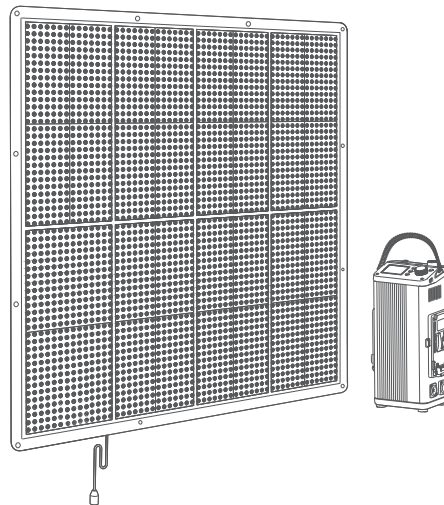


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Godox



Wechat
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神牛微信公众号

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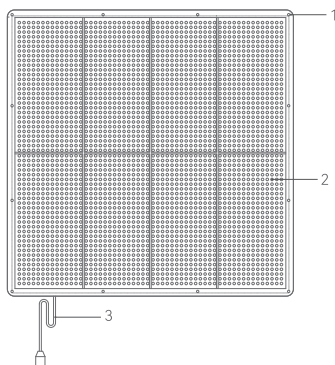
KNOWLED F600 Bi

柔性LED灯
KNOWLED Flexible LED Light

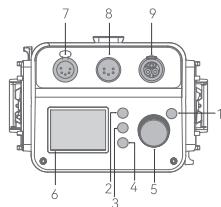
使用手册
Instruction Manual

Name of Parts

Light Body

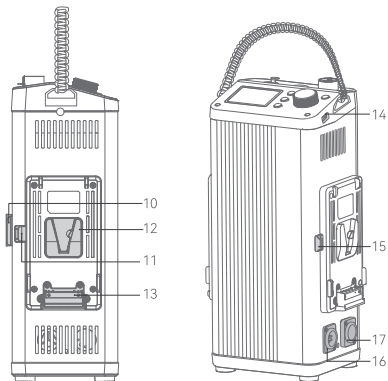


1. Supporting Holes
2. Light Beads
3. Connection Cable

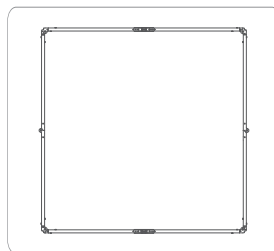


1. Power Switch Button
2. /MODE Button
3. PRESET Button
4. MENU Button
5. SET Select Dial
6. Display
7. DMX OUT Port
8. DMX IN Port
9. DC OUTPUT Port
10. Controller Fixing Device Holder
11. Yellow Battery Remove Button
12. V-mount
13. V-mount Battery Holder
14. Type-A port
15. Black Battery Remove Button
16. DC INPUT Port
17. AC INPUT Port

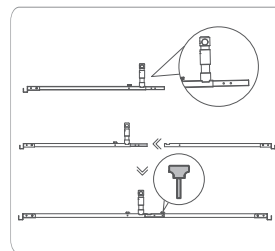
Controller



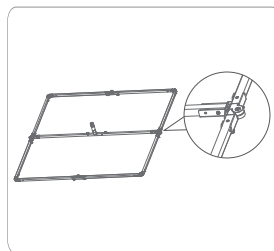
Mount the LED Light on the Light Stand



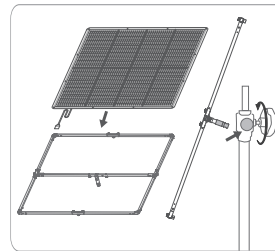
1. Stretch the metal bracket into a square shape.



2. There are two bracket grips in total. Pull out the silver part and insert it into the other grip sleeve, then tighten the screw bolt by hand.

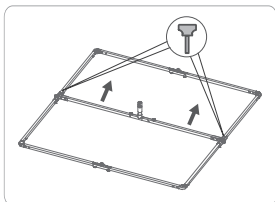


3. Snap one end of the installed bracket grip into the center joint of the square frame, and snap the other end in the same way. Then tighten the screw bolts at both ends by hand, and the metal frame is done.

