



利帅影视
**LISHUAI FILM &
TELEVISION EQUIPMENT**

高新技术企业

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GB/T19001-2016/ ISO9001:2015标准



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FOCUS 300D

使用手册
USER MANUAL

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YUYAO LISHUAI FILM & TELEVISION EQUIPMENT CO.,LTD

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I3000D

[特征]

- 1.采用台湾原装大功率LED光源。色温精确，显色指数及TLCI达到95及以上，光衰6000小时内≤2%，使用寿命长达5万小时以上。
- 2.带NTC温度检测，自动控制风扇转速,灯体过热保护功能。
- 3.0%到100% PWM集成数字无极调光，调光过程线性、均匀。
- 4.预设11种特效模式。
- 5.电源控制盒可加外接电池,方便外出使用。
- 6.带U盘自动升级功能,方便增加后续功能。
- 7.内置无线控制模块,可通过遥控器或手机APP无线控制。
- 8.灯头采用保荣口鳞甲纹标准罩，应用配件广泛。
- 9.台湾明纬适配器，标准的电流输出保证产品的稳定性。
- 10.DMX512调光功能，可通过DMX控制台或调光器控制。
- 11.手机APP具有调节灯光的各项参数功能，方便快捷。
- 12.高强度铝外壳具有良好的散热性，有利于保障产品的整体寿命。
- 13.360° L型旋转全金属支架，带碟刹锁紧功能，可用于不同角度的拍摄。
- 14.LED无热技术，确保光源输出在各种环境下稳定、一致、准确。
- 15.LCD屏数字显示,实时数据精确展现。
- 16.适合室内外摄影及摄像。适合工作室、演播室或外景拍摄，包括电视、电影和人像摄影等。

[注意事项]

- 1.LED通电使用前，请取下保护罩并安装标准罩。
- 2.拆卸灯罩时必须按下拆卸按钮，请勿强力拆卸灯罩。
- 3.使用过程中要避免异物接触到灯珠表面，以免造成灯珠损坏!
- 4.请勿遮挡灯体表面的散热孔，否则会引起产品过热而保护。
- 5.请勿湿手操作，否则可能引起触电。
- 6.请勿在易燃、易挥发液体或气体的环境下使用，否则可能引起爆炸或火灾。
- 7.请勿将本产品置于阳光直射下封闭的车辆内或其他高温环境使用，否则产品可能会被频繁过热保护，LED灯珠重复开启和关闭，从而影响使用。
- 8.请勿损坏、拆卸、用力拉拽或缠绕电源线，否则可能导致火灾或触电。
- 9.请勿将本产品置于重物之下。
- 10.请用干布擦拭产品上的灰尘。
- 11.请使用跟本产品配套的电源线，以免造成损坏。
- 12.禁止用力碰撞LCD触摸屏，以免造成损坏。
- 13.产品悬挂使用时需正确安装安全绳，以确保安全。
- 14.灯罩等配件使用时请确保安装到位，以免跌落造成损坏或引起其他安全问题。
- 15.高温危险，请勿触碰灯珠！10cm内不得有可燃物质!
- 16.用纸巾蘸酒精轻擦灯珠表面除灰尘，不可按压灯珠表面!

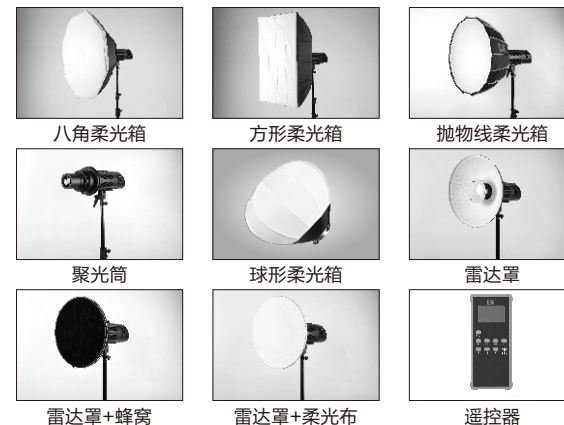
[产品清单]



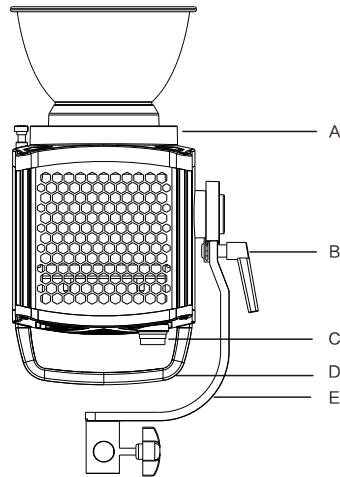
300D

- | | | |
|-------------|------------|-----------|
| ① 灯具-1PC | ② 保护罩-1PC | ③ 标准罩-1PC |
| ④ 电源控制盒-1PC | ⑤ DMX线-1PC | ⑥ 连接线-1PC |
| ⑦ 电源线-1PC | ⑧ 安全绳-1PC | ⑨ 保修卡-1PC |
| ⑩ 合格证-1PC | ⑪ 说明书-1PC | ⑫ 硬包-1PC |

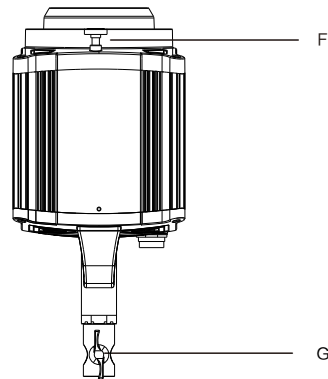
[选配]



