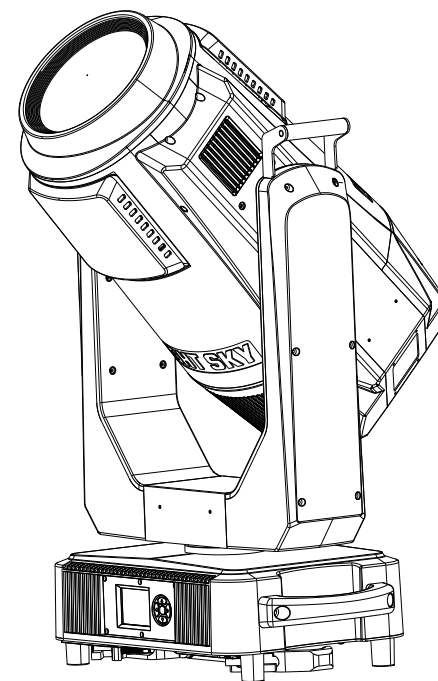


# LIGHT SKY<sup>®</sup>

FLY DRAGON LIGHTING EQUIPMENT CO.,LTD



## LIGHT SKY<sup>®</sup>

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**LIGHT SKY<sup>®</sup>**



## F1700WB-P

## USER MANUAL

Please read these user manual carefully before use!

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Congratulations on choosing our company product! We thank you for your custom.

- ◆Please note that this product, as all the others in the rich my company range, has been designed and made with total quality to ensure excellent performance and best meet your expectations and requirements.
- ◆Carefully read this user manual in its entirety and keep it safe for future reference.  
It is essential to know the information and comply with the instructions given in this manual to ensure the fitting is installed, used and serviced correctly and safely.
- ◆My company disclaims all liability for damage to the fitting or to other property or persons deriving from installation, use and maintenance that have not been carried out in conformity with this user manual, which must always accompany the fitting.
- ◆My company reserves the right to modify the characteristics stated in this user manual at any time and without prior notice.

## SAFETY INFORMATION



■ This lighting fixture is for professional use only - it is not for household use.

### ■ Installation

Make sure all parts for fixing the projector are in a good state of repair.

Make sure the point of anchorage is stable before positioning the projector.

The safety chain must be properly hooked onto the fitting and secured to the framework.

When suspending the fixture, ensure that the supporting structure and all hardware used can hold at least 10 times the weight of all the devices they support.

•



### ■ Mounting surface and fire protection

Please do not install the fixture onto combustible surface.

Keep all combustible materials at least 20 cm away from the fixture.

Ensure a minimum clearance of 0.2m around the cooling fans and ventilation.



Do not expose the front glass to sunlight or other strong light source from any angle.

Lenses can focus the sun's rays inside the fixture, creating a potential fire hazard.

ta40°C



### ■ Maximum ambient temperature

The fixture is intended for indoor application.

Do not operate the fixture if the ambient temperature (Ta) exceeds 40°C.



### ■ Protection against electrical shock

Connection must be made to a power supply system fitted with efficient earthing (Class I appliance according to standard EN 60598-1).

It is, moreover, recommended to protect the supply lines of the projectors from indirect contact and/or shorting to earth by using appropriately sized residual current devices.



### ■ Connection to mains supply

The double insulation between the LV power supply and the control conductor on the fixture. Connection to the electricity mains must be carried out by a qualified electrical installer.

Check that the mains frequency and voltage correspond to those for which the projector is designed as given on the electrical data label.

This label also gives the input power to which you need to refer to evaluate the maximum number of fittings to connect to the electricity line, in order to avoid overloading.

Don't use the power cable when the insulation is damaged.

It must be the manufacturer or distributor or the professional person to change the damaged power cable in order to avoid any dangerous.



t<sub>c</sub>120℃

#### ■Temperature of the external surface

The maximum temperature that can be reached on the external surface of the fitting, in a thermally steady state, is 120℃.

