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说明书版本号: V1.1  
控制盒固件版本号: V0.13  
灯头固件版本号: V0.03

Instruction Manual Version: V1.1  
Controller Firmware Version: V0.13  
Lamp Head Firmware Version: V0.03

深圳市神牛摄影器材有限公司

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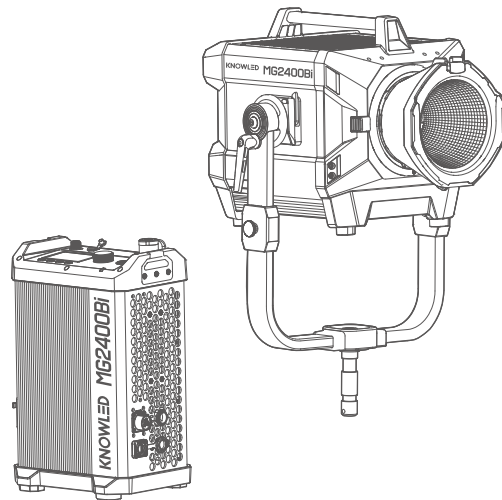
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godox.com

Made in China I 705-MG24B0-03



KNOWLED  
MG2400Bi

诺力双色温LED影视灯  
KNOWLED Bi-color LED Light

使用手册  
Instruction Manual



规格参数

型号	MG2400Bi		
供电	100V-240V~50/60Hz 30A(Max.)		
最大输入功率	≈2900W		
色温	2800-6500K		
调光范围	0%-100%		
调光模式	线性/S曲线/指数/对数		
光效模式	11类		
CRI	平均≥96		
TLCI	平均≥96		
灯体/控制器防水等级	IP54		
控制方式	DMX 512控制台控制，支持RDM协议/LumenRadio CRMX控制/蓝牙App控制/以太网支持 Art-Net & sACN协议/离机遥控器控制/灯体控制（离机遥控器RC11需另购）		
蓝牙控制距离	最远100m		
USB-A接口	固件升级/5V = 1.5A供电		
尺寸（灯体不包含U型支架和反光罩）	灯体: 409mm×385 mm×356mm      控制器: 280mm×420mm×210mm		
净重*	灯体（不包含U型支架和反光罩）: 20kg      控制器: 13kg		

设计和规格如有变更，恕不另行通知。

本设备包含型号核准代码为: CMIIT ID:23J44811A003,为该产品的无线电发射模块。

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 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 -20℃ to 45℃ 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. If an extension cord is required, please use an extension cord with a current rating greater than or equal to that of the equipment. If an extension cord is rated less than the equipment, overheating may result.
11. Some products have long power cords, please place the power cords properly and keep them in a safe place. Avoid contacting the power cord with overheating surfaces, avoid improper placement that could cause pulling damage, or trip on-site personnel. Please use the certified power cord from the original manufacturer. If the product is damaged by using a non-certified power cord, it will not be repaired by our factory.
12. 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.
13. Do not disassemble the product without permission. If the product fails, it must be checked and repaired by authorized maintenance personnel.
14. 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.



15. Do not place equipment near flammable and volatile solvents such as alcohol and gasoline.
16. Do not use accessories that are not recommended by our factory to avoid fire, electric shock or personal injury.
17. 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.
18. Please take off the protective cover before using.
19. This product complies with ROHS, CE, and FCC certification, please refer to the relevant national standards for use and operation.
20. 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.
21. One-year warranty period, accessories such as consumable batteries, adapters, power cords, etc. are not covered by this warranty.
22. 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.
23. Machine failures caused by non-standard operation are not covered by the warranty.

**keep these instructions!**

## Forward

Thank you for purchasing!

MG2400Bi is a brand new high power LED light, with the following powerful features and functions: input power of 2900W, support 100V-240V~50/60Hz power supply which allows you to use it anywhere in the world, ultra-high and thousand-bit adjustable brightness, separate design of light body and controller, IP54 rate, four dimming curves, wide CCT range from 2800K to 6500K, CRI $\geq$ 96 & TLCI $\geq$ 96, various wireless controlling methods, and etc. This new product is suitable for shooting scenes in large-scale photography studios, film and television studios, broadcast studios, outdoor exteriors and large field scenes.

## Main Features

- 2600W strong output power in full CCT range.
- Thousand-bit adjustable brightness from 0% to 100%.
- Wide CCT range adjustable from 2800K to 6500K.
- Super high CRI: CRI $\geq$ 96, TLCI $\geq$ 96
- Four dimming curves: linear, S-curve, exponential, logarithmic.
- Various wireless controlling methods: support DMX 512/LumenRadio CRMX/Bluetooth App control.
- With the brand new Godox G-Mount, communication contacts and intelligent accessory recognition, the safety index for the use of high-power lighting fixture is significantly improved.
- IP54 rate keeps the light head and controller from dust and water.
- Adopt efficient heat dissipation system design with large fan to meet the cooling needs of large LED light.
- 11 FX modes: flash, lightning, cloudy, broken bulb, TV, candle, fire, firework, explosion, welding, SOS.

## Warning

- ▲ Do not look directly at the LED light or illuminate at others' eyes.
- ▲ Do not plug or unplug the power cable or connecting cable when the power is turned on, otherwise personal injuries may occur.
- ▲ Do not cover the heat dissipation vent in working status.
- ▲ Keep out of reach of children.
- ▲ Please make sure to follow the instruction manual and correctly use this professional lighting device.