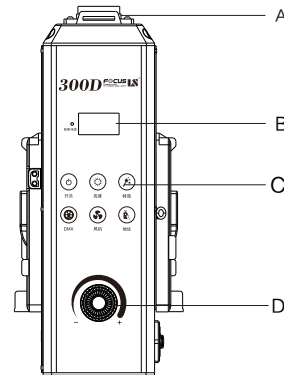
[各部件名称]



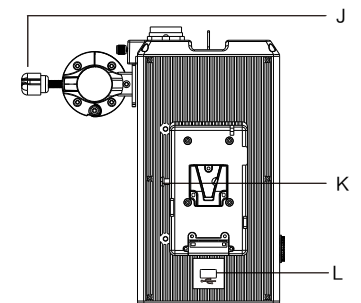
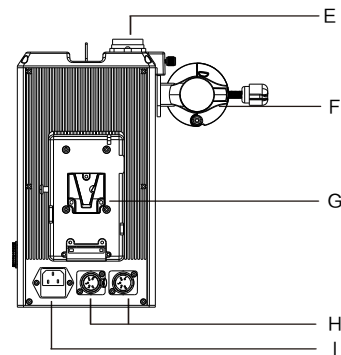
- Ⓐ 保荣卡口
- Ⓑ 角度调节锁紧手柄
- Ⓒ DC输入插座
- Ⓓ 提手
- Ⓔ L型全金属支架
- Ⓕ 灯罩活动按钮
- Ⓖ 环柄接头旋钮螺丝



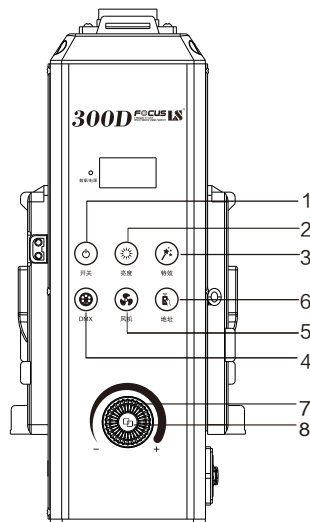
[电源控制盒]



- Ⓐ 吊绳挂钩
- Ⓑ 液晶显示屏
- Ⓒ 面板按键 (6个)
- Ⓓ 多功能旋钮
- Ⓔ DC输出
- Ⓕ 管夹
- Ⓖ V型扣板
- Ⓗ DMX插座
- Ⓘ 电源插座
- Ⓙ 旋钮螺丝
- Ⓚ V型扣板解锁按钮
- Ⓛ USB端口



[电源控制盒面板按键]



- ① 电源开关键
- ② 亮度快捷键
- ③ 特效快捷键
- ④ DMX快捷键
- ⑤ 风机快捷键
- ⑥ 地址快捷键
- ⑦ 多功能旋钮
- ⑧ 多功能键

[规格参数]

规格	型号
LED	300W高亮度COB
照射角度	120°
色温	5600±200K
显色指数	Ra:96-98
TLCI	≥96
功率	300W
工作电压	AC100-240V,DC24-34V
散热系统	热管式散热器+温控风扇(自动控制风扇)
尺寸(灯体)	228.8x206.6x313.3MM
尺寸(电源控制盒)	160x133x290MM
重量	2.275kg(灯体)、2.53kg(控制盒)
配件	标准罩、保护罩、电源线、DMX线、连接线、安全绳、硬包
选配	保荣接口柔光箱,遥控器

[照度]

距离	裸灯	带标准罩
1M	11800LUX	37300LUX
2M	3163LUX	8869LUX
3M	1481LUX	3913LUX
4M	890LUX	2215LUX
5M	607LUX	1444LUX

[使用说明]

1.灯具安装

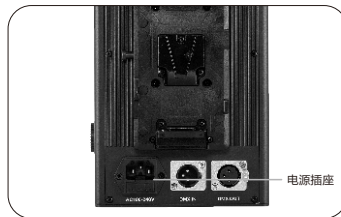
- (1) 逆时针旋转环柄接头旋钮螺丝至外部支架接头可套入,顺时针拧紧接头旋钮螺丝,确保外部支架接头套入正确到位,螺丝紧固到位。再调节灯体至合适角度。
- (2) 如使用加长型支架接头,需把接头旋钮螺丝上方的限位螺丝拧出。



2.供电

- (1) 连接线插头和灯体或控制盒插座边上白色点对齐后插入,插头蓝色旋帽与插座锁紧。
- (2) 把电源控制盒与电源线接通外部电源(AC100-240V)。

备注:使用外部AC电源供电时,请勿使用电池,否则可能会引起损坏。
灯长期不使用时,请勿将电池装在电源控制盒V型扣板上。

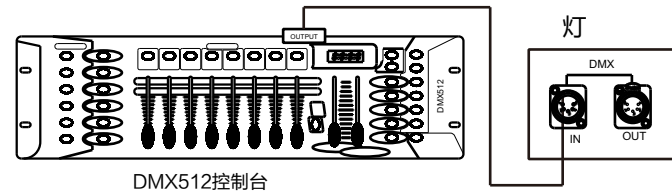


3.安全绳使用

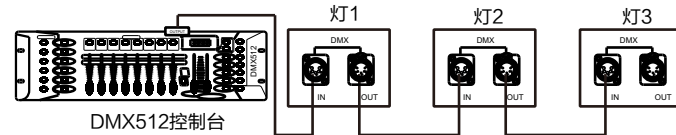
- (1) 当产品悬挂使用时需正确安装安全绳。
- (2) 安全绳穿过顶上挂绳孔和外部固定架固定。

