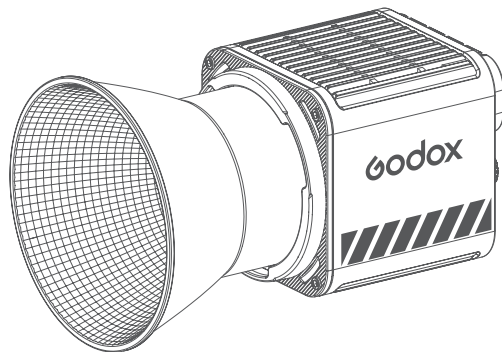


合格证
QC PASS

Godox



Wechat
Official Account
神牛微信公众号

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Made in China | 705-ML602B-00



ML60II Bi

双色温 LED 摄影灯
Bi-color LED Video Light

使用手册
Instruction Manual

Important Safety Instructions and Precautions

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 precautions must always be followed during use, as follows:

1. The product manual must be read and understood before use.
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 seek medical attention in time.
6. If the lamp bead is damaged or deformed by heat, stop using it, 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 -10°C to 40°C working environment temperature 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. 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.
11. 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.
12. Do not disassemble the product without permission. If the product fails, it must be checked and repaired by authorized maintenance personnel.
13. 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.
14. Do not place equipment near flammable and volatile solvents such as alcohol and gasoline.
15. Do not use accessories that are not recommended by our factory to avoid fire, electric shock or personal injury.
16. 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.
17. Please take off the protective cover before using.
18. This product has passed ROHS, CE and FCC certification, please refer to the relevant national standards for use and operation.

19. 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. Customers can view the latest electronic instructions on the official website of GODOX and learn about the latest product information.
20. One-year warranty period, accessories such as consumable batteries, adapters, power cords, etc. are not covered by this warranty.
21. If it is found that the equipment is repaired without authorization, the one-year warranty period will be canceled and relevant fees will be charged for maintenance.
22. Machine failures caused by non-standard operation are not covered by the warranty.

Foreword



Thank you for purchasing!

Godox is proud to introduce the new generation ML60II Bi Bi-color LED Video Light, which has garnered attention in the industry for its striking appearance and technological features. The compact design and lightweight construction of only 526g make it portable and provide photographers with a more convenient creative experience. The mount continues the Godox-mount design, ensuring compatibility with first-generation optical accessories, offering a broader range of options for your photography needs.

The ML60II Bi features adjustable CCT (2800-6500K), stepless dimming (0%-100%), and 11 FX modes to meet diverse shooting requirements. The controls remain user-friendly, supporting remote control through the "Godox Light" App, allowing you to adjust light parameters anytime, anywhere. Additionally, the high-temperature alarm and low battery warning functions ensure safe usage for users.

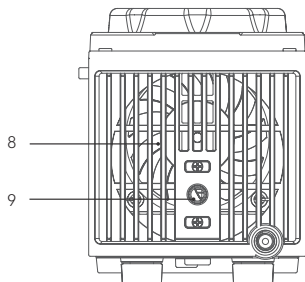
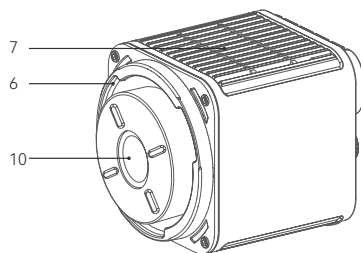
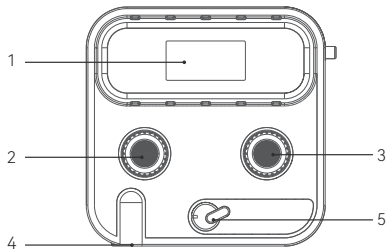
This light is widely applicable to various scenarios, including interviews, live streaming, short videos, outdoor shooting, and still life photography. Whether for professional work or creative exploration, the ML60II Bi is your reliable assistant, delivering outstanding lighting effects and excellent shooting results.

Warning

-  Before using the device, please make sure to remove the lamp head protective cover.
-  Do not dismantle the product without authorization. If the product malfunctions, it must be inspected and repaired by our company or authorized maintenance personnel.