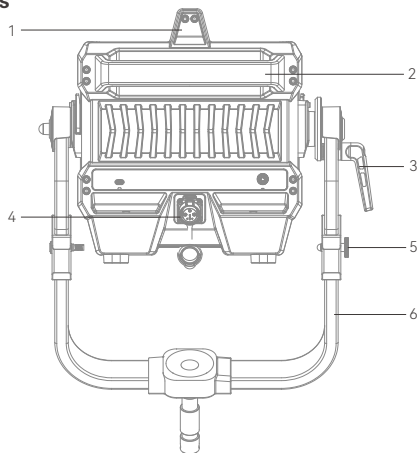


Don't stare at a bright light source

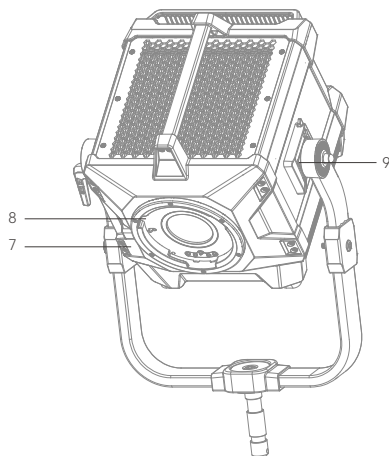


## Name of Parts

### Light Body

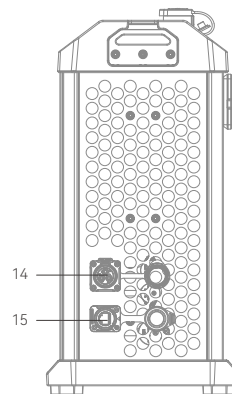
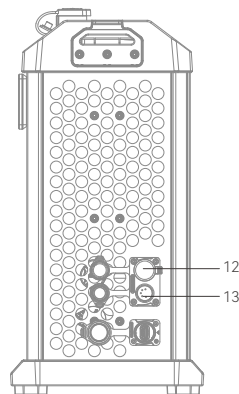
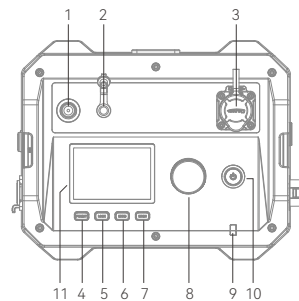


1. Handle 1
2. Handle 2
3. Direction Adjustment H handle
4. DC Input Port
5. Lanyard Attachment
6. Yoke
7. Mount Locking Pusher
8. Godox G-Mount
9. Quick Install Device



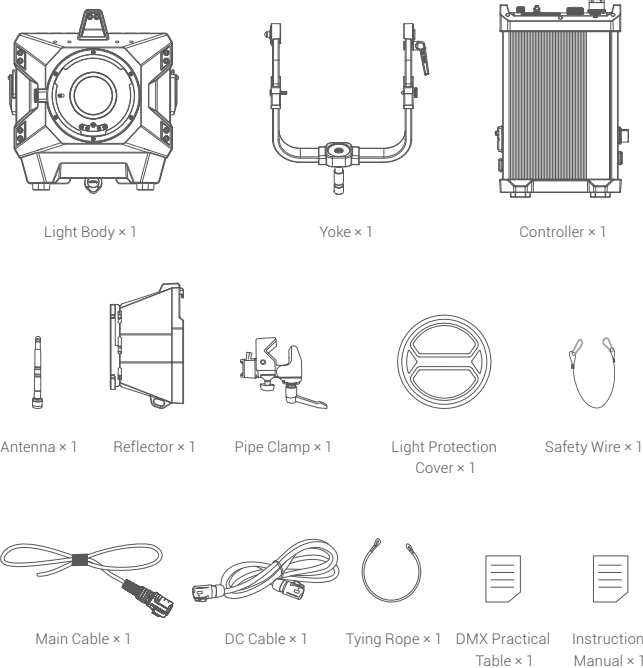
### Controller

1. Antenna Port
2. Remove Controller Port
3. DC Output Port
4. PRESET Button
5. LOCK Button
6. MENU Button
7. MODE Button
8. Adjust Dial
9. Wireless CRMX Indicator
10. Power Switch
11. Display
12. DMX OUT Port
13. DMX IN Port
14. AC Input Port
15. Ethernet Port