#### ■Maintenance

Before starting any maintenance work or cleaning the projector, cut off power from the mains supply. After switching off, do not remove any parts of the fitting, to avoid getting burnt for at least 30 minutes. After this time the likelihood of the lamp exploding is virtually nil. The fitting is designed to hold in any splinters produced by a lamp exploding. The lenses must be mounted and, if visibly Damaged, they have to be replaced with genuine spares.



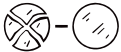
#### ■Lamp

The fitting mounts a high-pressure lamp that needs an external . Immediately replace the lamp if damaged or deformed by heat. The light source in this fixture shall be replaced by the manufacturer or its service agent or similar qualification. Always disconnect from mains before replacing the lamp.

12m

#### ■Minimum distance of illuminated objects

When the luminaire projects an object, the minimum distance of the luminaire to the flammable object is 12 meters.



#### ■Protection against explosion

The protection screen, lens or uv screen on the lamp can be damaged to the degree of failure if visible damage, such as a crack or deep mark, should be replaced.



#### ■Protection optical radiation

Never look directly into the light source. You risk injury to your retina, which may induce blindness.

Do not look at LEDs with magnifiers, telescopes, binoculars or similar optical instruments that may concentrate the light output.



#### ■Battery

This product contains a rechargeable lead-acid battery. To preserve the environment, please dispose the battery at the end of its life according to the regulation in force.



The products referred to in this manual conform to the European Community Directives to which they are subject:

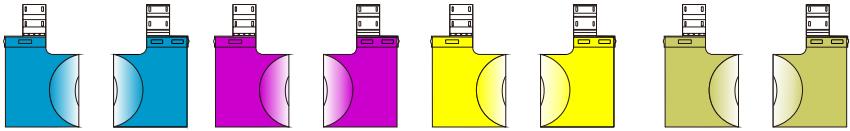
Low Voltage 2014/35/EU

Electromagnetic Compatibility 2014/30/EU

## TECHNICAL INFORMATION

- **Power supplies available :**
  - 198-264V~50/60Hz 11A
- **Power :**
  - 2000W PF≥0.98
- **Lamp :**
  - Light source : OSRAM Iok-itHTI 1700PS
  - Lamp power : 1700W
  - Averagelife : 750H
  - Color Temperature :  
2700K-6500K,Linear CTO adjustment.
- **Luminous flux output :** 37000LM
- **Zoom Range:** 4°- 45°
- **CRI :** Ra ≥ 90
- **Ballast :** Electrical ballast .
- **Reflector :**
  - Double Reflector Cup design,German optical coating process.
- **Color mixing system :**
  - CMY infinite color mixing system,linear color mixing function.
- **Framing Shutter system :**
  - 8 facet & 4 blades framing shutters modules, framing shutter system can be rotated 90°.
- **Frost :**
  - 1° and 20° can be combined.
- **Dimming :**
  - 16Bit,0-100% linear dimming.
- **Iris :**
  - 5-100% linear adjustment aperture,with macro function,the speed is adjustable.
- **Lens :**
  - Diameter φ 200mm large aperture optical lens set.
- **Strobe :**
  - 1-9Hz synchronization,pulse,random stroboscopic.
- **ControlMode :**
  - DMX512, RDM, Art-Net, WirelessDMX512 (optional).
- **X/Y Travel:** 540°/270°
- **X/Y Resolution:** 2.11°/1.05°
- **X/Y Speed:** 2.5S/1.5S
- **Channel :** Standard 32CH
- **IP set :**
  - built-in long-life battery, can set address without power connection.
- **Software upgrade :**
  - Upgrade via USB interface.
- **Display Menu:**
  - The display panel adopts a 2.8-inch color LCD screen, which is used in both Chinese and English languages to facilitate quick operation and browse menus.
  - Display board can record device's using time , show device's temperature, channel data and software version .
- **Working Mode :**
  - Silent , Standard, High brightness three modes.
- **Features :**
  - Remote Control Lamp switch On/Off, automatically reduce the lamp power when the Shutter is Off.
- **Temperature control :**
  - Intelligent temperature control, can automatically adjust the speed of the cooling fan and overheat protection.
- **Error alarm :**
  - Automatic alarming for fixture error.
- **Structure :**
  - plastic cover parts are made of engineering plastic PA66 + GF,with fire-proof, noise reduction, impact resistance, high temperature resistance, anti-aging characteristics.
- The vertical direction of the use of hidden locking device, convenient transportation and maintenance.
- **IP RATE: IP22**
- **Lighting Size :** 503X324X878MM
- **Box Size :** 960X570X395MM
  - N.W.: 41kg , G.W.: 46kg
- **Flycase Size (1PCS):**
  - 765X610X970MM
  - N.W.: 41kg , G.W.: 85.5kg