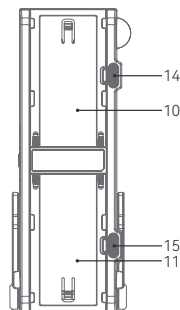
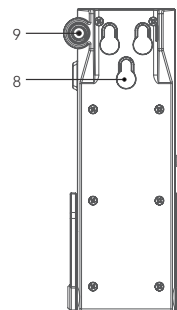
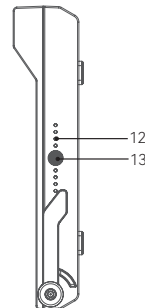
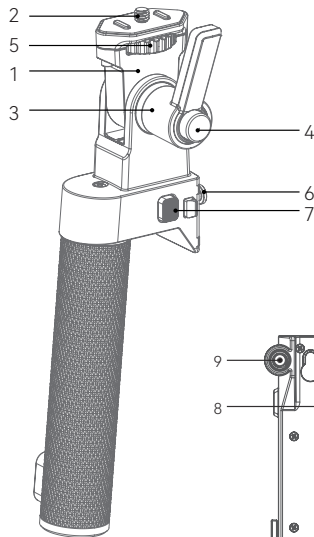
Name of Parts

Light Body



1. Display
2. FN Button
3. DIM/MODE/  Button
4. DC Input Port
5. Power Switch Dial
6. Godox Mount
7. Thermovent
8. Fan Vent
9. 1/4" Screw Hole
10. LED Beads

Battery Accessory Kit AK-B01 (Sold Separately)

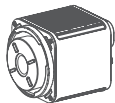


1. Grip Holder
2. 1/4" Screw
3. Direction Adjustment Handle
4. Adjustment Handle Button
5. Locking Wheel for Light Body
6. Battery Case Fixing Buckle
7. Battery Case Push Lock
8. Battery Case Fixing Hole

9. DC Output Port
10. Battery Slot 1
11. Battery Slot 2
12. Battery Level Indicator
13. Battery Level Display Button
14. Battery Installation/Removal Button 1
15. Battery Installation/Removal Button 2

Important note: 1.The battery case only supports battery power and does not support charging the batteries.
2.To use the battery case, two NPF-type batteries must be used simultaneously, and single battery usage is not supported.

What's Inside



Light Body×1



Reflector×1



Holder AD-E2×1



Lamp Head Protective Cover×1



Adapter×1



AC Power Cord×1

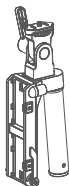


Instruction Manual×1



Carry Bag×1

Optional Accessories



Battery Accessory Kit AK-B01

Power Management

DC Power Supply: Connect the adapter to AC power, input 20V=3.5A.

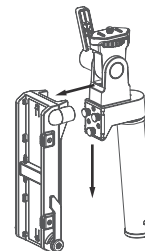
NPF Battery Power Supply: Purchase the AK-B01 Battery Accessory Kit separately, and insert two NPF batteries. Connect the battery case to the light body using the DC cable for power supply.

V-Mount Battery Power Supply: You can purchase a D-TAP to DC male adapter cable separately to connect the V-mount battery to the light body for power supply.

Installation/Removal of Battery Case (AK-B01 sold separately)

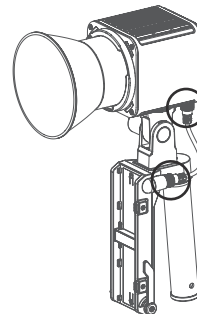
Installation

1. While holding the battery case push lock firmly, simultaneously insert the battery case fixing buckle into the battery case fixing hole and push the battery case downward until you hear a "click" sound, indicating that the battery case is securely installed.



2. Use the DC cable to connect one end to the light body and the other end to the battery case. Finally, insert two NPF batteries to power the device.

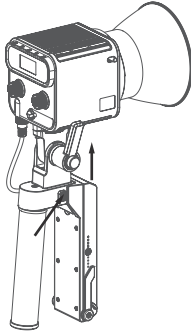
Note: When using the battery case, two NPF batteries must be used simultaneously, and single battery use is not supported.



Removal

1. After removing the DC cable and NPF batteries, hold down the battery case push lock and push the battery case upward to detach it.

Note: NPF batteries need to be purchased separately.



Battery Level Indicator (Requires separate battery accessory kit AK-B01)

The battery case's battery level indicator displays the battery level. Four green bars indicate a full charge, three green bars indicate 75% remaining, two green bars indicate 50% remaining, one green bar indicates 25% remaining. When the battery level is below one green bar, the display screen will show a low battery warning.

Power On/Off

After connecting the power supply, turn the power switch dial to ON to power on the device. Turn it to OFF to power off the device.

CCT Mode

Press the DIM/MODE/⚡ button briefly to switch modes. When the display screen shows "CCT," it indicates that the current mode is the color temperature mode. Rotate the FN dial to adjust the color temperature. One left rotation decreases the color temperature by 100K, while one right rotation increases it by 100K. The CCT range is 2800-6500K. Quick adjustment is also available. Rotate the DIM/MODE/⚡ button to adjust the brightness. One left rotation decreases the brightness by 1%, while one right rotation increases it by 1%. The brightness range is 0%-100%. Quick adjustment is also available.