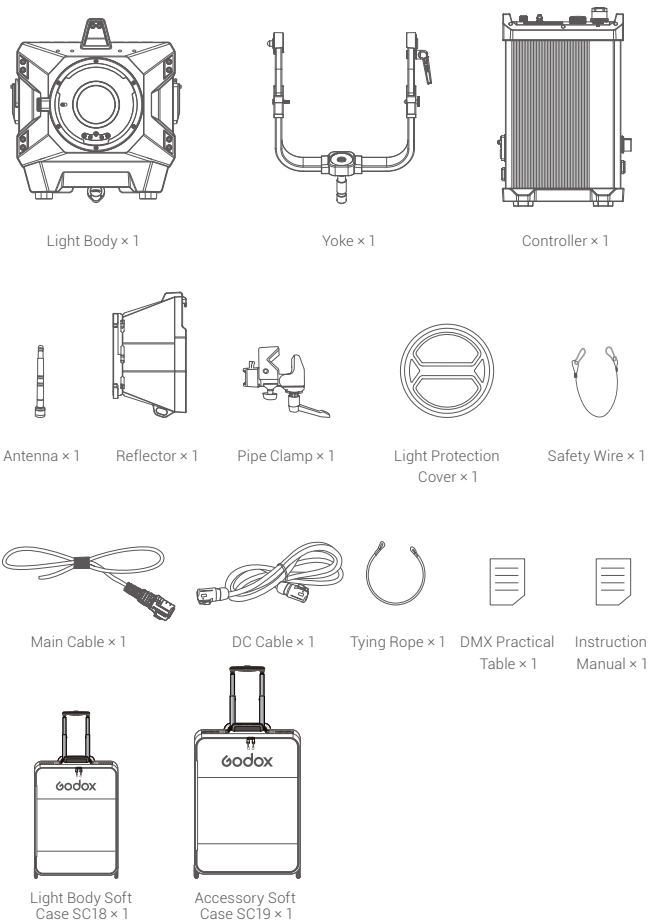




What's Inside MG2400Bi

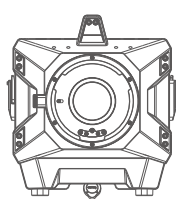


What's Inside MG2400Bi K1

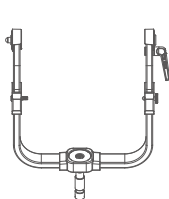




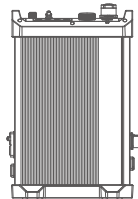
# What's Inside MG2400Bi K2



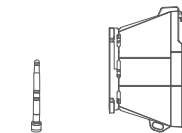
Light Body × 1



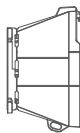
Yoke × 1



Controller × 1



Antenna × 1



Reflector × 1



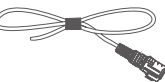
Pipe Clamp × 1



Light Protection  
Cover × 1



Safety Wire × 1



Main Cable × 1



DC Cable × 1



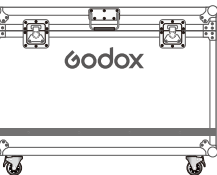
Tying Rope × 1



DMX Practical  
Table × 1



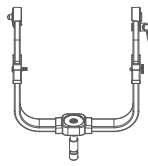
Instruction  
Manual × 1



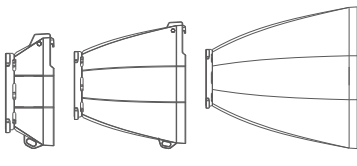
Flight Case × 1

Note: Due to continuous updates and upgrades of the products, there may be differences between the actual products and the pictures. Therefore, the pictures are for reference only, products to prevail in kind.

# Optional Accessories



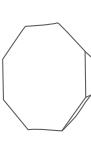
Yoke G2400BY01



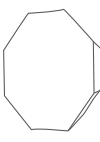
Reflector Kit GRK



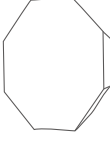
Fresnel Lens GF14



Octa G03



Octa G04



Octa G05



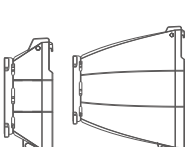
Parabolic  
Softbox GP3



Parabolic  
Softbox GP4

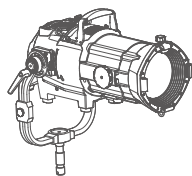


Parabolic  
Softbox GP5

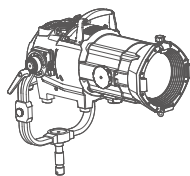


Reflector Kit GRK2

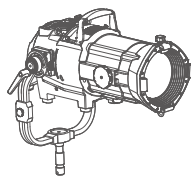




Projection GP19K



Projection GP26K



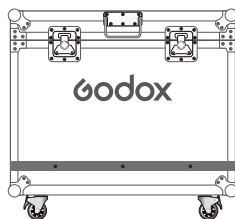
Projection GP36K



Soft Case SC18



Soft Case SC19



Flight Case FC05



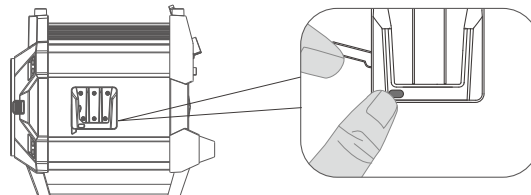
Barndoor GR45B



Barndoor GR30B

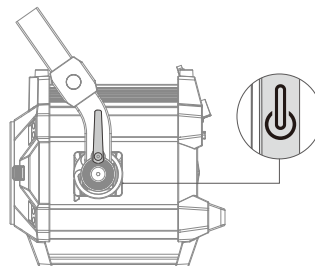
## Installation and Disassembly

### 1. Installing the Yoke

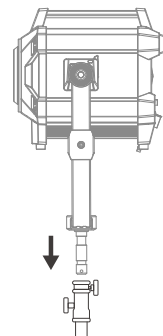


1.1 Place the light on a flat surface with the heat dissipation side upward.

1.2 Press down the quick install device button and remove the wrench.



1.3 Align both ends of the yoke with the quick install device, lock the wrenches on both sides, and then the "click" indicates successful installation.



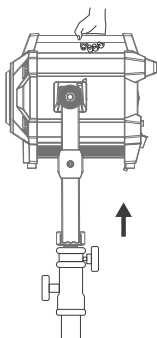
1.4 Install the light on the roller stand and lock the fixing knob on the roller stand.

Note: The roller stand is sold separately.

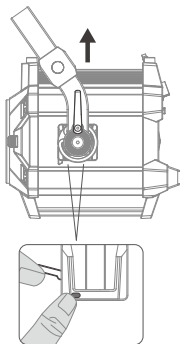
⚠ Please be careful when installing the light as it is quite heavy.



