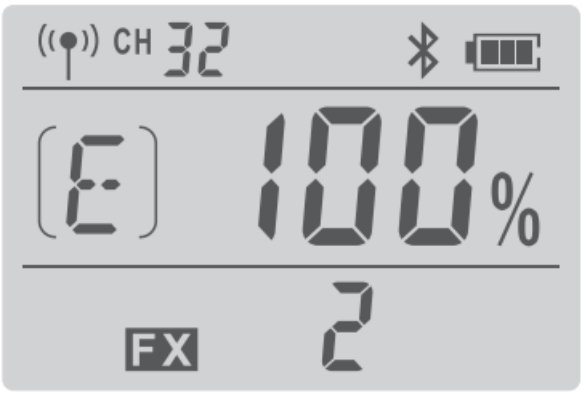


Brightness adjustment:
In the main interface, turn the select dial to adjust brightness from 0% to 100%.

Bi-color Setting
Bi-color Mode: CCT mode is on the main interface.
CCT Adjustment: Short press SET button on the main interface, the CCT number will blink. turn the select dial to adjust CCT from 2800K to 6500K,with 100 units change in normal speed and 500 units change in fast speed.



Light effects setting:
In normal status, short press the FX button once to enter the setting interface. Then, turn the select dial to choose light effects from OFF and 1 to 11 .



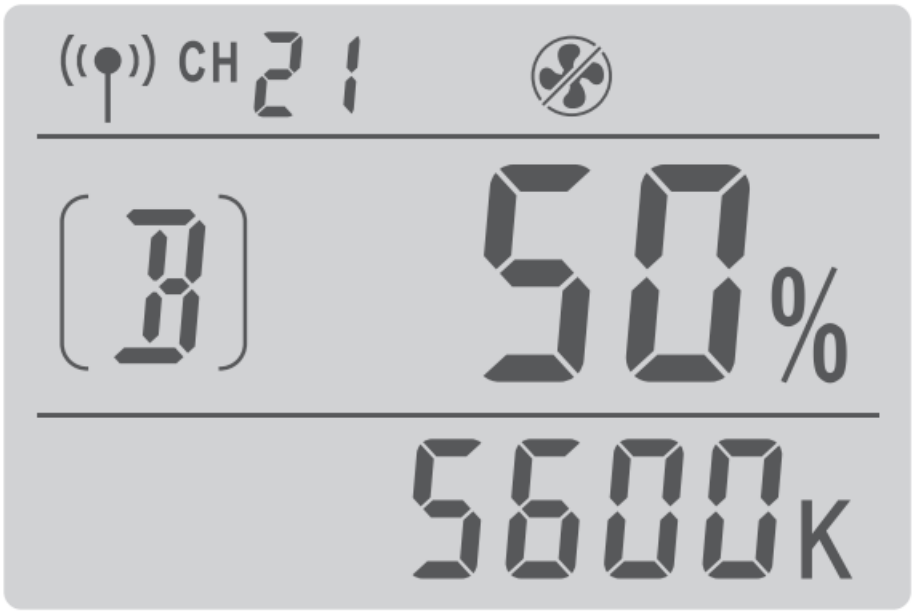
Display	FX1	FX2	FX3	FX4	FX5	FX6	FX7	FXS	FX9	FX1o	FX11
Flash 1	Flash 1	Flash 2	Flash 3	Storm 1	Storm 2	Storm 3	TV	Broken Blub	Candle	Fire	Firework

Short press the FX button or SET button to exit from light effects modes and back to the main interface after

settings finished.
Note: If a light effect is selected from 1 to 11, the FX icon and light effects will be displayed on the main interface and. the brightness can be adjusted, while color temperature is not available. If choose OFF, the color temperature will be displayed instead of FX icon.

Silent Mode:

In normal status, short press the Fan button to turn it on or off. the icon is displayed. the fan is turned off, the LED light will enter silent mode. and the brightness will be adjusted from 0% to 50%. **Note:** the fan will be turned on by default and there is no icon appeared on the display."



MENU

G Wireless Control

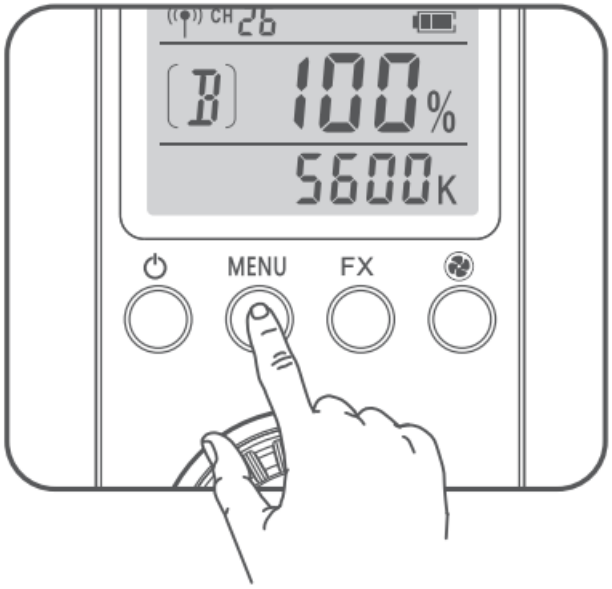
With 2.4G wireless system, S60Bi focusing LED video light has remote grouping and control function. It is recommended to purchase RC-A6 remote control (optional) to achieve wireless control. 16 groups of LED lights can be controlled. 32 channels and 99 IDs are available with strong anti-interference capability.