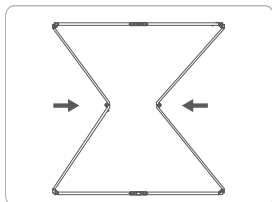


4. Use the cable tie to fix the light body on the metal frame, then insert the bracket sleeve into the tripod, followed by tightening the fixing knob to complete the installation.

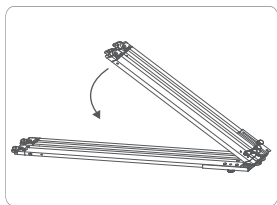
Storage of the Metal Frame



1. Loosen the screw bolts at both ends of the bracket grip, and then remove the bracket grip from the centre of the frame.

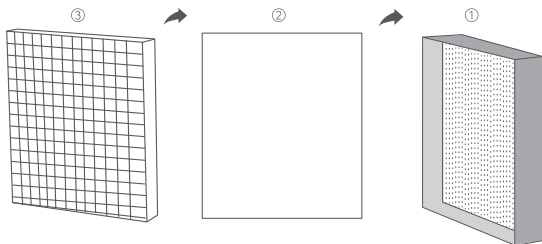


2. Fold the middle joint of the frame inward.



3. Lift the metal frame on the right by hand and fold it to the left.

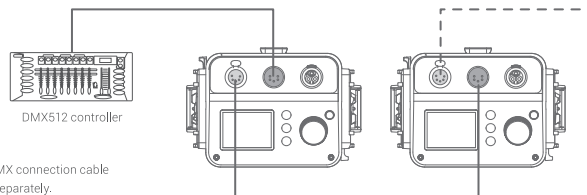
Install the Softbox



Since softbox, grid and diffuser all have velcros, stick the softbox to the LED light along the sides first, then stick the diffuser and grid in order.

Connect to DMX Controller

The connection operation diagram of DMX controller is as follows:

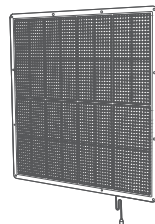


DMX512 controller

Note: DMX connection cable is sold separately.

Multiple connections

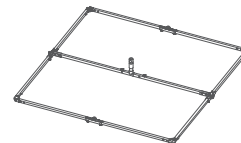
What's Inside



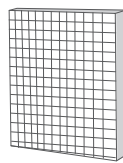
Flexible LED Light*1



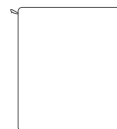
Controller*1



Metal Bracket*1



Softbox *1



Carry Bag*1



Connection Cable*1



Power Cable*1



Instruction Manual*1



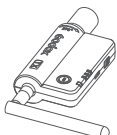
Carry Bag CB88*1

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.

Separately Sold Accessories



2.4GHz Remote Control RC-A6II



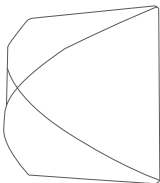
Wireless DMX Transmitter Timlink TX



Wireless DMX Receiver Timlink RX



Controller Fixing Device



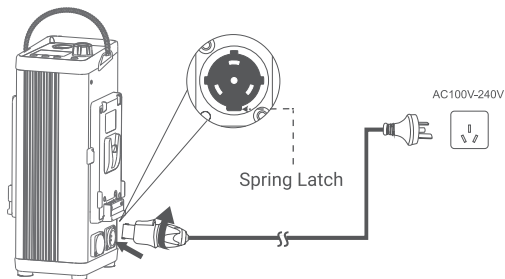
Pancake Lantern FP600



DC Cable F-DC5C

Power Supply

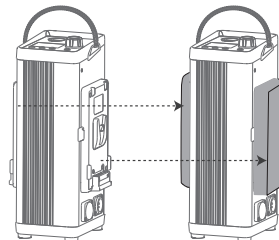
1.AC Power Supply



Note : Please press the latch button when disassembling the power cable and connection cable.

2.V-mount battery power supply

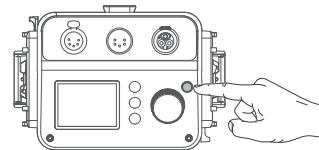
Note : The light can be supplied by 14.8v or 26V v-mount battery . Only the side with yellow battery removal button supports one-sided charging . When it is powered by two batteries and one battery is running low on power , the device still can't work normally even if the other one is fully charged . The corresponding battery icon will blink in low battery mode . It is recommended to check whether both batteries have sufficient power when using two batteries.



