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深圳市神牛摄影器材有限公司

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GODOX Photo Equipment Co., Ltd.

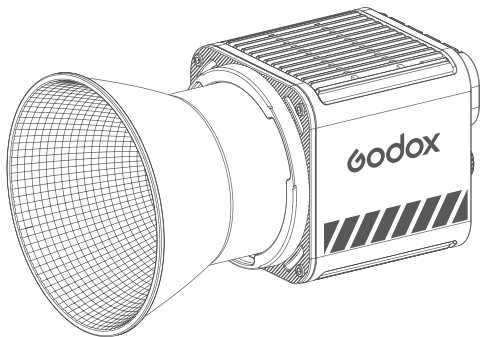
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Made in China | 705-ML62B0-00



Godox



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.

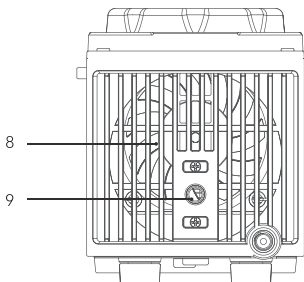
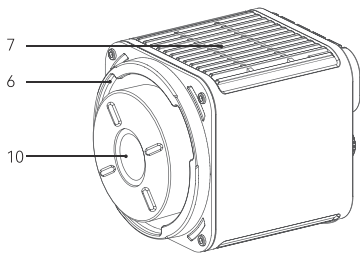
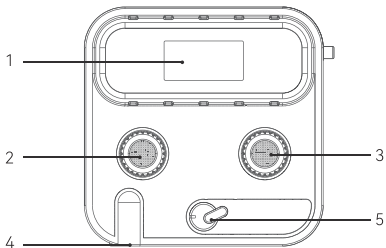
 Do not dismantle the product without authorization. If the product malfunctions, it must be inspected and repaired by our company or authorized maintenance personnel.



Don't stare at a bright light source

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

What's Inside ML60II Bi



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

What's Inside ML60II Bi Kit1



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



NP-F Battery Kit AK-B01
×1

What's Inside ML60II Bi Kit2



Light Body
x1



Reflector
x1



Holder AD-E2
x1



Lamp Head Protective
Cover x1



V-mount Battery Kit AK-B02
x1



Adapter
x1



AC Power Cord
x1



Instruction
Manual x1



Carry Bag
x1

Optional Accessories

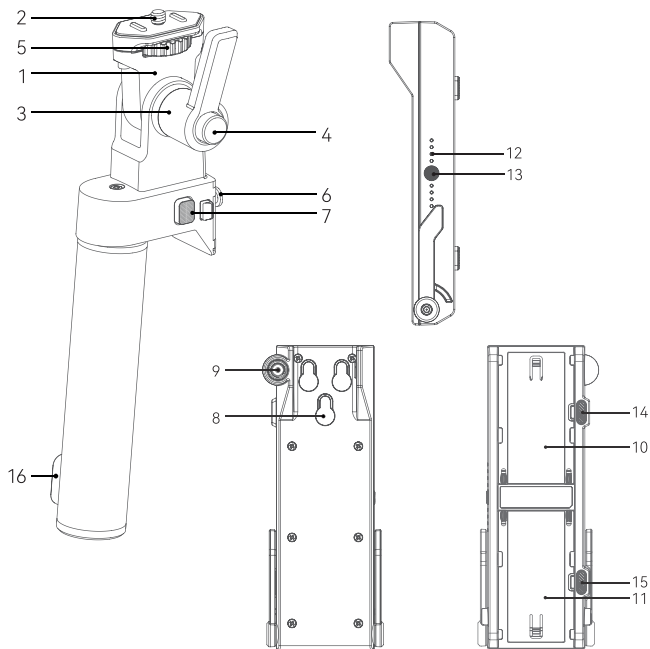


NP-F Battery Kit AK-B01



V-mount Battery Kit AK-B02

NP-F Battery Kit AK-B01



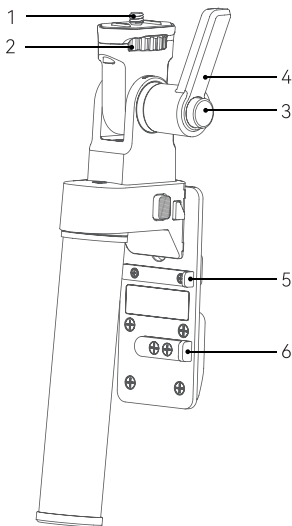
1. Grip Holder
2. 1/4" Screw
3. Direction Adjustment Handle
4. Adjustment Handle Button
5. Locking Wheel for Light Body
6. Battery Case Fixing Buckle
7. Battery Case Push Lock
8. Battery Case Fixing Hole