## 2. Disassembling the Yoke

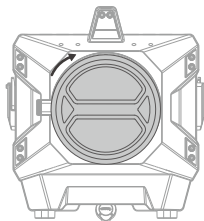


2.1 Hold the handle of the light and remove it from the roller stand then place it on a flat surface.

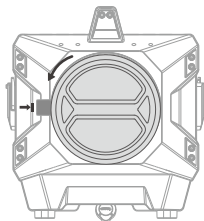


2.2 Press and hold the quick install device button and release the wrench to remove the yoke.

## 3. Installing/Disassembling the Light Protection Cover

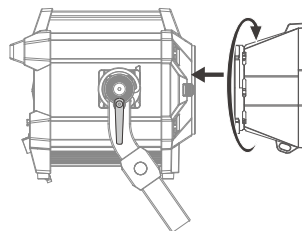


3.1 Align the light protection cover with the mount and rotate clockwise to install.



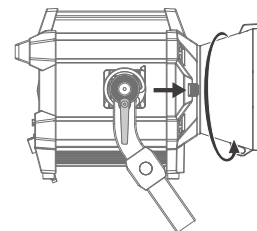
3.2 Press and hold the mount locking pusher and rotate counterclockwise to remove the light protection cover.

## 4. Installing/Disassembling the Reflector



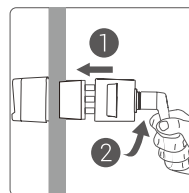
4.1 Align the reflector with the mount, insert and then rotate clockwise to install.

Note: Make sure to align the reflector with the mount of the lamp head.

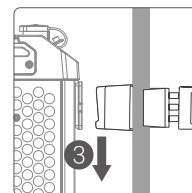


4.2 Press and hold the mount locking pusher and rotate counterclockwise to remove the light protection cover.

## 5. Installing the Controller on the Light Stand

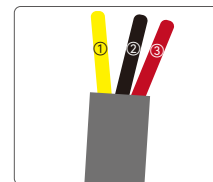


5.1 Loosen the handle of pipe clamp and insert the light stand pole, rotate the handle clockwise to lock the mounting device, then align the quick install device with the slot of mounting device and insert it.



## 6. AC Power Cord Connection Instructions

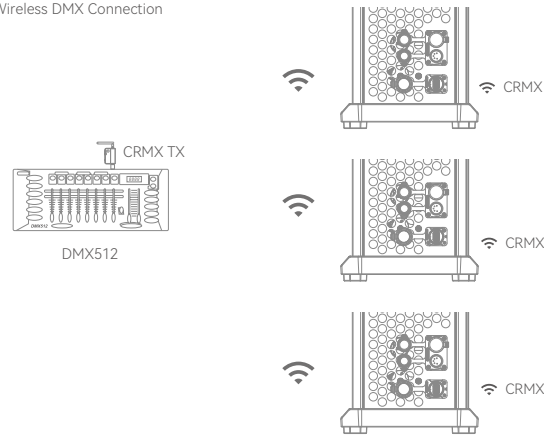
Wire 1 (yellow) is the ground wire, wire 2 (black) is the neutral wire, while wire 3 (red) is the live wire. Please ensure proper connection by matching the corresponding wires to the appropriate terminals on the plug before use.



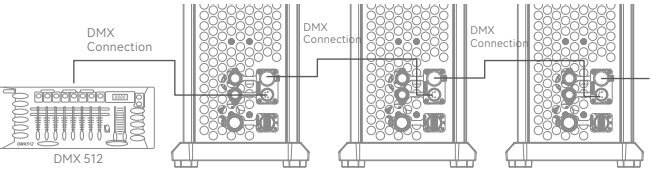


## 7. Connect to DMX 512 Controller

### 7.1 Wireless DMX Connection



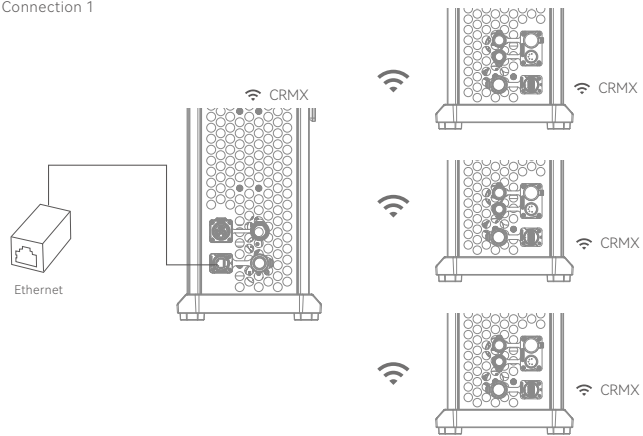
### 7.2 Wired DMX Connection



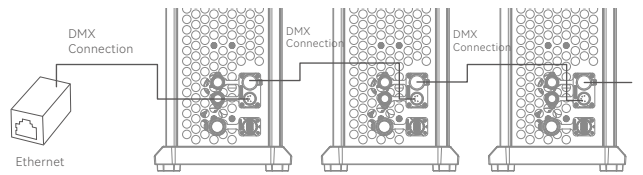
Note: The DMX cable is sold separately.

## 8. Connect to Ethernet

### Connection 1

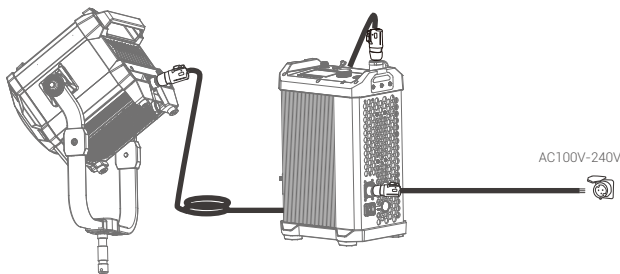


### Connection 2





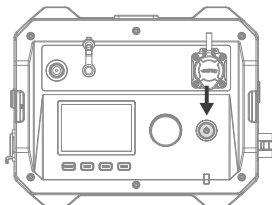
## Power Supply



Note: Do not plug or unplug the power cord or connecting cable when the power is turned on, otherwise injuries may occur.

## Power On/Off

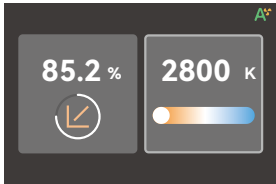
Connect the device to the power source and briefly press the power switch button on the controller to turn it on or off.