Power Switch

Long press the power switch button on the controller after connecting to power source to turn the unit on or off.

Short pressing the power switch button in the power on state can reduce the brightness to 0% , short press again to restore the previous brightness.

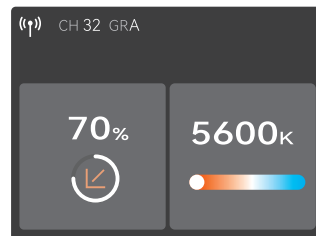


CCT Mode


Short press the >/MODE button to switch to CCT mode, short press the select dial to toggle between brightness setting and CCT setting.


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

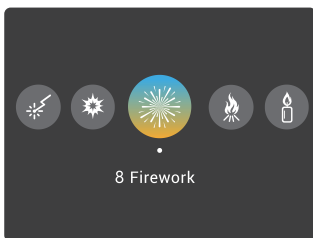
2.In the color temperature setting interface, turn the select dial to adjust the color temperature from 2700K to 8500K. Turning the select dial clockwise once will increase the value by 100 units, while turning it counterclockwise once will decrease the value by 100 units.



FX Mode

Short press the <  >/MODE button to switch to FX mode, turn the select dial to switch among the following 11 effects: flash, lightning, cloudy, broken bulb, TV, candle, fire, firework, explosion, welding, SOS.

Select the desired effect and short press the select dial to enter the effect setting interface, then short press the <  >/MODE button to return to previous interface.



1. Flash Effect

In the flash effect setting interface, turn the select dial to select options among switch, dim, auto, manual, CCT, speed, mode, etc. Short press the select dial to select the desired option then rotate to adjust settings (except for the auto and manual options).

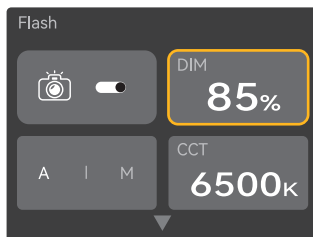
DIM: 0%-100%

CCT: 2700K-8500K

Speed: 1-100

Mode: Camera Flash/Flash Bulb

Note: Select manual, then the flash effect can be triggered once by short press the select dial once.



2. Lightning Effect

In the lightning effect setting interface, turn the select dial to select options among switch, dim, auto, manual, CCT, times, frequency, etc. Short press the select dial to select the desired option then rotate to adjust settings (except for the auto and manual options).

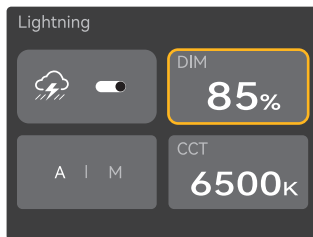
DIM: 0%-100%

CCT: 2700K-8500K

Times: Random/1-10

Frequency: Random /2-20

Note: Select manual, then the lightning effect can be triggered once by short press the select dial once.



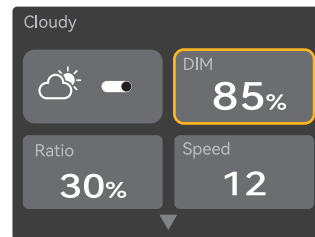
3. Cloudy Effect

In the cloudy effect setting interface, turn the select dial to select options among switch, dim, ratio, speed, etc. Short press the select dial to select the desired option then rotate to adjust settings.

DIM: 0%-100%

Ratio: 30%-90%

Speed: Random/1-100



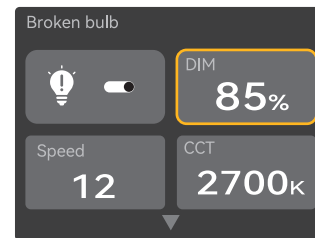
4. Broken Bulb Effect

In the broken bulb effect setting interface, turn the select dial to select options among switch, dim, speed, CCT, etc. Short press the select dial to select the desired option then rotate to adjust settings.