Note:

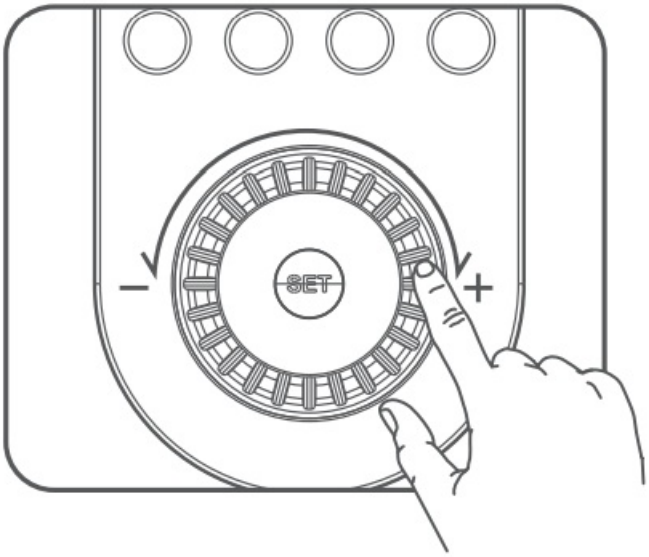
1. Please make LED light's channel, group and ID to the same as remote control's.
2. The wireless signals can only be received in the situation that the LED light is powered on.

CH Channel Adjustment/GR Group Adjustment/ID Value Adjustment

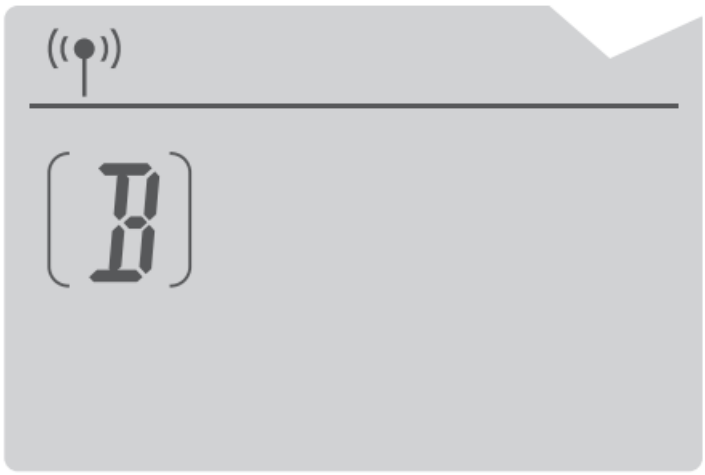
In main interface, short press MENU button once and turn the select dial to select channel, group, ID, bluetooth code display and DMX512 loop.



In CH channel setting interface, short press SET button and the channel icon will blink.
Then, turn the select dial to choose channel from 1 to 32. Press the SET button to exit and the icon will stop blinking.



In GR channel setting interface, short press SET button and the group icon will blink.
Then, turn the select dial to choose group from A to F and D to 9.Press the SET button to exit and the icon will stop blinking.



In ID channel setting interface, short press SET button and the group icon will blink.

Then, turn the select dial to choose group from OFF and 1 to 99. Press the SET button to confirm and the icon will stop blinking.
After setting all these parameters, short press SET button to confirm and back to the main interface.
Note: the LED light will auto return to the main interface if there's no operation after 1 D seconds.

Bluetooth Control

Bluetooth Code Display & RESET Function

Check Bluetooth code: in main interface, short press MENU button. Then, press the select dial to switch the icons. The Bluetooth code will be displayed after Bluetooth icon appeared.

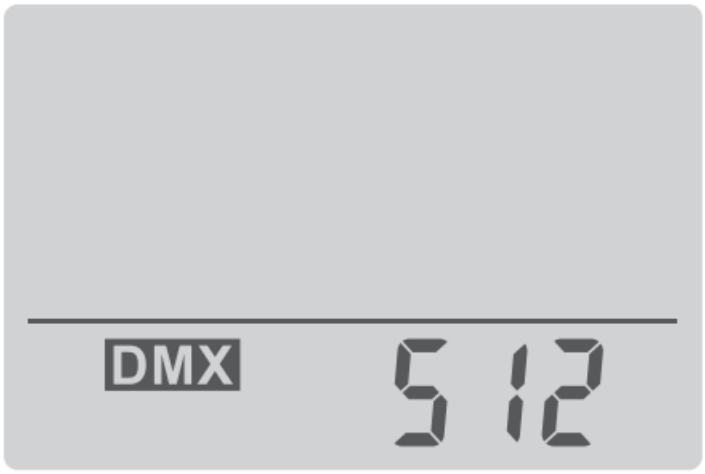
Bluetooth reset function: in the Bluetooth code interface, long press the SET button for 2 seconds and the Bluetooth icon will blink because of resetting. And the icon will stop blinking after successfully reset. Then, short press the MENU button to return to main interface.
Note: The LED light's Bluetooth function should be turned on. The APP can be used directly on the firstly installed device (srnartphone or iPad). When change to other mobile device(smartphone or iPad), the light shall be reset before the normal connection of APP.