4.DMX连接:

当使用DMX时,把DMX线与控制台连接好(具体接线见下图),设置好DMX地址与控制台地址一致,此时LED灯由DMX信号来控制。



DMX-单灯连接图



DMX多灯连接图

5.DMX控制:

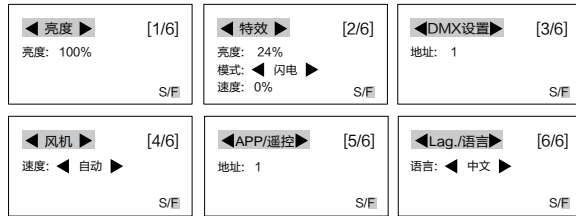
亮度为控制台上对应通道,如1-1亮度(1通道),1-2亮度(2通道),1-3(3通道).....。

DMX地址对应表:

LCD显示地址	DMX控制台通道 (单色温)
1	1-1(亮度)
2	1-2(亮度)
.....	
16	1-16(亮度)
17	2-1(亮度)
.....	
511	32-15(亮度)
512	32-16(亮度)

[操作说明]

1. 开机情况下按一次电源控制盒面板上的“开关”键关机,再按一次开机。
2. 当光标在LCD显示屏第一行“亮度”时,此时调节旋钮“-”或“+”可以在亮度、特效、DMX设置、风机、APP/遥控、Lag./语言模式之间切换。



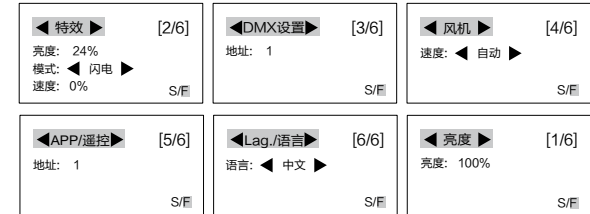
- (1) 当亮度模式界面时,按旋钮中间  键可以实现“亮度显示模式”和亮度设置之间循环切换。



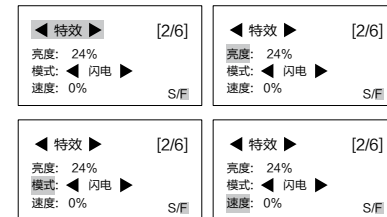
- (2) 当光标在LCD显示屏第二行“亮度”时,此时调节旋钮“-”或“+”可以调整灯的亮度,调节旋钮“-”亮度减小,调节旋钮“+”亮度增加,亮度调节范围0%-100%。



3. 当光标在LCD显示屏第一行“特效”时,此时调节旋钮“-”或“+”可以在亮度、特效、DMX设置、风机、APP/遥控、Lag./语言模式之间切换。

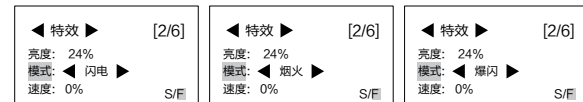


- (1) 特效模式界面时,按旋钮中间  键可以实现在“特效显示模式”、亮度、模式、速度设置之间循环切换。



- (2) 当光标在LCD显示屏第二行“亮度”时,此时调节旋钮“-”或“+”可以调整整灯的亮度,调节旋钮“-”亮度减小,调节旋钮“+”亮度增加,亮度调节范围0%-100%。

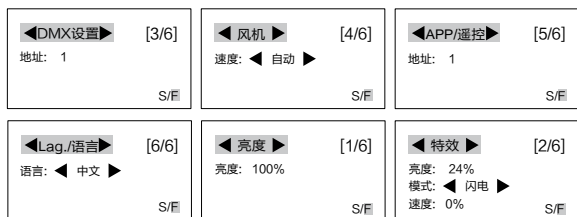
- (3) 当光标在LCD显示屏第三行“模式”时,此时调节旋钮“-”或“+”可以调节特效的模式,特效模式如下:



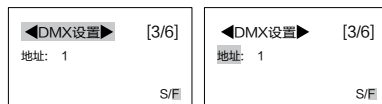


(4) 当光标在LCD显示屏第四行“速度”时，此时调节旋钮“-”或“+”可以调节特效的速度，调节旋钮“-”速度减小，调节旋钮“+”速度增加，速度调节范围0%-100%。

4.当光标在LCD显示屏第一行“DMX设置”时，此时调节旋钮“-”或“+”可以在亮度、特效、DMX设置、风机、APP/遥控、Lag./语言模式之间切换。

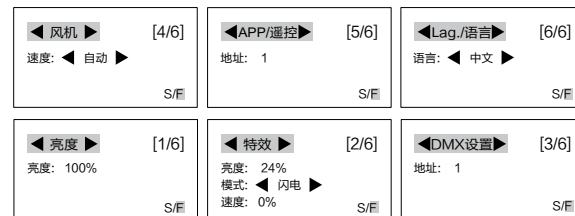


(1) 当DMX设置模式界面时,按旋钮中间  键可以实现“DMX设置显示模式”和地址设置之间循环切换。

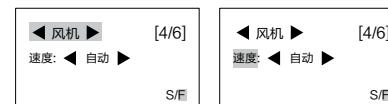


(2) 当光标在LCD显示屏第二行“地址”时，此时调节旋钮“-”或“+”可以调节DMX地址，调节旋钮“-”地址减小，调节旋钮“+”地址增加，DMX地址调节范围1-512。