DIM: 0%-100%

Speed: 1-100

CCT: 2700K-8500K

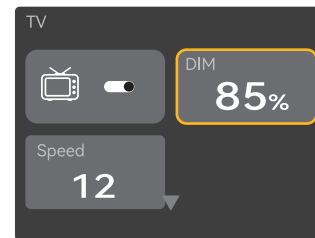


5. TV Effect

In the TV effect setting interface, turn the select dial to select options among switch, dim, speed, etc. Short press the select dial to select the desired option then rotate to adjust settings.

DIM: 0%-100%

Speed: 1-100

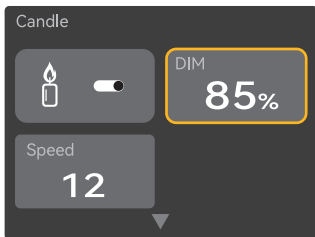


6. Candle Effect

In the candle effect setting interface, turn the select dial to select options among switch, dim, speed, etc. Short press the select dial to select the desired option then rotate to adjust settings.

DIM: 0%-100%

Speed: 1-100

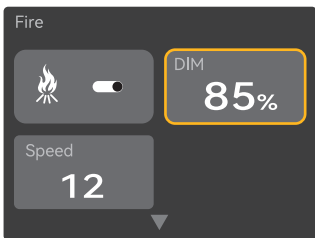


7. Fire Effect

In the fire effect setting interface, turn the select dial to select options among switch, dim, speed, etc. Short press the select dial to select the desired option then rotate to adjust settings.

DIM: 0%-100%

Speed: 1-100



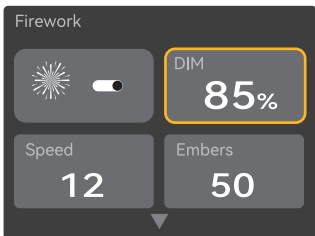
8. Firework Effect

In the firework effect setting interface, turn the select dial to select options among switch, dim, speed, embers, etc. Short press the select dial to select the desired option then rotate to adjust settings.

DIM: 0%-100%

Speed: 1-100

Embers: 1-100



9. Explosion Effect

In the explosion effect setting interface, turn the select dial to select options among switch, dim, auto, manual, CCT, speed, embers, etc. Short press the select dial to select the desired option then rotate to adjust settings (except for the auto and manual options).

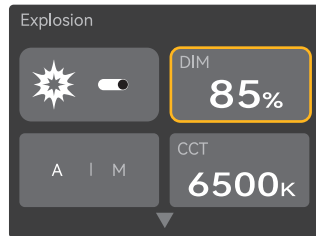
DIM: 0%-100%

CCT: 2700K-8500K

Speed: 1-100

Embers: 1-100

Note: Select manual, then the explosion effect can be triggered once by short press the select dial once.



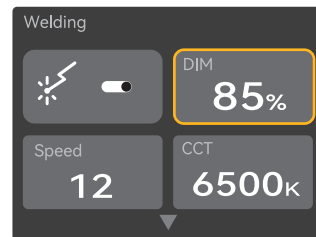
10. Welding Effect

In the welding effect setting interface, turn the select dial to select options among switch, dim, speed, CCT, etc. Short press the select dial to select the desired option then rotate to adjust settings.

DIM: 0%-100%

Speed: 1-100

CCT: 2700K-8500K



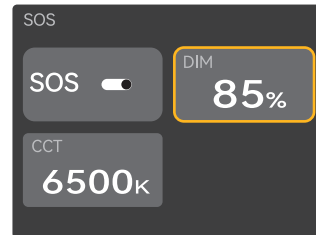
11. SOS Effect

In the SOS effect setting interface, turn the select dial to select options among switch, dim, CCT, etc. Short press the select dial to select the desired option then rotate to adjust settings.

DIM: 0%-100%

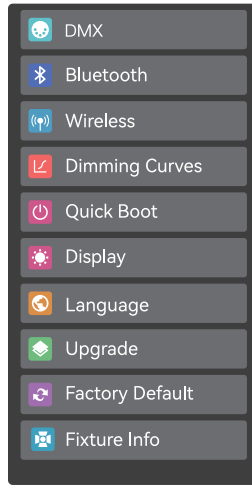
CCT: 2700K-8500K

Note: The dimming curve is linear by default in FX mode.