1



C

M

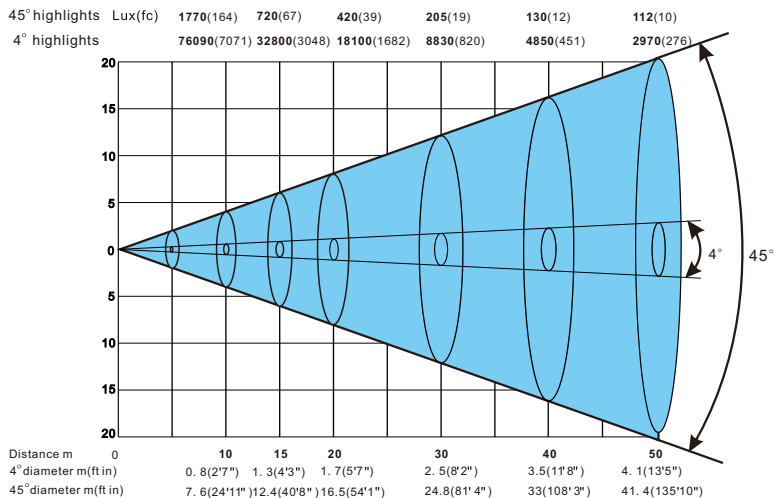
Y

CT0

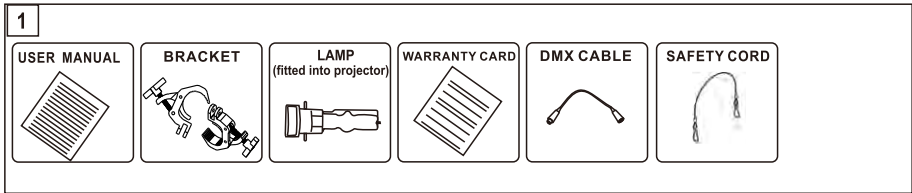
CMY color mixing system

2

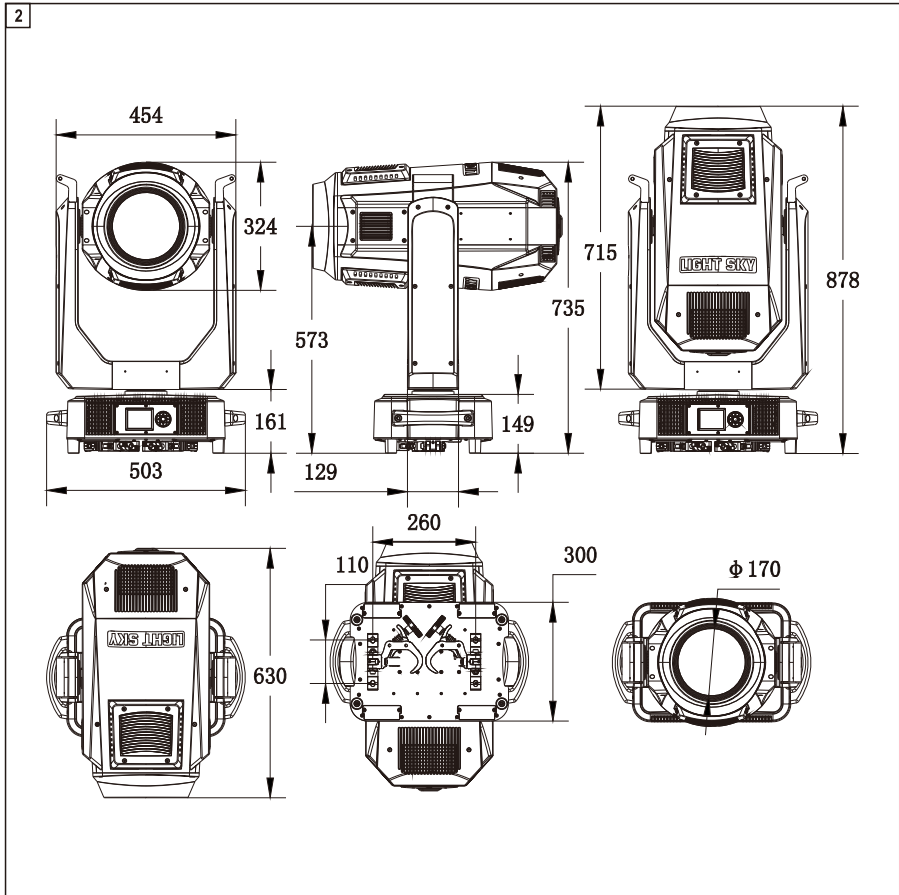
### distance, spot diameter and illumination diagram (Beam model)



