705-ML60BY-00

合格证
QC PASS

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godox.com

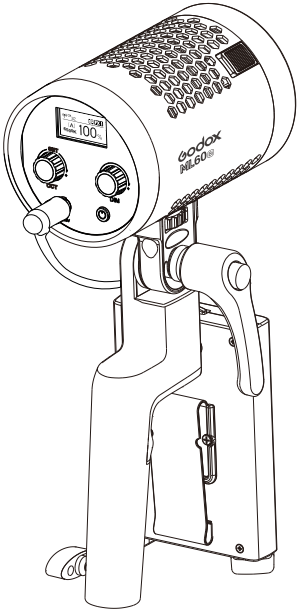
Made in China

FC CE RoHS

Godox

Bi-color LED Video
Light

ML60Bi



Instruction Manual

Foreword

Thank you for purchasing this Godox Product!
This Bi-color LED Video Light ML60Bi is a light that is easy to fill. It has high brightness, wireless adjustable, and color temperature adjustable functions. Suitable for almost all shooting occasions e.g. live, camping, make up, portrait shooting, make up, video, wedding, children photography, etc. It's portable and easy to be operated.

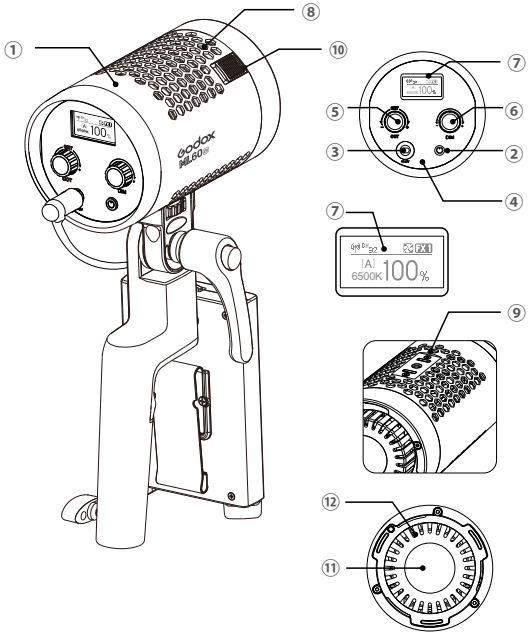
Features:

- Freely switch LED bi-color mode and 21 Light effects modes
- 0% to 100% Precisely adjust light brightness
- 16 Groups and 32 channels wireless remote control
- Switch silent mode to light without interference
- Compact and lightweight, easy to be held in hand
- Freely adjust color temperature
- Combined control by smartphone APP/2.4G wireless

⚠ 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.

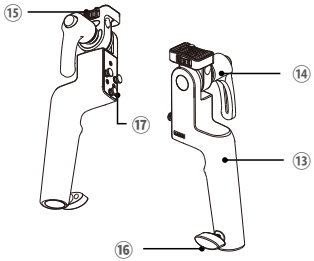
Parts



01. Body
02. Power Switch
03. DC Power Socket
04. Control Panel
05. CCT/SET Select Dial
06. DIM Select Dial
07. Display
08. Thermovent
09. Fixing Socket for Handle
10. Accessory Locking Ring
11. LED Light Beads
12. Radiator

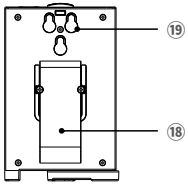
• Handle

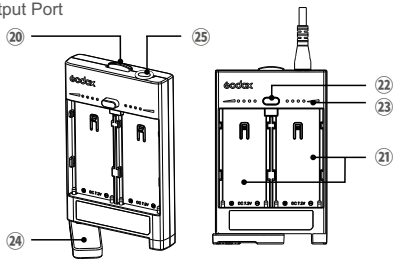
13. Handle Bracket
14. Direction Adjusting Ring
15. Fixing Screw for Light Head
16. Fixing Screw for Light Stand
17. Fixing Buckle for Battery Case



• Battery Case

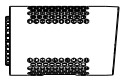
18. Clip
19. Fixing Hole for Battery Case
20. Locking Ring for Battery Case
21. Battery Compartment 1 and 2
22. Battery Level Display Button/
    Battery Locking Ring
23. Battery Level Indicator
24. Battery Case Leg
25. Battery Power Output Port





What's in the Box

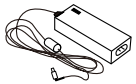
Light Body ML60Bi *1



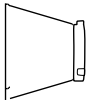
Handle *1

Battery Case BC60 *1

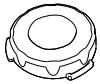
Adapter *1



Reflector *1



Protect Cover *1

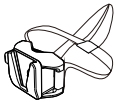


5m AC Power Cable *1

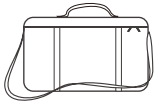
1.5m DC Power Cable *1

0.2m DC Power Cable *1

Adapter Holder *1



Portable Bag *1



Instruction Manual *1

Optional Accessory

RC-A6 remote control

Power Management

1. Power Supply

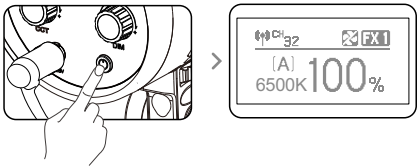
Adapter power supply: input: 100-240V~50/60Hz 2A, output: 16.8V 4.2A.
External battery power supply: install two NP-F970 batteries into the battery compartment. Then, use DC power line to connect the battery case with the light body to achieve power supply.