## CCT Mode

Briefly press the MODE button to switch to CCT mode. Briefly press the adjust dial to switch between the brightness setting interface and color temperature setting interface.

In the brightness setting interface, turn the adjust dial to adjust the brightness ratio from 0% to 100%. Turning the adjust dial clockwise once will increase the value by 0.1 unit, while turning it counterclockwise once will decrease the value by 0.1 unit. Quick adjustment is also available during rapid rotation.



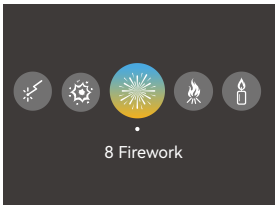
In the color temperature setting interface, turn the adjust dial to adjust the color temperature from 2800K to 6500K.

Turning the adjust dial clockwise once will increase the value by 100 units, while turning it counterclockwise once will decrease the value by 100 units.

## FX Mode

Briefly press the MODE button to switch to FX mode. Turn the adjust dial to switch among the following 11 effects: flash, lightning, cloudy, broken bulb, TV, candle, fire, firework, explosion, welding, SOS.

Select the desired lighting effect and briefly press the adjust dial to enter the effect setting interface.



### 1. Flash Effect

In the flash effect setting interface, turn the adjust dial to select options among switch, dim, CCT, auto, manual, speed, mode, etc. Briefly press the adjust dial to select the desired option then turn the dial to adjust the options (except for the auto and manual options). Finally, continuously press the adjust dial/briefly press the MODE button to return to the previous menu.

Switch: Turn on/off the effect
Dim: 0%-100%
CCT: 2800K-6500K
Speed: 1-100
Mode: Camera Flash/Flash Bulb

Note: If manual is selected, the flash effect can be triggered once by briefly pressing the adjust dial.

### 2. Lightning Effect

In the lightning effect setting interface, turn the adjust dial to select options among switch, dim, CCT, auto, manual, times, frequency, etc. Briefly press the adjust dial to select the desired option then turn the dial to adjust the options (except for the auto and manual options). Finally, continuously press the adjust dial/briefly press the MODE button to return to the previous menu.

Switch: Turn on/off the effect
Dim: 0%-100%
CCT: 2800K-6500K
Times: Random/1-10
Frequency: Random /2-20

Note: If manual is selected, the lightning effect can be triggered once by briefly pressing the adjust dial.



3. Cloudy Effect ☁️

In the cloudy effect setting interface, turn the adjust dial to select options among switch, dim, ratio, speed, etc. Briefly press the adjust dial to select the desired option then turn the dial to adjust the options. Finally, continuously press the adjust dial/briefly press the MODE button to return to the previous menu.

Switch: Turn on/off the effect
Dim: 0%-100%
Ratio: 10%-90%
Speed: Random/1-100

4. Broken Bulb Effect 💡

In the broken bulb effect setting interface, turn the adjust dial to select options among switch, dim, CCT, speed, etc. Briefly press the adjust dial to select the desired option then turn the dial to adjust the options. Finally, continuously press the adjust dial/briefly press the MODE button to return to the previous menu.

Switch: Turn on/off the effect
Dim: 0%-100%
CCT: 2800K-6500K
Speed: 1-100

5. TV Effect 📺

In the TV effect setting interface, turn the adjust dial to select options among switch, dim, speed, etc. Briefly press the adjust dial to select the desired option then turn the dial to adjust the options. Finally, continuously press the adjust dial/briefly press the MODE button to return to the previous menu.

Switch: Turn on/off the effect
Dim: 0%-100%
Speed: 1-100

6. Candle Effect 🕯️

In the candle effect setting interface, turn the adjust dial to select options among switch, dim, speed, etc. Briefly press the dial to select the desired option then turn the adjust dial to adjust the options. Finally, continuously press the adjust dial/briefly press the MODE button to return to the previous menu.

Switch: Turn on/off the effect
Dim: 0%-100%
Speed: 1-100

7. Fire Effect 🔥

In the fire effect setting interface, turn the adjust dial to select options among switch, dim, speed, etc. Briefly press the adjust dial to select the desired option then turn the dial to adjust the options. Finally, continuously press the adjust dial/briefly press the MODE button to return to the previous menu.

Switch: Turn on/off the effect
Dim: 0%-100%
Speed: 1-100

8. Firework Effect 🎆

In the firework effect setting interface, turn the adjust dial to select options among switch, dim, speed, embers, etc. Briefly press the adjust dial to select the desired option then turn the dial to adjust the options. Finally, continuously press the adjust dial/briefly press the MODE button to return to the previous menu.

Switch: Turn on/off the effect
Dim: 0%-100%
Speed: 1-100
Embers: 01-100

9. Explosion Effect 💣

In the explosion effect setting interface, turn the adjust dial to select options among switch, dim, CCT, auto, manual, speed, embers, etc. Briefly press the adjust dial to select the desired option then turn the dial to adjust the options (except for the auto and manual options). Finally, continuously press the adjust dial/briefly press the MODE button to return to the previous menu.

Switch: Turn on/off the effect
Dim: 0%-100%
CCT: 2800K-6500K
Speed: 1-100
Embers: 1-100

Note: If manual is selected, the explosion effect can be triggered once by briefly pressing the adjust dial.

10. Welding Effect ⚡

In the welding effect setting interface, turn the adjust dial to select options among switch, dim, CCT, speed, etc. Briefly press the adjust dial to select the desired option then turn the dial to adjust the options. Finally, continuously press the adjust dial/briefly press the MODE button to return to the previous menu.