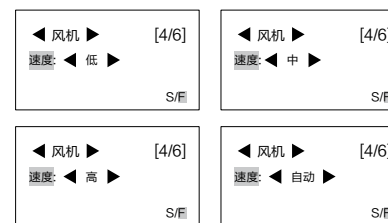
5.当光标在LCD显示屏第一行“风机”时，此时调节旋钮“-”或“+”可以在亮度、特效、DMX设置、风机、APP/遥控、Lag./语言模式之间切换。



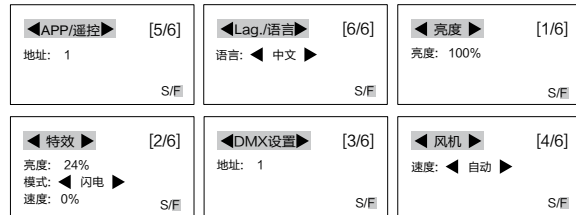
(1) 当风机模式界面时,按旋钮中间  键可以实现“风机显示模式”和速度设置之间循环切换。



(2) 当光标在LCD显示屏第二行“速度”时，此时调节旋钮“-”或“+”可以调节风机速度（风速依次为低、中、高、自动）。



6.当光标在LCD显示屏第一行“APP/遥控”时，此时调节旋钮“-”或“+”可以在亮度、特效、DMX设置、风机、APP/遥控、Lag./语言模式之间切换。



(1) 当APP/遥控模式界面时,按旋钮中间  键可以实现“APP/遥控显示模式”和地址设置之间循环切换。



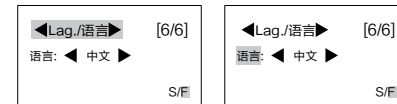
(2) 当光标在LCD显示屏第二行“地址”时，此时调节旋钮“-”或“+”可以调节APP/遥控地址，调节旋钮“-”地址减小，调节旋钮“+”地址增加，APP/遥控地址调节范围1-12。



7.当光标在LCD显示屏第一行“Lag./语言”时，此时调节旋钮“-”或“+”可以在亮度、特效、DMX设置、风机、APP/遥控、Lag./语言模式之间切换。



(1) 当Lag./语言模式界面时,按旋钮中间  键可以实现“Lag./语言显示模式”和语言设置之间循环切换。



(2) 当光标在LCD显示屏第二行“语言”时，此时调节旋钮“-”或“+”可以调节语言（语言依次为中文、English）。



8.按住旋钮中间  键3秒以上后右下角切换到“F”阴影，此时调节亮度或特效里的速度以10%增加或减小，切换到“S”阴影时，1%增加或减小。



[遥控器操作说明]



遥控器操作步骤:

- (1)在灯具上设置灯具无线接收地址，范围1-12。
- (2)在遥控器上按功能键使光标移动到第一行，然后按“减小键”或“增加键”进入遥控设置菜单，再通过功能键使光标移动到地址设置项，此时可以按减小键”或“增加键”设置地址1-12。
- (3)确保灯具上（单灯或多灯）遥控设置地址与遥控器上APP/遥控设置地址一致，遥控器就可以正常遥控单灯或多灯。
- (4)通过功能键，当光标在第一行时，可以通过“减小键”或“增加键”实现“亮度”，“特效”，“DMX设置”，“风机”，“APP/遥控”和“Lag./语言”模式界面之间切换。各模式下，通过功能键切换到相应的数据调节项，再通过“减小键”或“增加键”实现数据变化。
- (5)遥控器无线遥控距离20米左右。

注意：灯具上设置好遥控接收地址后，不可以通过遥控器改变地址，只能通过灯具上设置遥控地址手动调整。

[USB端口功能说明]



当设备需要软件升级时，可通过此端口连接U盘升级。
(升级软件可在利帅官网www.lishuai.com.cn下载)

操作步骤:

- 1.在利帅官网或指定网站下载升级程序至U盘。
- 2.将装有升级程序的U盘插入到灯背面的USB端口。
- 3.通电开机，数据指示灯闪亮，直到出现菜单界面。
- 4.升级时间约10秒，升级结束后拔出U盘，盖上防尘塞。

保修期：质保一年。

1300D1

Characteristics:

- 1.FOCUS 300D features high-power COB LEDs with a lifespan of up to 50,000 hours. These LEDs have a standardized color temperature with a CRI & TLCI ≥ 95 and feature less than 2% illumination decay less over 6000 hours working time.
- 2.Built-in NTC temperature detection to automatically control the fan and prevent overheating to ensure a long product life.
- 3.Dimmable from 0-100% and flicker-free due the PWM integrated design.
- 4.11 pre-installed special effect modes to help you create the perfect scene.
- 5.The power control box can add an external battery, which is convenient for location work.
- 6.Firmware upgrade with U disk, for adding new functions.
- 7.Can be controlled by DMX console, dimmer , included remote control or mobile phone APP.
- 8.Use any Bowen mount accessories, such as the Included custom designed standard reflector.
- 9.Taiwan made power adapter, the fixture used more stable.
- 10.Solid aluminum shell provides durability and enhanced heat dissipation for a long product life.
- 11.The 360-degree adjustable all-metal L-shaped bracket, with disc brake locking function, for safely mounting on stands and achieving any angle needed
- 12.LED heat prevention technology ensures that your light will emit steady and accurate light under varying conditions.
- 13.The LCD displays real-time data for color temperature and brightness.
- 14.Suitable for indoor or outdoor photography and videography. Great for studio or location shoots including TV, film, portrait photography and more.