The battery case can only offer battery discharging instead of charging. When powered by battery box, two batteries shall be used simultaneously. Please do not use one battery individually.

Operation

1. Power On

Press the power switch to control the on/off of the light, and the OLED display will show the current information.

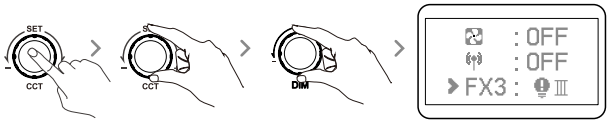


2. Mode Selection: Bi-color mode/FX Special Effects Mode

Color temperature mode: the main interface is the color temperature mode

2.1.1 Color temperature adjustment: Rotate the CCT/SET knob on the main interface to adjust the color temperature (2800~6500K). Normally rotate 100 unit values, and quickly rotate 500 unit values.

2.1.2 Brightness Adjustment: Select the DIM dial to adjust brightness from 0% to 100%.



2.2 Light effect mode:There are seven types and 21 kinds of light effect modes.

Special Effects	Display	Situation	Display Ⅰ	Display Ⅱ	Display Ⅲ
Fx1		Flash	Flash	Press conference	Paparazzi
FX2		lightning	Discontinuous	Frequent	Continuous
FX3		Broken bulb	Discontinuous	Frequent	Continuous
FX4		TV	Slow speed	Medium speed	Quick speed
FX5		Candle	Intermittently	Frequent	Continuous
FX6		Fire	Wood fire	Bonfire	Fire
FX7		Fireworks	Short	Continuous	Performance

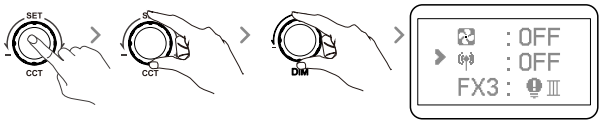
Tip: Rotate DIM dial to select light efficiency type, and then press DIM dial to realize speed switching.

3. 2.4G Wireless setting

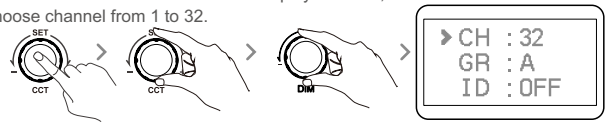
ML60Bi has 2.4G wireless receiving function, and the remote control RC-A6 can be purchased separately for wireless remote control. Using 2.4G wireless technology function, it can control 16 Groups, 32 channels, and 99 wireless IDs at the same time, with strong anti-interference.

Note: Before use, please set the channel (CH), group (GR) and ID of the remote control and the LED light to be the same. The LED light can only receive wireless signals when it is turned on.

Turn on/off 2.4G wireless: press CCT/SET button to enter the menu. Turn the CCT/SET select dial until the wireless icon is displayed. Then, turn the DIM select dial to turn on or off 2.4G wireless.

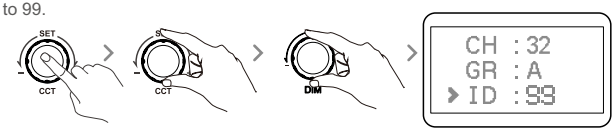


Channel CH Setting: press CCT/SET button to enter the menu. Turn the CCT/SET select dial until the CH is displayed. Then, turn the DIM select dial to choose channel from 1 to 32.



Group GR Setting: press CCT/SET button to enter the menu. Turn the CCT/SET select dial until the GR is displayed. Then, turn the DIM select dial to choose group from A to E and 0 to 9.

ID setting: press CCT/SET button to enter the menu. Turn the CCT/SET select dial until the ID is displayed. Then, turn the DIM select dial to choose 99 IDs from 1 to 99.

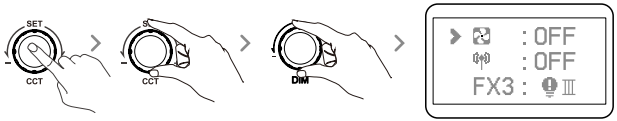


4. Brightness adjustment: Rotate DIM to adjust brightness, normally rotate 1 unit value, and quickly rotate 10 unit value.