Switch: Turn on/off the effect
Dim: 0%-100%
CCT: 2800K-6500K
Speed: 1-100

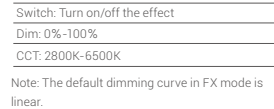
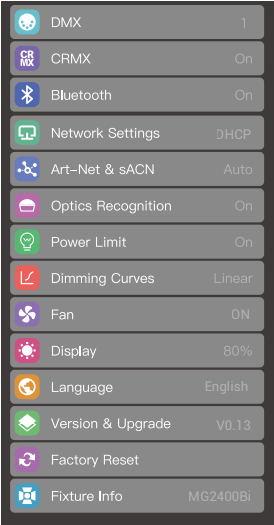


11. SOS Effect SOS

In the SOS effect setting interface, turn the adjust dial to select options among switch, dim, CCT, etc. Briefly press the adjust dial to select the desired option then turn the dial to adjust the options. Finally, continuously press the adjust dial/briefly press the MODE button to return to the previous menu.

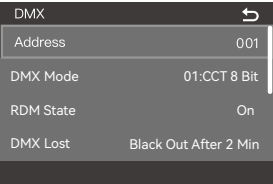
Menu Settings

Briefly press the MENU button to enter menu settings, turn the adjust dial to select among the following options: DMX, CRMX, Bluetooth, Network settings, Art-Net & sACN, optics recognition, power limit, dimming curves, fan, display, language, version & upgrade, factory reset, fixture info.

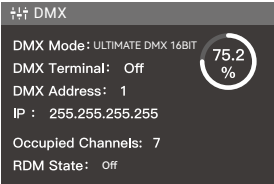


1. DMX

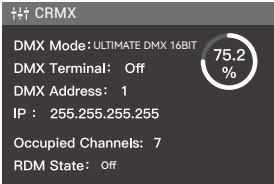
Briefly press the adjust dial to enter DMX setting interface. Turn the adjust dial to select options among address, DMX mode, RDM state, DMX lost, termination, extend DMX channels. Briefly press the adjust dial to select the desired option then turn it to adjust settings. Finally, briefly press the adjust dial to exit the current setting, briefly press the MENU button to return to the previous menu.



Interface when connected to DMX



Interface when connected to CRMX



Level 1 Option	Level 2 Option	Description
Address	1-512	Initial address
DMX Mode	01:CCT 8 bit	CCT Mode in 8 bit
	02:FX 8 bit	FX Mode in 8 bit
	03:CCT 16 bit	CCT Mode in 16 bit
	04:FX 16 bit	FX Mode in 16 bit
	05:ULTIMATE DMX 8 bit	DMX Mode in 8 bit
	06:ULTIMATE DMX 16 bit	DMX Mode in 16 bit
RDM State	On	Turn on RDM
	Off	Turn off RDM
DMX Lost	Hold Last Command	After the DMX control signal is lost, continue to use the last received DMX control signal until power down or a valid DMX control signal is received again.
	Black Out	The light is off immediately.
	Black Out After 2 Min	After the DMX control signal is lost, continue to use the last received DMX control signal for 2 minutes then black out. Note: If a valid DMX control signal is received within 2 minutes, then use the new DMX control signal.
Termination	On	Turn on DMX terminal
	Off	Turn off DMX terminal
Extend DMX Channels	On	Turn on extend DMX channels
	Off	Turn off extend DMX channels

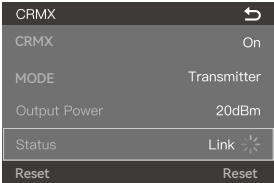


Note: Please refer to the DMX Practical Table to control the device by DMX/RDM. The electronic version can be downloaded from the official website <https://www.godox.com>.

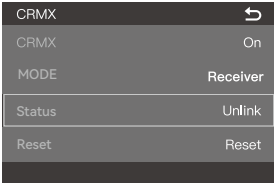
2. CRMX

Briefly press the adjust dial to enter CRMX setting interface. Turn the adjust dial to select options between switch and mode. Briefly press the adjust dial to select the desired option then turn it to adjust settings. Finally, briefly press the adjust dial to exit the current setting, briefly press the MENU button to return to the previous menu.

Note: Before selecting the transmit mode/receive mode, perform a reset first.



Transmitter mode in CRMX



Receiver mode in CRMX

Level 1 Option	Level 2 Option	Description
CRMX	On	Turn on CRMX
	Off	Turn off CRMX
Mode	Transmitter	Transmitter mode
	Receiver	Receiver mode
Output Power	5dBm	Output power value = 5dBm (only adjustable in transmitter mode)
	11dBm	Output power value = 11dBm (only adjustable in transmitter mode)
	16dBm	Output power value = 16dBm (only adjustable in transmitter mode)
	20dBm	Output power value = 20dBm (only adjustable in transmitter mode)
Status	Link	To enter linked status (only adjustable in transmitter mode)
	Linking	Linking (only adjustable in transmitter mode)

3. Bluetooth

Briefly press the adjust dial to enter Bluetooth setting interface. Turn the adjust dial to select options between switch and reset. Briefly press the adjust dial to select the desired option then turn the dial to adjust settings. Finally, briefly press the MENU button to return to the previous menu.

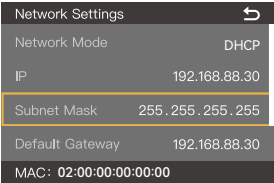
Scan the QR code to download the "Godox Light" smartphone app version 3.0 or above (can be used in Android and iOS).



Note: The app can be used directly on the firstly installed device (smartphone or iPad). When change to other mobile device (smartphone or iPad), the light shall be reset before the normal connection of the app.