## ATTACHMENT AND BODY SIZE

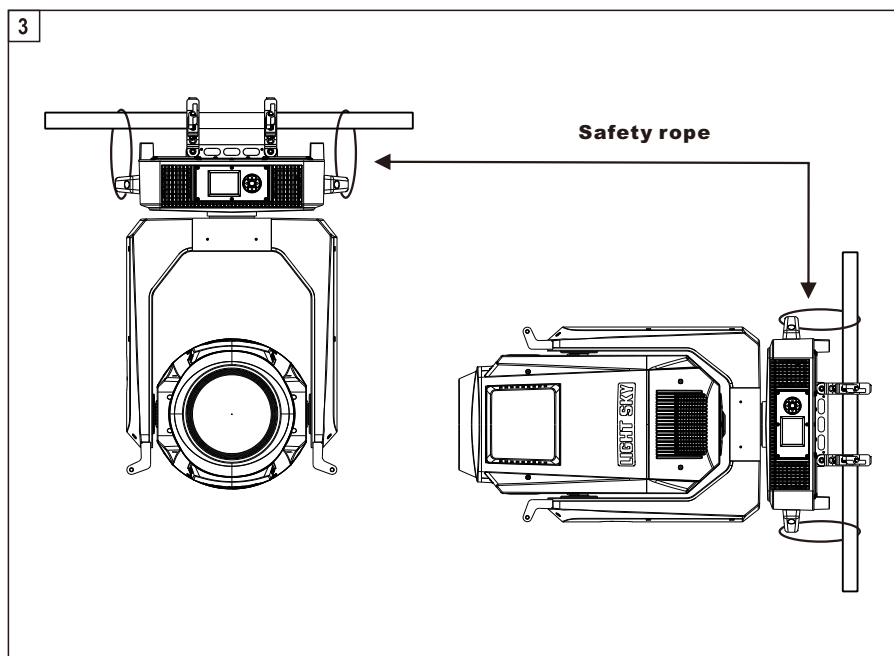


Attachment contents- Fig. 1





## INSTALLATION AND CONNECTING



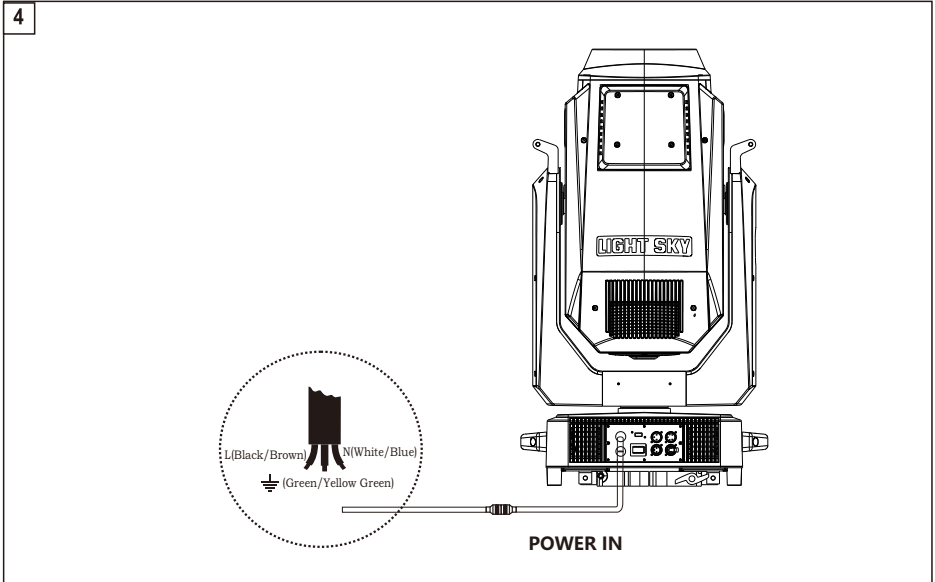
Installing the projector- Fig. 3

The projector can be installed on the floor resting on special rubber feet, on a truss or on the ceiling or wall. **WARNING:**with the exception of when the projector is positioned on the floor, the safety rope must be fitted. This must be securely fixed to the support structure of the projector and then connected to the base handle.

Make sure all parts for fixing the projector are in a good state of repair.



Make sure the point of anchorage is stable before positioning the projector.