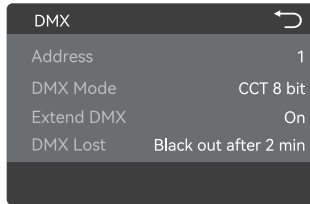
Menu Settings

Short press the MENU button to enter menu settings, turn the select dial to select among the following options: DMX, Bluetooth, wireless, dimming curves, quick boot, display, language, upgrade, factory default, fixture info.



1. DMX

Short press the select dial to enter DMX setting interface. Turn the select dial to select options among address, DMX mode, extend DMX, DMX lost, RDM state. Short press the select dial to select the desired option then rotate to adjust settings. Finally, short press the MENU button to return to the previous menu.



Level 1 Option	Level 2 Option	Description
Address	1-512	Initial address
DMX Mode	1: CCT 8 bit	CCT 8 bit
	2: FX 8 bit	FX 8 bit
	3: ULTIMATE 8 bit	ULTIMATE 8 bit
	4: CCT 16 bit	CCT 16 bit
	5: FX 16 bit	FX 16 bit
	6: ULTIMATE 16 bit	ULTIMATE 16 bit
Extend DMX	On	Turn on extend DMX channels
	Off	Turn off extend DMX channels
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.
RDM Status	On	Turn on RDM
	Off	Turn off RDM

DMX Practical Table

CCT 8Bit Mode						
DMX Channel	Function	Parameters	DMX Value 8 Bit		Practical Parameters Values 8Bit	
			Initial Value	Ending Value	Initial Value	Ending Value
1	CCT	DIM	0	255	0.0%	100.0%
2		CCT	0	255	2700K	8500K

FX 8Bit Mode							
DMX Channel	Function	Parameters	DMX Value 8 Bit		Practical Parameters Values 8Bit		
1	2	FX Type	DIM	0	255	0.0%	100.0%
			0	9	Off		
			10	19	Flash		
			20	29	Lightning		
			30	39	Cloudy		
			40	49	Broken Bulb		
			50	59	TV		
			60	69	Candle		
			70	79	Fire		
			80	89	Firework		
			90	99	Explosion		
			100	109	Welding		
			110	119	SOS		
			120	255	Preset		
3	Flash	CCT	0	255	2700K	8500K	
4		Speed	0	255	1	100	
5		Mode	0	255	0 Camera Flash	1 Flash Bulb	
3	Lightning	CCT	0	255	2700K	8500K	
4		Times	0	255	0(random)	10	
5		Frequency	0	255	0(random)	20	
3	Cloudy	DIM Ratio	0	255	30%	90%	
4		Speed	0	255	0(random)	100	
3	Broken Bulb	CCT	0	255	2700K	8500K	
4		Speed	0	255	1	100	
3	TV	Speed	0	255	1	100	
3	Candle	Speed	0	255	1	100	
3	Fire	Speed	0	255	1	100	
3	Firework	Speed	0	255	1	100	
4		Embers	0	255	1	100	
3	Explosion	CCT	0	255	2700K	8500K	
4		Speed	0	255	1	100	
5		Embers	0	255	1	100	
3	Welding	CCT	0	255	2700K	8500K	
4		Speed	0	255	1	100	
3	SOS	CCT	0	255	2700K	8500K	

ULTIMATE 8Bit Mode						
DMX Channel	Function	Parameters	DMX Value 8 Bit		Practical Parameters Values 8Bit	
1		DIM	0	255	0.0%	100.0%
2		Mode Selection	0	9	CCT Mode	
			10	19	FX Mode	
		20	255	Preset		
3		Color Parameter 1				

CCT Parameter in ULTIMATE 8Bit Mode						
DMX Channel	Function	Parameters	DMX Value 8 Bit		Practical Parameters Values 8Bit	
3	CCT	CCT	0	255	2700K	8500K