4. Network Settings

Briefly press the adjust dial to enter network settings interface. Turn and briefly press the adjust dial to select network mode, then turn the dial to select among DHCP, Art-Net 2.x, Art-Net 10.x and manual. Finally, briefly press the MENU button to return to the previous menu.



Godox KNOWLED App



Level 1 Option	Level 2 Option	Description
Network Mode	DHCP	DHCP mode
	Art-Net 2.x	To use 2.B.C.D network
	Art-Net 10.x	To use 10.B.C.D network
	Manual	Set the network IP, subnet mask, and default gateway manually.
IP	AAA.BBB.CCC.DDD	The ID address is assigned by DHCP in DHCP mode.
		The ID address is 2.B.C.D in Art-Net 2.x mode.
		The ID address is 10.B.C.D in Art-Net 10.x mode.
		In manual mode: AAA = 0-255 BBB = 0-255 CCC = 0-255 DDD = 0-255
Subnet Mask	255.BBB.CCC.DDD	The subnet mask is 255.BBB.CCC.DDD and can not be adjusted by menu settings in DHCP/Art-Net 2.x/Art-Net 10.x mode.
		In manual mode: AAA = 0-255 BBB = 0-255 CCC = 0-255 DDD = 0-255
Default Gateway	AAA.BBB.CCC.DDD	The default gateway is assigned by DHCP in DHCP mode.
		The default gateway is 2.B.C.D in Art-Net 2.x mode.
		The default gateway is 10.B.C.D in Art-Net 10.x mode.
		In manual mode: AAA = 0-255 BBB = 0-255 CCC = 0-255 DDD = 0-255

5. Art-Net & sACN

Briefly press the adjust dial to enter Art-Net & sACN setting interface. Turn and briefly press the adjust dial to select options among auto, Art-Net, sACN and off, then other level 2 options are available to adjust. Finally, briefly press the MENU button to return to the previous menu.

Art-Net & sACN	
Art-Net&sACN	Auto
Art-Net Net	101
Art-Net Sub-Net	12
Art-Net Port	11

Level 1 Option	Level 2 Option	Description
Art-Net&sACN	Auto/Art-Net/sACN/Off	Auto: Art-Net & sACN two protocols are accepted.
		Art-Net: Only Art-Net protocol.
		sACN: Only sACN protocol.
		Off: No network protocols are accepted.
Art-Net Net	0-127	Art-Net network
Art-Net Sub-Net	0-15	Choose Art-Net subnet in Art-Net network.
Art-Net Port	0-15	Art-Net port
Art-Net Universe	0...32767	Art-Net universe
sACN Universe	1...63999	sACN universe

6. Optics Recognition

Briefly press the adjust dial to enter optics recognition setting interface. Turn and briefly press the adjust dial to turn the function on or off. Finally, briefly press the MENU button to return to the previous menu.

Note: The light will not be lightened if the optics is not correctly installed even optics recognition function is turned on.

Optics Recognition	
Optics Recognition	On
⚠️ Optics Recognition failed	

7. Power Limit

Briefly press the adjust dial to enter power limit setting interface. Rotate and briefly press the adjust dial to turn the function on or off. Finally, briefly press the MENU button to return to the previous menu.

Max. limit:10%-100%

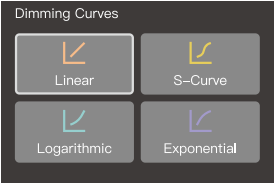
Note: If the power supply environment is unable to meet the requirements for powering on, you can activate this function while the device is in the powered-off state. Simultaneously press the Preset button and MODE button, and the device will automatically enter the Power Limit mode upon startup (default power limitation is set to 50%).

Power Limit	
Power Limit	On
Maximum Limit	80%



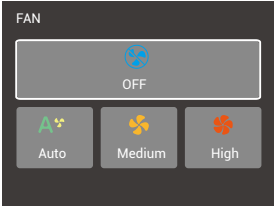
8. Dimming Curves

Briefly press the adjust dial to enter dimming curves setting interface. Rotate and briefly press the adjust dial to choose among linear, S-curve, exponential and logarithmic. Finally, briefly press the adjust dial/MENU button to return to the previous menu.



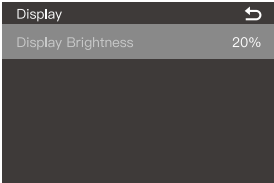
9. Fan

Briefly press the adjust dial to enter fan setting interface. Rotate and briefly press the adjust dial to choose among mute, auto, medium, and high. Finally, briefly press the adjust dial/MENU button to return to the previous menu.



10. Display

Briefly press the adjust dial to enter display setting interface. Rotate and briefly press the adjust dial to adjust display brightness from 10% to 100%. Finally, briefly press the MENU button to return to the previous menu.



11. Language

Briefly press the adjust dial to enter language setting interface. Rotate and briefly press the adjust dial to select between Simplified Chinese and English. Finally, briefly press the MENU button to return to the previous menu.



12. Version & Upgrade

Briefly press the adjust dial to enter version & upgrade setting interface to check the firmware version of lamp head & controller and upgrade instruction. Then, short press the MENU button to return to the previous menu.



13. Factory Reset

To access the factory reset interface, briefly press the adjust dial. Rotate the adjust dial to select "Yes" or "No," then briefly press the adjust dial to complete the setting. Once you have confirmed the factory reset, the light fixture will restart, and the interface will automatically display options for Chinese and English. Rotate the dial to select an option and then press the dial to confirm the setting. At this point, the brightness value of the light will automatically be set to 100% and the interface will return to CCT mode interface.