FX Mode

Press the DIM/MODE/⚡ button briefly to switch modes. When the display screen shows "FX," it indicates that the current mode is the FX lighting effects mode. Rotate the DIM/MODE/⚡ button briefly to adjust the brightness. One left rotation decreases the brightness by 1%, while one right rotation increases it by 1%. The brightness range is 0%-100%. Quick adjustment is also available. Press the FN button briefly to select the lighting effect/parameters. Once a specific option is selected, rotate the FN button to adjust the lighting effect/parameters.

FX Table


No.	FX Icon	FX Type	Option	Adjustable Range
1		FLASH	SPD	1-100
2		LIGHTNING	FREQ	RANDOM/2-20
3		CLOUDY	SPD	RANDOM/1-100
4		BROKEN BULB	SPD	1-100
5		TV	SPD	1-100
6		CANDLE	SPD	1-100
7		FIRE	SPD	1-100
8		FIREWORKS	SPD	1-100
9		EXPLOSION	SPD	1-100
10		WELDING	SPD	1-100
11		SOS	CCT	2800K-6500K

Bluetooth Settings

Continuously press the DIM/MODE/ button to enter the Bluetooth settings. Rotate the DIM/MODE/ button to select Bluetooth Off (OFF)/Bluetooth On (ON)/Bluetooth Reset (RESET).

Bluetooth Off (OFF): After Bluetooth is turned off, the "Godox Light" app cannot connect to the light body.

Bluetooth On (ON): After Bluetooth is turned on, you can use the "Godox Light" app to connect to the light body.

Bluetooth Reset (RESET): Select Bluetooth Reset (RESET), then press the DIM/MODE/ button briefly to perform a Bluetooth reset. After the reset is complete, it will automatically return to the Bluetooth settings interface.

Scan the QR code below to download the "Godox Light" app (compatible with both Android and iOS systems).

Note: The first mobile device (phone or tablet) can directly control the light body using the app. When switching to another mobile device, the light body needs to be Bluetooth reset before the app can be used. The app needs to be upgraded to version 3.0 or above.






Low Battery Warning

When the battery level is below one green bar, the display screen will automatically show a low battery symbol.



High Temperature Warning

When the light body display screen shows , it indicates that the lamp bead temperature is too high. It is recommended to pause usage until the display screen no longer shows , and then you can resume using the light.

When the light body display screen shows , it indicates that the light body temperature is too high. The light body will automatically activate the usage restriction function. Once the lamp bead temperature returns to normal, the restriction will be automatically lifted, and you can adjust the brightness by rotating the DIM dial.

Photometric Data

CCT	TestCondition	Unit	1m	2m	3m
2800K	Bare Light	lux	≈2080	≈584	≈309
		fc	≈194	≈54	≈29
	With Reflector	lux	≈18500	≈4630	≈2090
		fc	≈1720	≈430	≈194
3200K	Bare Light	lux	≈2200	≈615	≈316
		fc	≈204	≈57	≈29
	With Reflector	lux	≈19400	≈4900	≈2190
		fc	≈1800	≈455	≈204
4300K	Bare Light	lux	≈2400	≈671	≈346
		fc	≈223	≈62	≈32
	With Reflector	lux	≈21400	≈5300	≈2390
		fc	≈1980	≈492	≈222
5600K	Bare Light	lux	≈2530	≈717	≈364
		fc	≈235	≈67	≈34
	With Reflector	lux	≈22500	≈5620	≈2540
		fc	≈2090	≈522	≈236
6500K	Bare Light	lux	≈2610	≈735	≈376
		fc	≈242	≈68	≈35
	With Reflector	lux	≈23300	≈5780	≈2630
		fc	≈2170	≈54	≈244

The above data is not absolute values but averages. All the tests mentioned above were conducted at 100% brightness of the light body. The mentioned reflector is included as a standard accessory.

Technical Data

Model	ML60II Bi
Power Supply	20V~3.5A
Input Power	Max. ≈70W
Brightness Range	0%-100%
CRI	Average≈96
TLCI	Average≈97
CCT	2800-6500K
FX Type	11
Bluetooth Control Distance	Max. 30m
Working Environment Temperature	-10°C ~+40°C
Dimension	3.46"*3.62"*4.38"
Net Weight (Lamp Head Protective Cover Included)=	≈526g

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:2402MHz – 2480MHz (BT)
Maximum EIRP Power: 8.5dBm

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.