FX Parameter in ULTIMATE 8Bit Mode					
DMX Channel	Function	Parameters	DMX Value 8 Bit		Practical Parameters Values 8Bit
3	FX	FX Type	0	9	Off
			10	19	Flash
			20	29	Lightning
			30	39	Cloudy
			40	49	Broken Bulb
			50	59	TV
			60	69	Candle
			70	79	Fire
			80	89	Firework
			90	99	Explosion
			100	109	Welding
			110	119	SOS
			120	255	Preset
4	Flash	CCT	0	255	2700K 8500K
5		Speed	0	255	1 100
6		Mode	0	255	0 Camera Flash 1 Flash Bulb
4	Lightning	CCT	0	255	2700K 8500K
5		Times	0	255	0(random) 10
6		Frequency	0	255	0(random) 20
4	Cloudy	DIM Ratio	0	255	30% 90%
5		Speed	0	255	0(random) 100
4	Broken Bulb	CCT	0	255	2700K 8500K
5		Speed	0	255	1 100
4	TV	Speed	0	255	1 100
4	Candle	Speed	0	255	1 100
4	Firework	Speed	0	255	1 100
5		Embers	0	255	1 100
4	Explosion	CCT	0	255	2700K 8500K
5		Speed	0	255	1 100
6		Embers	0	255	1 100
4	Welding	CCT	0	255	2700K 8500K
5		Speed	0	255	1 100
4	SOS	CCT	0	255	2700K 8500K

CCT 16bit Mode						
DMX Channel	Function	Parameters	DMX value 16 Bit		Practical Parameters Values 16Bit	
			Initial Value	Ending Value	Initial Value	Ending Value
1-2	CCT	DIM	0	65535	0.0%	100.0%
3-4		CCT	0	65535	2700K	8500K

FX 16bit Mode						
DMX Channel	Function	Parameters	DMX value 16 Bit		Practical Parameters Values 16Bit	
1-2		DIM	0	255	0.0%	100.0%
3	FX Type	FX Type	0	9	Off	
			10	19	Flash	
			20	29	Lightning	
			30	39	Cloudy	
			40	49	Broken Bulb	
			50	59	TV	
			60	69	Candle	
			70	79	Fire	
			80	89	Firework	
			90	99	Explosion	
			100	109	Welding	
			110	119	SOS	
			120	255	Preset	
4-5	Flash	CCT	0	255	2700K	8500K
6-7		Speed	0	255	1	100
8-9		Mode	0	255	0 Camera Flash	1 Flash Bulb
4-5	Lightning	CCT	0	255	2700K	8500K
6-7		Times	0	255	0(Random)	10
8-9		Frequency	0	255	0(Random)	20
4-5	Cloudy	DIM Ratio	0	255	30%	90%
6-7		Speed	0	255	0(Random)	100
4-5	Broken Bulb	CCT	0	255	2700K	8500K
6-7		Speed	0	255	1	100
4-5	TV	Speed	0	255	1	100
4-5	Candle	Speed	0	255	1	100
4-5	Fire	Speed	0	255	1	100
4-5	Firework	Speed	0	255	1	100
6-7		Embers	0	255	1	100
4-5		CCT	0	255	2700K	8500K
6-7	Explosion	Speed	0	255	1	100
8-9		Embers	0	255	1	100
4-5	Welding	CCT	0	255	2700K	8500K
6-7		Speed	0	255	1	100
4-5	SOS	CCT	0	255	2700K	8500K

ULTIMATE 16bit						
DMX Channel	Function	Parameters	DMX value 16 Bit		Practical Parameters Values 16Bit	
1-2		DIM	0	255	0.0%	100.0%
3		Mode Selection	0	9	CCT Mode	
			10	19	FX Mode	
			20	255	Preset	
4-5		Color Parameter 1				

CCT Parameter in Ultimate 16Bit Mode						
DMX Channel	Function	Parameters	DMX value 16 Bit		Practical Parameters Values 16Bit	
4-5	CCT	CCT	0	65535	2700K	8500K

