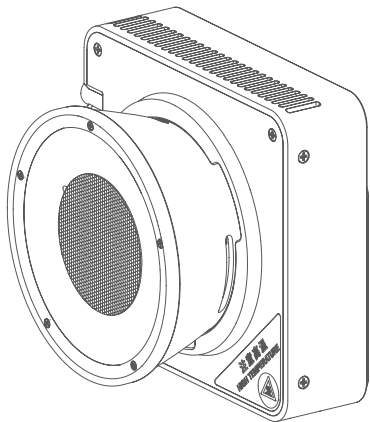# Godox

ML100 Bi

便携 LED 摄影灯
Portable LED Video Light

使用手册
Instruction Manual

Safety Instructions and Attentions

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 attentions must always be followed during use, as follows:

1. Before use, please read and understand these instructions and attentions.
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 see a doctor immediately.
6. If the lamp bead is damaged or deformed by heat, stop using this equipment, 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℃ to 40℃ operating environment 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 complies with 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. For latest product information, please check the GODOX website and view latest electronic instruction.
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 cancelled and relevant fees will be charged for maintenance.
22. Machine failures caused by non-standard operation are not covered by the warranty.

keep these instructions!

Foreword

Thank you for purchasing a Godox product.
Godox introduces the new portable LED video light ML100Bi. It features a square and slim body with a 1/4" screw hole at the bottom, making it compatible with most tripods available in the market. In addition, the ML100Bi supports wireless control through the "Godox light" app, offering two modes: bi-color temperature mode and 11 types of FX modes. This product is suitable for outdoor livestreaming, indoor livestreaming, video shooting, and other scenarios.

⚠ Warning

⚠ Before using the device, please make sure to remove the lamp head protective cover.

⚠ The light beads generate high temperatures. Do not touch the light source during use.

⚠ Do not disassemble the product by yourself. If the product malfunctions, it should be inspected and repaired by our company or authorized personnel.

⚠ Be careful of the high temperature on the light head surface shell in using, and do not touch for a long time. The surface willstill have a high residual temperature after the end of work, please wait for the light body to cool down before touching it for a long time.
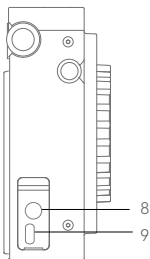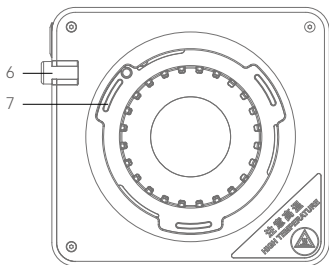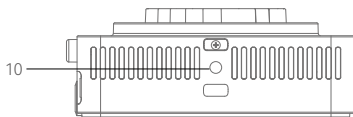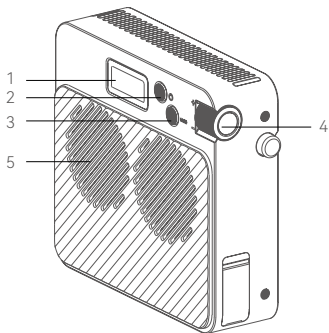
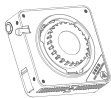Don't stare at a bright light source

Name of Parts

Light Body

1. Display
2. Power Switch
3. MODE/ ✳ Button
4. Select Dial
5. Fan Vent
6. Mount Locking Pusher
7. Godox Mount
8. DC Input Port
9. USB-C Input Port
10. 1/4"Interface

Item List for ML100Bi

Light Body ×1

Lens Reflector ML-L15 ×1

Holder AD-E2 ×1

Lamp Head Protective Cover ×1

Adapter ×1

AC Power Cord ×1

Instruction Manual ×1

Item List for ML100Bi(With Carry Bag)