Warnings:

- 1.ALWAYS remove the protective cover before using your light.
- 2.ALWAYS press the accessory lock button in the front the light when removing accessories such as the standard reflector Failure to do so may damage your light.
- 3.During use, avoid dirt or debris from contacting the surface of the COB LED to prevent damage to your light.
- 4.Hot! Do Not Touch! Keep flammable substances at least 4in(100mm) away from the LED surface.
- 5.To clean: Dip a soft cloth in isopropyl alcohol and gently wipe without pressing on the surface of the COB LED when not in use.
- 6.Do not block the heat dissipation vents on light bodyBlocking these will inhibit airflow causing the unit to overheat and stop working. This may shorten the lifespan of the light.
- 7.Do not disassemble the fixture or soldering the COB LED by non-technical person.
- 8.Do not operate with wet hands, doing so may cause electric shock.
- 9.Do not operate in environments near flammable gases or volatile liquids as this may increase the risk of explosion/fire.
- 10.Do not operate in enclosed spaces where heat buildup can be extreme, such as a car on a sunny dayThe increased heat will trigger the auto heat protection function and affect use. Fequent overheating may cause premature failure of the lighting unit.
- 11.Do not damage, disassemble, twist or modify the power cord as it may increase the risk of fire or electric shock.
- 12.Do not place under heavy objects.
- 13.Keep the light surface clean with a soft, dry cloth. If build-up is noticeable, use isopropyl alcohol on a soft, clean cloth to gently remove debris.
- 14.ONLY use the power control box provided with this product.
- 15.Avoid impact to the LCD screen; impact may damage it.
- 16.Use the safety cable when the fixture need to be hanged.
- 17.When using the accessories, please ensure that they are properly and securely installed. Improperly installed accessories may fall and become damaged.

Packing List:



300D

- | | | |
|--------------------------|-------------------------|---------------------------|
| ① FOCUS 300D -IPC | ② Protective cover -IPC | ③ Standard reflector -IPC |
| ④ Power control box -IPC | ⑤ DMX cable -IPC | ⑥ Connecting cable -IPC |
| ⑦ Power cord -IPC | ⑧ Safety cable -IPC | ⑨ Instruction manual -IPC |
| ⑩ Hard case -IPC | | |

Optional accessories:



Octagon Softbox



Rectangular Softbox



Deep Parabolic Softbox



Optical Snoot



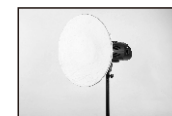
Lantern Softbox



Beauty Dish Reflector



Beauty Dish Reflector and Honeycomb Grid

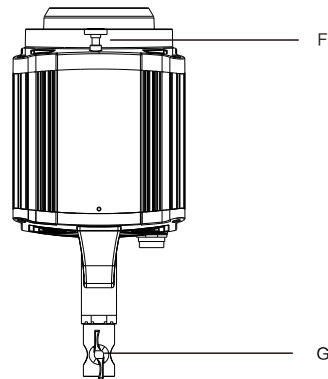
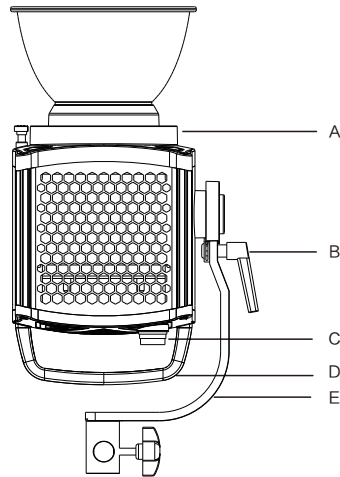


Beauty Dish Reflector and Cloth Diffuser



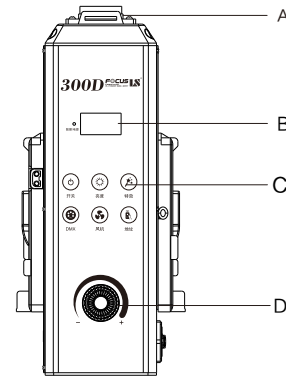
Remote control

Parts Diagram:

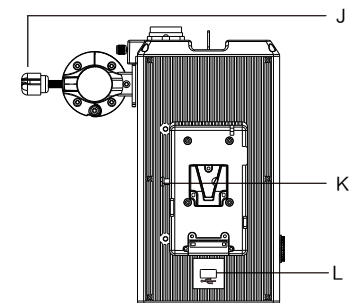
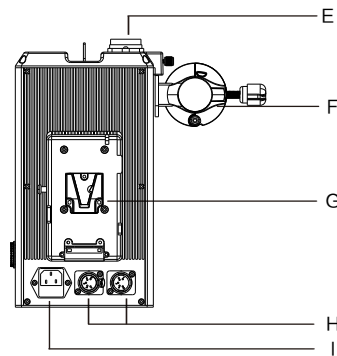


- Ⓐ Bowen mount
- Ⓑ Locking handle
- Ⓒ DC power input socket
- Ⓓ Carrying handle
- Ⓔ L type bracket
- Ⓕ Accessory lock button
- Ⓖ Stand mount locking screw

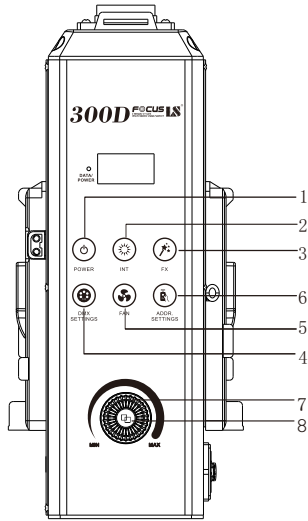
Power control box:



- Ⓐ Strap/safety cable mounting point
- Ⓑ LCD screen
- Ⓒ Menu buttons
- Ⓓ Multifunctional knob
- Ⓔ DC power socket
- Ⓕ Pipe Clamp
- Ⓖ V-lock plate
- Ⓗ DMX socket
- Ⓘ AC power socket
- Ⓢ Screw
- Ⓚ Battery release button
- Ⓛ USB port



Menu buttons on the power control box:



- ① Power ON/OFF button ② Brightness shortcut button ③ FX shortcut button
- ④ DMX shortcut button ⑤ Fan shortcut button ⑥ Address shortcut button
- ⑦ Multifunctional knob ⑧ Multifunctional button

Specifications:

Spec	Model
LED	FOCUS 300D
Beam angle	300W COB
Color temperature	120°
CRI	5600K±200K
TLCI	Ra:96-98
Working voltage	≥96
Cooling system	AC100-240V,DC24~34V
Dimension (light body)	Heat pipe radiator , Temperature controlled fan
Dimension (power control box)	9 x 8.1 x 12.3" (22.8x20.6x31.3cm)
Weight	6.3x 5.23 x 11.4 (16x13.3x29cm)
Included accessories	Light body: 5lb (2.275kg), Power control box: 5.57 lb (2.53kg)
Optional accessories	Standard Reflector, Protective Cover, AC Power Cord, DMX Cable, Connecting Cable, Safety Cable, Hard case
	Light modifiers with Bowen mount, Remote Control

Illuminance:

Distance	Light without reflector	Light with standard reflector
1M	11800LUX	37300LUX
2M	3163LUX	8869LUX
3M	1481LUX	3913LUX
4M	890LUX	2215LUX
5M	607LUX	1444LUX

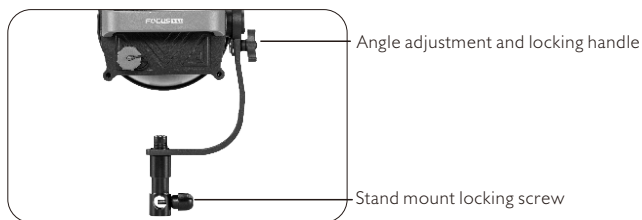
Operating instructions:

1. How to set up the light

(1) To mount on a light stand: loosen the stand mount locking screw by turning counterclockwise. Place the L type bracket onto the compatible light stand. Turn the stand mount locking screw clockwise to secure the bracket to the light stand.

(2) Adjust the light to the desired angle by loosening the angle adjustment and locking handle by turning counterclockwise. Move the light to the desired angle, then tighten the angle adjustment and locking handle by turning clockwise.

(3) When mounting to a 1 1/8" stud, it will be necessary to remove the set screw.



2. Power supply

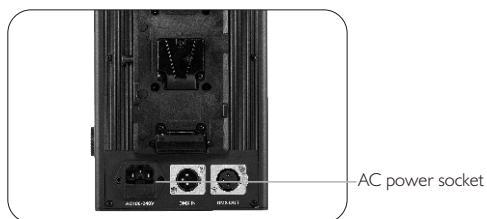
(1) Use the connecting cable to connect the light body and the power control box, align the white dots on the plug and socket, and tighten the plug cap after inserting it.

(2) Connect the power control box and the AC power cord to the external power supply (AC 100-240V).

NOTE:

When using external AC power supply, do not use batteries, otherwise it may cause damage.

When the light is not used for a long time, do not install the battery on the V-lock plate of the power control box.



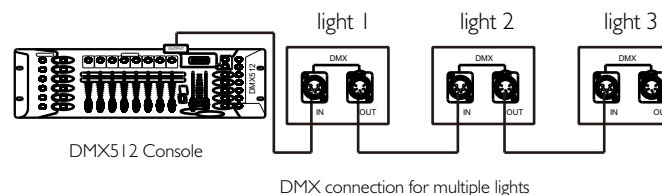
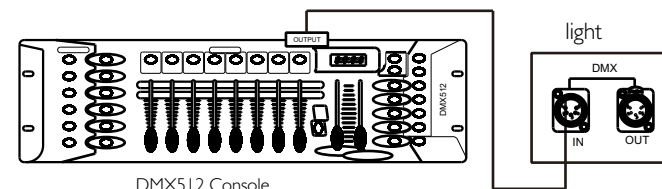
3. Use safety cable

(1) When hanging the product, always use the safety cable.

(2) The safety cable is fixed through the Strap/safety cable mounting point of the power control box and the external fixing frame.

4. DMX connection

When using DMX function, connect the DMX cable to the DMX console (see the figure below). Set the DMX address to desired address for control on the DMX console.



5. DMX control

First, the menu needs to be switched to the DMX control interface:

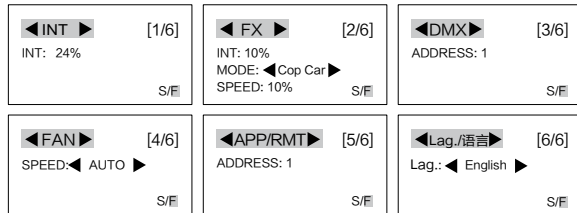
DMX address setting, 1-1 is brightness control, 1-2 is brightness control, 1-3....

Please refer to the chart below for details of the DMX address on the LCD and the corresponding channels on the DMX console.