Note: Press the DIM select dial to turn off brightness, and then press dim to restore the brightness of the last time it was turned off.

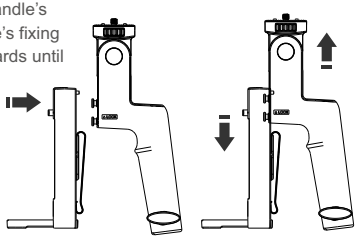
5. Silent mode:

When is displayed, the silent mode is turned on.
Turn on the silent mode: press CCT/SET button to enter the menu. Then, screw the DIM select dial to turn on or off the fan. Set it to on to enter non-silent mode while set it to off to enter silent mode. In silent mode, the brightness adjustment range is from 0% to 50%.

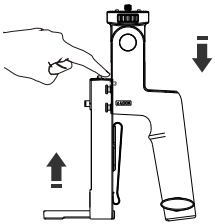


6. Install and detach battery case

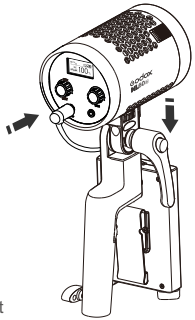
6.1 Install battery case: Aim the handle's fixing buckles into the battery case's fixing holes, pull the batter case downwards until being tightened.



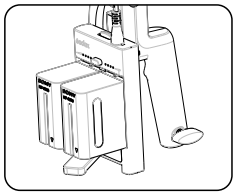
6.2 Detach battery case: push the battery case' locking ring and push the battery case upwards to take it out.



6.3 Connect the battery case with light head: Insert one end of the power cord into the battery box and the other end into the DC socket of the lamp cap.

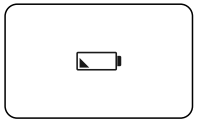


6.4 Insert two FP970 batteries, and the LED light can be put into usage.



7. Low Battery Indication

When the battery is below one grid, the low battery indicator will pop out.



8. Locking Function

In power on state, long press the CCT/SET button for 2 seconds and the locking icon will appear on the display. Long press the button for 2 seconds again to unlock.

Note: The locking function only locks the control panel function, the 2.4G wireless remote control and Bluetooth control are not affected.

9. High Temperature Alarm Function

9.1 When the LED Light bead temperature is too high, the display screen will display the high temperature alarm symbol .

9.2 When the LED Light temperature returns to normal, the lamp will automatically release the alarm. At this time, the DIM dial can be rotated to change the brightness.

9.3 When the temperature sensor failure symbol Err1 appears on the display, it means that the high temperature alarm function of the machine has failed.

10. Bluetooth Control

10.1 Press the CCT/SET button to enter the menu, turn the CCT/SET knob to the Bluetooth symbol , turn the DIM knob (OFF/Bluetooth MAC code/Reset cycle selection), select OFF when the Bluetooth is turned off; When the Bluetooth MAC code (For example: CE8C) is selected, Bluetooth is turned on and the Bluetooth symbol appears on the main interface; select Reset and then press the DIM button to perform the Bluetooth reset function.

Note: The first mobile device (mobile phone or tablet) can directly use the APP to control the light body. When replacing other mobile devices (mobile phones or tablets), the lamp body can be connected normally after Bluetooth reset.

10.2 Scan the QR code to download the "Godox Light" mobile app. (It can be used on both Android and Apple systems) (QR code diagram) . For specific operations, please refer to the "Help" manual of the mobile APP, which contains detailed tutorials.

Technical Data

LED Light	ML60Bi
Adapter	Output: 16.8V 4.2A
Power	Max. 60W
Channel	32
Group	16(A B C D E F,0-9)
Brightness Adjusting Range	0%~100%
100% Illuminance(LUX)(≈)	10100 (testing distance is 1 meter)
CRI(≈)	96
TLCI(≈)	97
Color Temperature	2800~6500K (without reflector)
Mode	Bi-color mode/scene mode
Lighting effcts mode	A total of 7 categories and 21 types
Control method	Mobile APP/2.4G wireless control
2.4G wireless transmission distance	30 meters
Bluetooth transmission distance	30 meters
Working Temperature	-10~40℃
Weight	0.77Kg (not include handle and reflector)
Dimension	145*88*88mm (not include handle and reflector)
BT Frequency Range	2402.0-2480.0MHz
Max. Transmitting Power	5dbm

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

Maintenance

This product, except consumables e.g. charger and charger 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 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. RF Exposure Statement: To maintain compliance with FCC RF Exposure guidelines, This equipment (FCC ID: 2ABYN029) should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

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, lockingdevice, package, etc.	No	Without warranty

Godox After-sale Service Call **0755-29609320-8062**