Light Body ×1

Lens Reflector ML-L15 ×1

Holder AD-E2 ×1

Lamp Head Protective Cover ×1

Adapter ×1

AC Power Cord ×1

Storage Bag ×1

Instruction Manual ×1

Item List for ML100Bi Kit1

Light Body ×1

Lens Reflector ML-L15 ×1

Lens Reflector ML-L36 ×1

Holder AD-E2 ×1

Lamp Head Protective Cover ×1

Adapter ×1

AC Power Cord ×1

Power Bank Holder PH01×1

Mini Tripod MT01 ×1

Storage Bag ×1

Instruction Manual ×1

Item List for ML100Bi Kit2

Light Body ×1

Lens Reflector ML-L15 ×1

Lens Reflector ML-L36 ×1

Lamp Head Protective Cover ×1

Holder AD-E2 ×1

V-mount Battery Accessory Kit AK-B02 ×1

Adapter ×1

AC Power Cord ×1

Storage Bag ×1

Instruction Manual ×1

Item List for ML100Bi Kit3

Light Body × 3

Lens Reflector
ML-L15 × 1

Lens Reflector
ML-L36 × 1
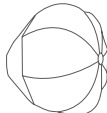
Lamp Head Protective
Cover ×3

Holder AD-E2
× 3

Adapter × 3

AC Power Cord
× 3

60cm Softbox
AD-S60S × 1

30cm Diffusion Dome
ML-CS30 × 1

Light Stand BS-3R-
FE-190 ×3

Storage Bag × 1

Instruction Manual ×1

Optional Accessories

Octagon Softbox ML-SF50, Collapisble Lantern Softbox ML-CS30, Lens Reflector ML-L36, Lens Reflector ML-L15, Power Bank Holder PH01, Godox to Bowens Mount Adapter Ring ML-GB

Power Management

DC Power Supply : Connect the adapter to AC power, input 20V$=$ 6A.

USB-C Power Supply : You can separately purchase a charging adapter or power bank, the output of which is determined by the charging adapter or power bank used.

AK-B02 Power Supply : You can separately purchase a V-mount battery accessory kit AK-B02 and one 14.8V V-mount battery.

Installation of the Lamp Head Protective Cover

Align the lamp head protective cover with the Godox mount and insert it. Rotate the lamp head protective cover clockwise until you hear a "click" sound, indicating that the installation is complete.
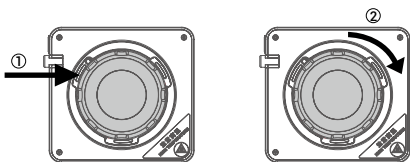

Removal of the Lamp Head Protective Cover

While pushing the lamp fixture's mount locking pusher, rotate the lamp head protective cover counterclockwise to remove it.
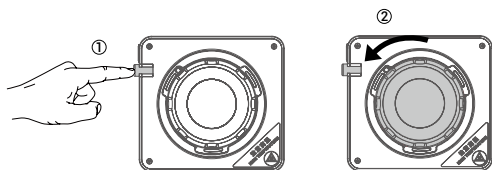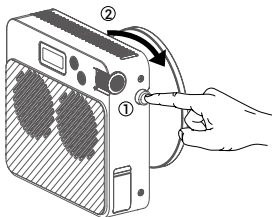
Installation of the Lens Reflector

Align the lens reflector with the Godox mount on the device and insert it. Rotate the lens reflector clockwise until you hear a "click" sound, indicating that the installation is complete.
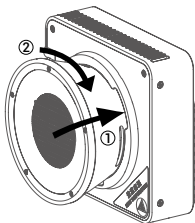
Removal of the Lens Reflector

While pushing the lamp mount locking pusher, rotate the lens reflector counterclockwise to detach it.

Power On/Off

After connecting the power supply, continuously press the power switch button to turn the device on or off.

CCT Mode

Press the MODE/ 🕸 button briefly to switch modes. When the display screen shows "CCT," it indicates that the current mode is the color temperature mode. Press the select dial briefly to select between CCT/Brightness. When selecting CCT, scroll the select dial to adjust the CCT value. Scroll up once to increase CCT by 100k,and scroll down once to decrease CCT by 100k.The CCT range is from 2800K to 6500K.
When selecting brightness, scroll the select dial to adjust the brightness value. Scroll up once to increase the brightness by 1%, and scroll down onec to decrease the brightness by 1%.The brightness range is from 0% to 100%.

FX Mode

Press the MODE/ 🕸 button briefly to switch modes. When the display shows "FX," it indicates that the current mode is the FX Mode. Press the select dial briefly to select lighting effects/lighting effect parameters/brightness.
When selecting lighting effects, scroll the select dial to choose from the 11 available lighting effect types.
When selecting lighting effect parameters, scroll the select dial to adjust specific lighting effect parameters within the range specified in the table below.
When selecting brightness, scroll the select dial to adjust the brightness value. Scroll up once to increase the brightness by 1%, and scroll down once to decrease the brightness by 1%. The brightness range is from 0% to 100%.