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

For more smartphone APP operations, please open the "help" in APP to gain detailed guidance.

DMX Control Mode

In main interface, short press MENU button once and turn the select dial to switch until the DMX icon is displayed. Short press the SET button and the icon will be blinking. Then, turn the select dial to set the DMX channel from 1 to 512. Adjustment in 1 D values quickly or 1 value normally. Then, short press the SET button to confirm and the icon will stop blinking. Short press the MENU button to return to main interface.



DMX Parameters:

Operation Mode/Code	CCT	FX	Note
n(Mode)	0-51	52-255	
n+1	DMX*(l 00/255) Integer 0-100% Brightness	DMX*(l 00/255) Integer 0-100% Briqhtness	
n+2	OMX*(Max CCT-Min CCT) /7 00) /255) Integer	DMX•(total light effects/255)	1, CCT adjustment (for example: Min CCT 2800, Max CCT 6500 DMX=l02,102 *((6500-2800) /7 00)/255= 7 4(CCT28+ 7 4=42* 7 00=42 00) 2. FX Adjustmenttota1FX7 4 , OMX= 160,FX number= 160* 14/255=8

Illuminance Data of S60B1

Color Temperature	Testing Condition	Illuminance Data	1m	2m	3m
2800K	*flood*	lux	3010	761	352
		fc	280	70.7	32.7
	spot	lux	22400	5920	2740
		fc	2090	550	254
3200K	*flood*	lux	3710	950	436
		fc	345	88.2	40.5
	spot	lux	28000	7430	3410
		fc	2600	690	317
4300K	*flood*	lux	4310	1100	505
		fc	400	102	47
	spot	lux	32700	8690	3970
		fc	3030	807	369
5600K	flood	lux	4340	111o	509
		fc	403	103	47,3
	spot	lux	32900	8770	4000
		fc	3060	815	372
6500K	flood	lux	4290	11oo	504
		fc	398	102	46 .8
	spot	lux	33200	8690	3960
		fc	3090	808	368

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

Technical Data

Model	S60Bi	
Power Supply	AC Power Supply	700~240V 50/60Hz 0.9A MAX
	V-port battery	**Standard voltage:14.8V (optional)**
Power	77W(Max)	
Color Temperature	2800-6500K	
CRI	≈96	
TLCI	≈97	
Brightness Range	0~700%	
Channel(CH)	32 (1 to 32)	
Group (GR)	16 (A to F/ Oto 9)	
Beam Angle	6°-55°	
Working Environment Temperature	-10~40°C	
Control Method	**Smartphone APP/2.4G wireless remote control/OMX control/Controller**	
2.4G Wireless Transmission Distance(≈)	≈50m	
Bluetooth Control Distance	≈30m	
Dimension(≈)	Light body: 264*107*100mm	
	Controller: 233* 112*61 mm	
New weight(≈)	Light body: 1.36kg	
	Controller. 1kg	
2.4G Frequency Range	2412MHz~2464.5MHz	

BT Frequency Range	2402.0-2480.0MHz
Maximum power	6.68dBm

*Product design and specifications are subject to change without notice.

Maintenance

This product, except consumables e.g. battery, power cable and connect cable, is supported with a one-year warranty.
Avoid sudden impacts and the product should be dedusted regularly.
Maintenance of the flash must be performed by our authorized maintenance department which can provide original accessories.
Unauthorized service will void the warranty.
If the product had failures or was wetted, do not use it until it is repaired by professionals.
Changes made to the specifications or designs may not be reflected in this manual.

FCC compliance statement

This product, except consumables e.g. battery, power cable and connect cable, is supported with a one-year warranty.
Avoid sudden impacts and the product should be dedusted regularly.
Maintenance of the flash must be performed by our authorized maintenance department which can provide original accessories.
Unauthorized service will void the warranty.
If the product had failures or was wetted, do not use it until it is repaired by professionals.
Changes made to the specifications or designs may not be reflected in this manual.
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.
changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
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.

  RF Exposure Compliance

  This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 5mm between the radiator and your body.

  This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Operating frequency:2412.99MHz – 2464.49MHz(2.4G only receive)/2402MHz – 2480MHz(BT)
Maximum EIRP Power: 6.68dB
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/DOC/Godox_S60Bi_DOC.pdf**

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

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.

CUSTOMER SUPPORT

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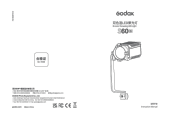
Documents / Resources

	Godox S60Bi Color Focusing LED Light [pdf] Instruction Manual S60Bi Color Focusing LED Light, S60Bi, Color Focusing LED Light, Focusing LED Light, LED Light, Light

References

- User Manual

Manuals+, Privacy Policy