FX Parameter in Ultimate 16Bit Mode					
DMX Channel	Function	Parameters	DMX value 16 Bit		Practical Parameters Values 16Bit
4	FX Type	FX Type	0	9	Off
			10	19	Flash
			20	29	Lightning
			30	39	Cloudy
			40	49	Broken Bulb
			50	59	TV
			60	69	Candle
			70	79	Fire
			80	89	Firework
			90	99	Explosion
			100	109	Welding
			110	119	SOS
		120	255	Preset	
5-6	Flash	CCT	0	255	2700K 8500K
7-8		Speed	0	255	1 100
9-10		Mode	0	255	0 Camera Flash 1 Flash Bulb
5-6	Lightning	CCT	0	255	2700K 8500K
7-8		Times	0	255	0 (Random) 10
9-10		Frequency	0	255	0 (Random) 20
5-6	Cloudy	DIM Ratio	0	255	30% 90%
7-8		Speed	0	255	0 (Random) 100
5-6	Broken Bulb	CCT	0	255	2700K 8500K
7-8		Speed	0	255	1 100
5-6	TV	Speed	0	255	1 100
5-6	Candle	Speed	0	255	1 100
5-6	Fire	Speed	0	255	1 100
5-6	Firework	Speed	0	255	1 100
7-8		Embers	0	255	1 100
5-6	Explosion	CCT	0	255	2700K 8500K
7-8		Speed	0	255	1 100
9-10		Embers	0	255	1 100
5-6	Welding	CCT	0	255	2700K 8500K
7-8		Speed	0	255	1 100
5-6	SOS	CCT	0	255	2700K 8500K

2. Bluetooth

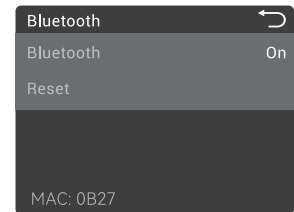
Short press the select dial to enter Bluetooth setting interface. Turn the select dial to select options between switch and reset. Short press the select dial to select the desired option then rotate to adjust settings. Finally, short press the MENU button to return to the previous menu.

Bluetooth MAC Code is on the left bottom of the display for searching the fixture via Bluetooth.

Scan the QR code to download the "Godox Light" smartphone APP (Available for both Android and iOS systems).

Note:

1. 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 APP.
2. The APP should be upgraded to version 3.0 or above.



3. Wireless

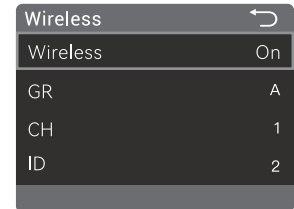
Short press the select dial to enter wireless setting interface. Turn the select dial to select options among switch, GR, CH, ID. Short press the select dial to select the desired option then rotate to adjust settings. Finally, short press the MENU button to return to the previous menu.

Wireless: Turn on/off 2.4G wireless

GR: 0-9/A-F

CH: 01-32

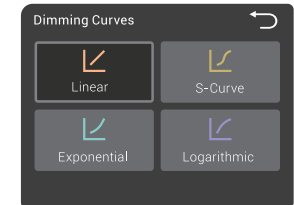
ID: OFF/01-99



Note: When using the remote control RC-A6II (sold separately) or remote control RC-R9II (sold separately), the group, channel and ID of the remote control and F600Bi should be the same.

4. Dimming Curves

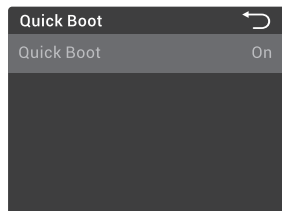
Short press the select dial to enter dimming curves setting interface. Turn the select dial to choose among linear, s-curve, exponential and logarithmic. Finally, short press the select dial/MENU button to return to the previous menu.



5. Quick Boot

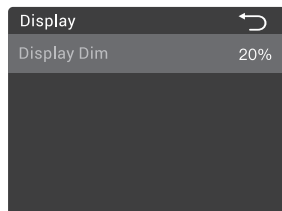
Short press the select dial to enter quick boot setting interface. Turn the select dial to turn on or off the quick boot function. Finally, short press the select dial/MENU button to return to the previous menu.

Note: The controller will turn on automatically after connecting to power source and the quick boot function is turned on.



6. Display

Short press the select dial to enter display setting interface. Turn the select dial to adjust display brightness from 20% to 100%. Finally, short press the MENU button to return to the previous menu.



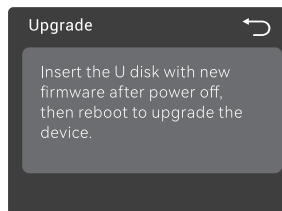
7. Language

Short press the select dial to enter language setting interface. Turn the select dial to select between Chinese and English. Finally, short press the MENU button to return to the previous menu.