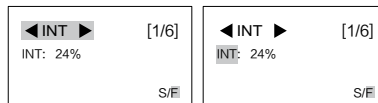
LCD display address	DMX console channels (single color temperature)
1	1-1(Brightness)
2	1-2(Brightness)
.....	
16	1-16(Brightness)
17	2-1(Brightness)
.....	
511	32-15(Brightness)
512	32-16(Brightness)

Operating instructions:

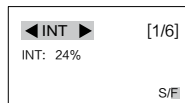
1. Press the ON/OFF button to turn the light on or off.
2. When the first line "CCT" of the LCD display is selected, turn the multifunctional knob to switch between Brightness, FX, DMX setting, Fan , APP/ Remote, Lag. (language) Modes.



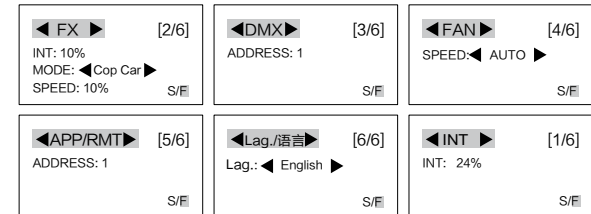
- (1) In the Brightness mode interface, press the button  in the center of the multifunctional knob to switch between brightness display and brightness settings.



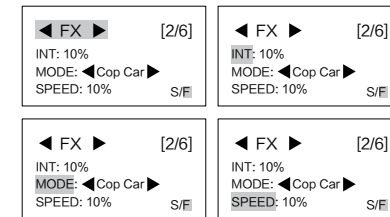
- (2) When the second line "INT" of the LCD display is selected, turn the multifunctional knob to decrease or increase the brightness. The brightness adjustment range is 0%-100%.



3. When the first line "FX" of the LCD display is selected, turn the multifunctional knob to switch between Brightness, FX, DMX setting, Fan , APP/ Remote, Lag. (language) Modes.

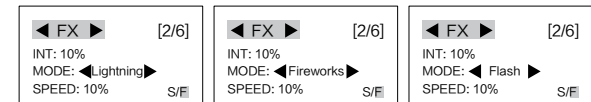


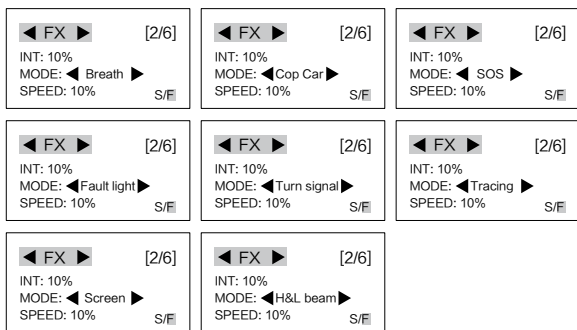
- (1) In the FX mode interface, press the button  in the center of the multifunctional knob to switch between FX display, Brightness, Mode and Speed settings.



- (2) When the second line "INT" of the LCD display is selected, turn the multifunctional knob to decrease or increase the brightness. The brightness adjustment range is 0%-100%.

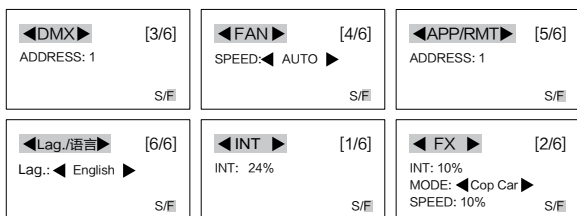
- (3) When the third line "Mode" of the LCD display is selected, turn the multifunctional knob to change between different lighting effect as below:



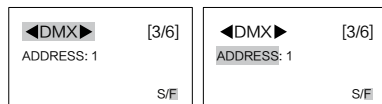


(4) When the fourth line "Speed" of the LCD display is selected, turn the multifunctional knob to change the speed between 0-100%.

4. When the first line "DMX" of the LCD display is selected, turn the multifunctional knob to switch between Brightness, FX, DMX setting, Fan , APP/ Remote, Lag. (language) Modes.

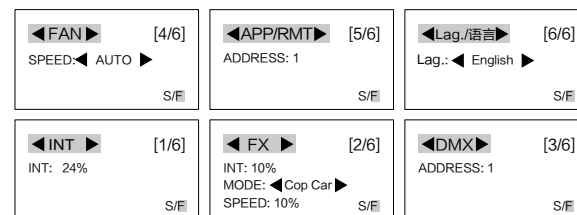


(1) In the DMX mode interface, press the button  in the center of the multifunctional knob to switch between DMX display and Address settings.

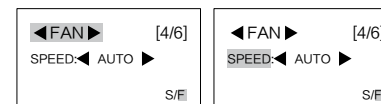


(2) When the second line "Address" of the LCD display is selected, turn the multifunctional knob to change the address. The DMX address range is 1-512.

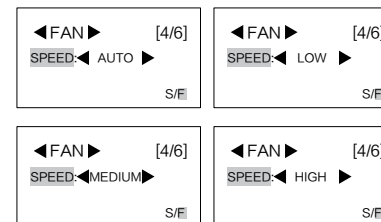
5. When the first line "FAN" of the LCD display is selected, turn the multifunctional knob to switch between Brightness, FX, DMX setting, Fan , APP/ Remote, Lag. (language) Modes.