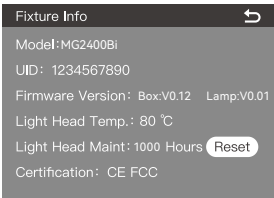





14. Fixture Info

Briefly press the adjust dial to enter fixture info setting interface to check model, UID NO., firmware version of lamp head and controller, light head temp., lamp maintenance time reminder, certification etc. Then, briefly press the MENU button to return to the previous menu.

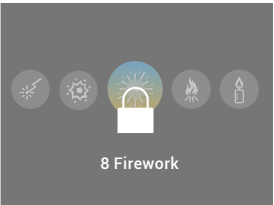
When the lamp head displays a remaining maintenance time of 0 hours, it is recommended for the customer to clean the glass or other parts of the lamp head. We suggest using a dry or soft cloth to wipe away any dirt or debris on the equipment. Once the maintenance is complete, if you choose to reset, the lamp head maintenance time will start counting again.



Lock Setting

Briefly press the LOCK button, the panel is locked when <  > is displayed on the panel, briefly press again to unlock.

Note: The locking function only works on the controller panel, other operations are still available.



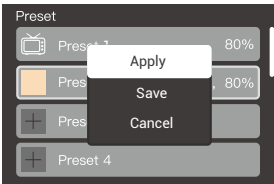
Preset Setting

Briefly press the PRESET button to enter preset effects interface. Rotate and briefly press the adjust dial to choose and enter preset effects 1-20, then briefly press to select save or cancel. Then, briefly press the adjust dial to return to the previous menu and briefly press the PRESET button to exit.

Apply: Apply this set of preset lighting effects.  
Save: Save the current lighting effect of the light fixture.

Cancel: Return to the previous interface.

Note: If light effect data has been previously saved, there will be an additional option.



Software Upgrade

1.Firmware version of controller

- 1.1 Download the new firmware to the U disk from official website (<https://www.godox.com.cn/-firmware-continuous-light>).
- 1.2 Turn off the device. Insert the U disk with new firmware into the USB Type-A port.
- 1.3 Turn on the device, and MG2400Bi controller will automatically enter the upgrading interface.
- 1.4 It will return to main interface after completion.

2.Firmware version of light head

- 2.1 Download the firmware upgrade software G3 and the corresponding product firmware (.bin) from the official website (<https://www.godox.com>).
- 2.2 Connect the computer interface to the USB-C port of the light head via USB cable.
- 2.3 Open the G3 application, click 'Open File' to open the .bin file, click upgrade, and wait for the upgrade to complete.

Note: There is no need to connect to the controller when upgrading the light head.

Version&Upgrade

Insert The U Disk With New Firmware After Power Off, Then Reboot To Upgrade The Device.  
Box:0.13 Lamp:V0.03

Maintenance

This product, except consumables, is supported with a one-year warranty.  
Unauthorized service will void the warranty.  
Maintenance of the light must be performed by our authorized maintenance department which can provide original accessories.  
If the product had failures or become wet, do not use it until it is repaired by professionals.  
Shut down the device immediately should abnormal operation be detected.



Photometric Data

CCT	Testing Condition	Illuminance Unit	3m	5m	7m	9m	10m
2800K	Bare Light	lux	≈8810	≈3540	≈2120	≈1480	≈1250
		fc	≈818	≈329	≈197	≈137	≈116
3200K		lux	≈9700	≈3950	≈2360	≈1640	≈1380
		fc	≈901	≈367	≈220	≈152	≈128
4300K		lux	≈11600	≈4740	≈2840	≈1920	≈1650
		fc	≈1080	≈440	≈264	≈179	≈153
5600K		lux	≈12000	≈4890	≈2900	≈1970	≈1700
		fc	≈1120	≈454	≈269	≈183	≈158
6500K		lux	≈11300	≈4650	≈2730	≈1870	≈1600
		fc	≈1050	≈432	≈254	≈174	≈149

CCT	Testing Condition	Illuminance Unit	3m	5m	7m	9m	10m
2800K	With Reflector (45°)	lux	≈32200	≈11700	≈6240	≈4000	≈3380
		fc	≈2990	≈1090	≈580	≈372	≈314
3200K		lux	≈35900	≈13000	≈6900	≈4450	≈3740
		fc	≈3340	≈1200	≈641	≈413	≈348
4300K		lux	≈43200	≈15700	≈8340	≈5370	≈4490
		fc	≈4020	≈1460	≈775	≈499	≈417
5600K		lux	≈44600	≈16200	≈8590	≈5520	≈4650
		fc	≈4140	≈1500	≈798	≈513	≈432
6500K	lux	≈42100	≈15300	≈8110	≈5260	≈4400	
	fc	≈3910	≈1420	≈753	≈489	≈408	

The above data is not absolute values but rather average values. All tests were conducted with the light at 100% brightness.

Technical Data

Model	MG2400Bi
Power Supply	100V-240V~50/60Hz 30A(Max.)
Max. Power	≈2900W
CCT	2800-6500K
Brightness Range	0%-100%
Dimming Curves	linear, S-curve, exponential, logarithmic
FX Modes	11
CRI	Average≥96
TLCI	Average≥96
Waterproof Grade of Light Body/Controller	IP54
Controlling Methods	DMX 512 Control, support RDM protocol/LumenRadioCRMX/Bluetooth App Control /Ethernet (support Art-Net & sACN protocol)/Remove Controller/Light Body Control (Remove Controller RC11 is sold separately)
Bluetooth Controlling Distance	Max. 100m
USB Type-A Port	Firmware Upgrade/5V ≈ 1.5A Power Supply
Dimension (Yoke and reflector are not included in the light body)	Light Body: 16.10"×15.16"×14.02" Controller: 11.02"×16.54"×8.27"
Netweight≈	Light Body (Yoke and reflector not included) : 20kg Controller: 13kg

Specifications and data may subject to changes without notice.