8. Upgrade

Short press the select dial to enter upgrade setting interface to check the firmware version and upgrade instruction. Then, short press the MENU button to return to the previous menu.



Firmware Upgrade

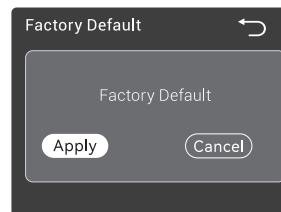
1. Download the new firmware to the U disk from official website <https://www.godox.com/firmware-continuous-light>.
2. Turn off the device. Insert the U disk with new firmware into the Type-A USB port.
3. Turn on the device, and it will automatically enter the upgrading interface.
4. It will return to main interface after completion.

Notes:

1. New firmware must be downloaded from the official website, and keep only one BIN file in the root directory of the USB disk.
2. The Type-A USB port can only support output voltage and current of 5V/1A. Do not connect to over-rated USB device.

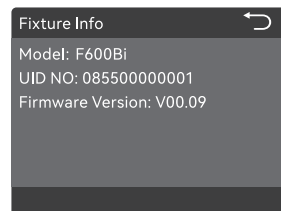
9. Factory Default

Short press the select dial to enter factory default setting interface. Turn the select dial to select apply or cancel. It will return to language setting interface after reset.





10. Fixture Info

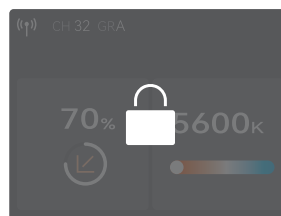
Short press the select dial to enter fixture info setting interface to check model, UID NO. and firmware version. Then, short press the MENU button to return to the previous menu.



Lock Setting

Short press the  /MODE button, the panel is locked when  is displayed on the panel, short press again to unlock.

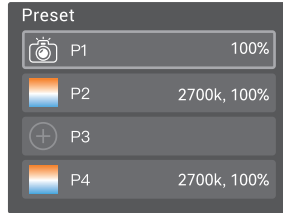
Note: The locking function only works on the controller panel, other operations are still available.



Preset Setting

Short press the PRESET button to enter preset effects interface. Turn the select dial to choose and enter preset effects 1-10, then short press to choose save or cancel. Then, short press the select dial to return to the previous menu and short press the PRESET button to exit.

Note: It will not display any option for certain group that have not been preset any effect.



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. Changes made to the specifications or designs may not be reflected in this manual.

Illuminance Data

CCT	Unit	1m	2m	3m	5m
2700K	lux	≈16300	≈5640	≈2670	≈1060
	fc	≈1510	≈524	≈248	≈98.9
3200K	lux	≈17400	≈6020	≈2860	≈1130
	fc	≈1620	≈559	≈265	≈105
4300K	lux	≈19200	≈6620	≈3130	≈1240
	fc	≈1790	≈615	≈291	≈115
5600K	lux	≈19900	≈6830	≈3240	≈1280
	fc	≈1850	≈635	≈301	≈119
6500K	lux	≈19700	≈6740	≈3200	≈1270
	fc	≈1830	≈626	≈297	≈118
8500K	lux	≈18800	≈6440	≈3050	≈1210
	fc	≈1750	≈598	≈283	≈113

The data above are averages, not absolutes. All the above tests are based on the condition of 100% brightness.

Technical Data

Model	F600Bi
Power Supply	100V-240V~50/60Hz 6.7A
Input Power	≈670W
CCT	2700-8500K
Brightness Range	0%-100%
Dimming Curves	linear, s-curve, exponential, logarithmic
FX Modes	11
CRI	Average ≥96
TLCI	Average ≥96
Waterproof Rating of Light Body	IP65
Controlling Methods	DMX 512 Control (support RDM protocol) / 2.4GHz Wireless Control/ Bluetooth APP Control
Bluetooth Controlling Distance	≈30m
2.4G Remote Control Distance	≈60m
Type-A USB Port	Firmware Upgrade/5V=1A Power Supply
Dimension	Light Body: 1210mm*1210mm*24mm (excluding DC cable) Controller: 179mm*123mm*332mm
Netweight*	Light Body: 3.8Kg Controller: 3.9Kg

Specifications and data may subject to changes without notice.