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	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	SOS	CCT	2800K-6500K

Bluetooth Settings

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

Bluetooth Reset (RESET): Select Bluetooth Reset (RESET), then press the select dial briefly to perform a Bluetooth reset. After the reset is complete, it will automatically return to the main interface.

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

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

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

Please power the device with an external battery pack through DC port. When the battery level is below one green bar, the display screen will automatically show a low battery symbol.
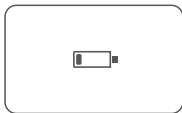
High Temperature Warning

When the top of the display 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 full screen of the display shows ▯▤, it indicates that the light body temperature is too high. The light fixture will automatically activate the light-off function. Once the temperature of the light beads returns to normal, the light fixture will resume normal operation.

Photometric Data

CCT	Test Condition	Unit	1m	2m	3m
2800K	Bare Light	lux	≈ 2580	≈ 682	≈ 316
		fc	≈ 239	≈ 63	≈ 29
	Lens Reflector ML-L15	lux	≈ 24100	≈ 6010	≈ 2800
		fc	≈ 2240	≈ 558	≈ 260
	Lens Reflector ML-L36	lux	≈ 12500	≈ 3140	≈ 1380
		fc	≈ 1160	≈ 292	≈ 128
3200K	Bare Light	lux	≈ 2990	≈ 777	≈ 363
		fc	≈ 278	≈ 72	≈ 34
	Lens Reflector ML-L15	lux	≈ 27900	≈ 7040	≈ 3250
		fc	≈ 2590	≈ 654	≈ 302
	Lens Reflector ML-L36	lux	≈ 14500	≈ 3640	≈ 1610
		fc	≈ 1350	≈ 338	≈ 150
4300K	Bare Light	lux	≈ 3520	≈ 916	≈ 427
		fc	≈ 327	≈ 85	≈ 40
	Lens Reflector ML-L15	lux	≈ 32900	≈ 8350	≈ 3860
		fc	≈ 3060	≈ 776	≈ 359
	Lens Reflector ML-L36	lux	≈ 17100	≈ 4320	≈ 1910
		fc	≈ 1590	≈ 401	≈ 177
5600K	Bare Light	lux	≈ 3670	≈ 953	≈ 446
		fc	≈ 341	≈ 89	≈ 41
	Lens Reflector ML-L15	lux	≈ 34300	≈ 8800	≈ 4040
		fc	≈ 3190	≈ 817	≈ 376
	Lens Reflector ML-L36	lux	≈ 17900	≈ 4480	≈ 1990
		fc	≈ 1660	≈ 416	≈ 185
6500K	Bare Light	lux	≈ 3380	≈ 878	≈ 410
		fc	≈ 314	≈ 82	≈ 38
	Lens Reflector ML-L15	lux	≈ 31200	≈ 8100	≈ 3730
		fc	≈ 2840	≈ 752	≈ 346
	Lens Reflector ML-L36	lux	≈ 16500	≈ 4130	≈ 1830
		fc	≈ 1530	≈ 383	≈ 170

The above data is not absolute values but averages. All the tests mentioned above were conducted at 100% brightness of the light body. Lens reflector ML-L15 is included, while lens Reflector ML-L36 is sold separately.

Technical Data

Model	ML100Bi
Power Supply	20V⎓6A
Max. Input Power	≈120W
Brightness Range	0%-100%
CRI	Average≥97
TLCI	Average≥98
CCT	2800-6500K
FX Type	11
Bluetooth Control Distance	Max.30m
Working Environment Temperature	-10℃ ~+40℃
Dimension(Excluding lens reflector)	4.80" × 4.33" × 1.81"
Net Weight(Excluding lens reflector)	487g

Specifications and data may subject to changes without notice.

Maintenance

1. To prevent dust buildup affecting performance, please clean the exterior of the device regularly using a soft, damp cloth.
2. This product, except consumables, is supported with a one-year warranty.
3. Unauthorized service will void the warranty. Maintenance of the light must be performed by our authorized maintenance department which can provide original accessories.
4. Unauthorized repairs of this product will void the one-year warranty, and repair fees will be charged for any repairs.
5. If the product had failures or got wet, do not use it until it is repaired by professionals.
6. Changes made to the specifications or designs may not be reflected in this manual.