9. DC Output Port
10. Battery Slot 1
11. Battery Slot 2
12. Battery Level Indicator
13. Battery Level Display Button
14. Battery Attachment/Release Button 1
15. Battery Attachment/Release Button 2
16. Light Stand Retractable Knob

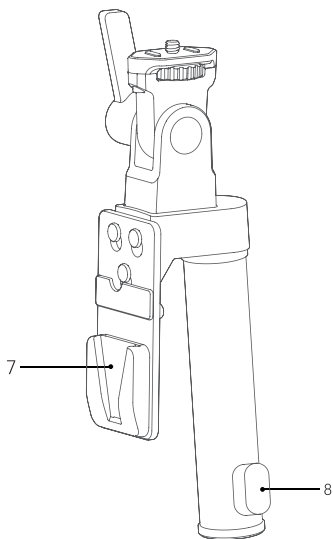
Important note: 1. The battery case only supports battery power and does not support charging the batteries.

2. To use the battery case, two NPF-type batteries must be used simultaneously, and single battery usage is not supported.

V-mount Battery Kit AK-B02



1. 1/4" Screw Hole
2. Locking Wheel for Light Body
3. Adjustment Handle Button
4. Direction Adjustment Handle
5. Battery Plate Attachment/Release Button
6. Battery Attachment/Release Button
7. Battery Slot
8. Light Stand Retractable Knob



Power Management

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

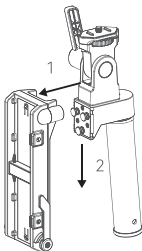
NPF Battery Power Supply: Purchase the AK-B01 Battery Accessory Kit, and insert two NPF batteries. Connect the battery case to the light body using the DC cable for power supply.

V-Mount Battery Power Supply: Battery kit AK-B02 is capable of accommodating one 14.8V V-mount battery. You can connect the battery to the light unit using the D-Tap cable to provide power.

Installation/Removal of AK-B01

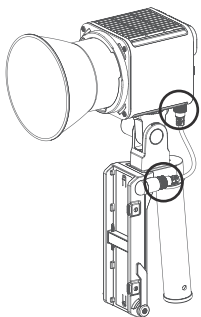
Installation

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.



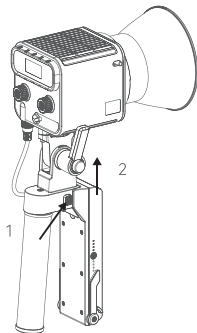
2. Use the DC cable to connect one end to the light body and the other end to the battery case. Finally, insert two NPF batteries to power the device.

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.



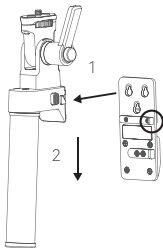
Battery Level Indicator

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.

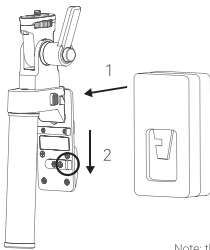
Installation/Removal of AK-B02

Installation

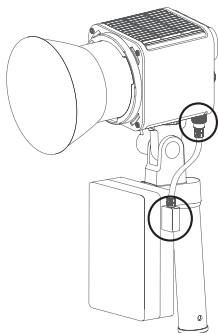
1. Press and hold the V-mount battery plate attachment/release button. Align the battery plate with the fixed hole on the battery case, then push it in until it clicks into place and release your hand to securely install the battery case.



2. Press and hold the V-mount battery attachment/release button. Insert one 14.8V V-mount battery and use one end of the D-Tap adapter cable to connect to the light unit, while the other end is connected to the V-mount battery for power supply.

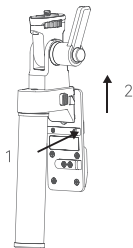


Note: the 14.8V V-mount battery is sold separately.



Removal



After removing the D-Tap adapter cable and V-mount battery, press and hold the V-mount battery plate attachment/release button and simultaneously push the battery plate upward with your hand to detach the battery case.




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.

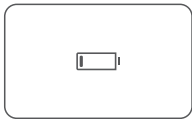
Scan the QR code below to download the "Godox Light" app (compatible with both Android and iOS systems).





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
Light Body 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.

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

Applicable ProductsThe 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 isimplemented 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 onthe 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.	3	Customer sends the product to designated site
Other Items	Lamp body, lamp cover, locking device, package, etc.	No	Without warranty

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