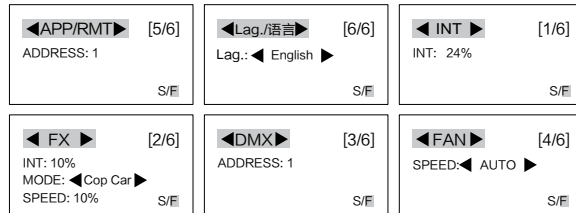
(1) In the DMX mode interface, press the button  in the center of the multifunctional knob to switch between Fan display and Speed settings.



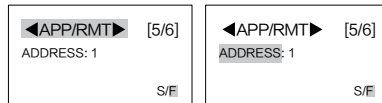
(2) When the second line "Speed" of the LCD display is selected, turn the multifunctional knob to change the fan speed between low, medium, high and auto.



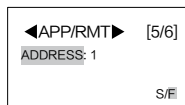
6. When the first line "APP/Remote" of the LCD display is selected, turn the multifunctional knob to switch between Brightness, FX, DMX setting, Fan, APP/ Remote, Lag. (language) Modes.



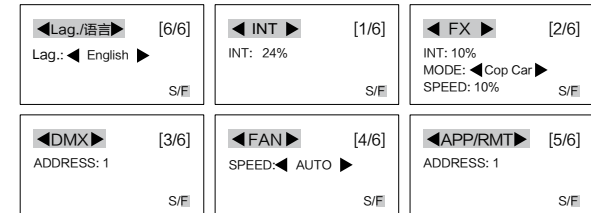
(1) In the DMX mode interface, press the button  in the center of the multifunctional knob to switch between APP/Remote display and Address settings.



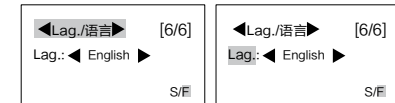
(2) When the second line "Address" of the LCD display is selected, turn the multifunctional knob to change the APP/Remote address between 1 - 12.



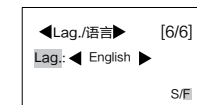
7. When the first line "Lag." of the LCD display is selected, turn the multifunctional knob to switch between Brightness, FX, DMX setting, Fan, APP/ Remote, Lag. (language) Modes.



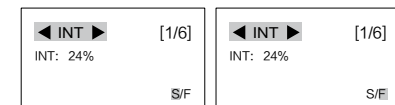
(1) In the Lag. (language) mode interface, press the button  in the center of the multifunctional knob to switch between Lag. (language) display and settings.



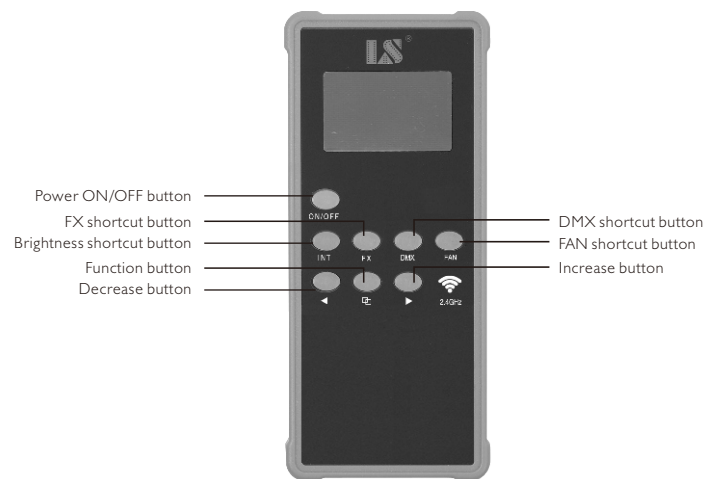
(2) When the second line "Lag." of the LCD display is selected, turn the multifunctional knob to change the Language between Chinese and English.



8. Fast and slow adjustment in the "INT" and "FX Speed" modes: Press the multifunctional button  in the center of the multifunctional knob for more than 3 seconds to switch between the fast adjustment and slow adjustment. Press the multifunctional button for 3s, the lower right corner will switch between F and S modes. In F mode, the brightness and speed are adjusted in 10% increments or decrements, while in S mode, the increments or decrements will be changed to 1%.



Remote control operating instructions:



- (1) Set the wireless receiving address of the light, ranging from 1-12.
 - (2) Press the "Function button", when the first line is selected, move the cursor to the address setting and then press the "Decrease button" or "Increase button" to set the address between 1-12.
 - (3) Ensure that the remote control setting address on the light fixture (single light fixture or multiple light fixtures) is consistent with the APP/remote control setting address on the remote control, and then single or multiple lights can be controlled normally.
 - (4) When pressing the "Function button", the first line is selected, you can switch between the "Brightness", "FX", "DMX setting", "Fan", "APP/Remote" and "Lag." modes interfaces through the "Decrease button" and "Increase button". And in each mode, press the "Decrease button" and "Increase button" to change the corresponding data.
 - (5) The wireless remote control distance of the remote control is about 20 meters.
- NOTE: The wireless receiving address setting on the light fixture can not be changed on the remote control, it can only be changed on the light fixture.

USB port operation:



When the device requires a software upgrade, you can connect a USB flash drive through the USB port.
(Upgrade software can be downloaded from www.lishuai.com.cn or www.lishuai-lighting.com)

Operation:

- (1) Download the updates to an USB flash drive from the above website.
- (2) Remove the dustproof plug from the USB port and insert the USB flash drive with the upgrade program.
- (3) Power on; the DATA indicator light will flash. The upgrade is complete when the "Welcome" message appears in the LCD display.
- (4) It takes about 10 seconds to finish upgrading. After the upgrade is complete, remove the USB flash drive and replace the dustproof plug.

Warranty: LED lights are guaranteed for 1 years.