When suspending the fixture, ensure that the supporting structure and all hardware used can hold at least 10 times the weight of all the devices they support.

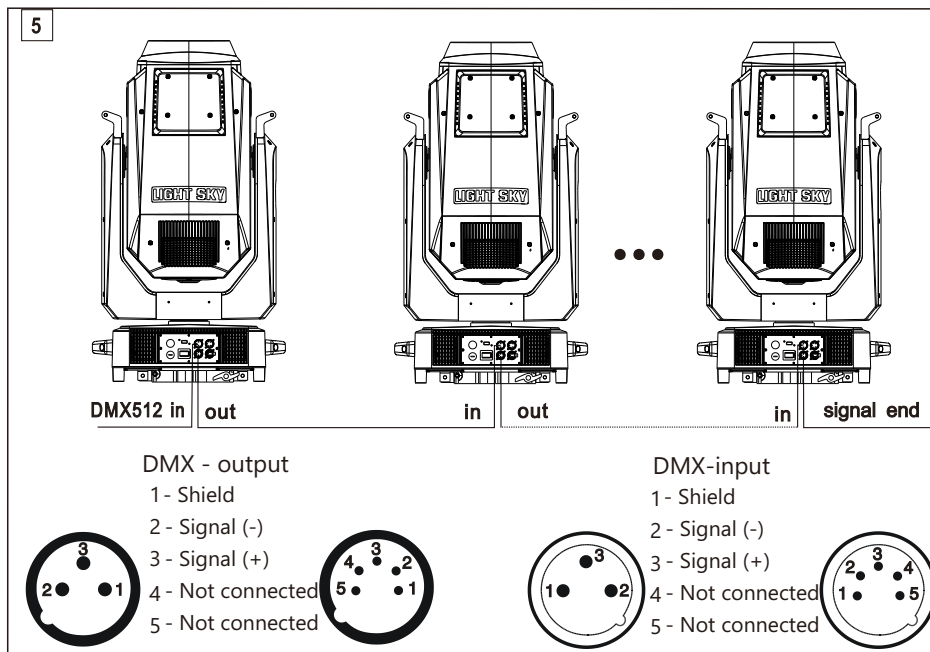


Connecting to the mains supply ---Fig 4

Wire color-coding and power connections:

Conductor	Symbol	Wire Color (EU models)	Wire Color (US models)
live	<b>L</b>	brown	black
neutral	<b>N</b>	blue	white
ground(earth)	 or 	yellow-green	green

- connection to the electricity mains must be carried out by a qualified electrical installer.
- After doing the above operation and making sure all the devices had been installed with natural operate, press the power switch to check whether every -thing is working normally.

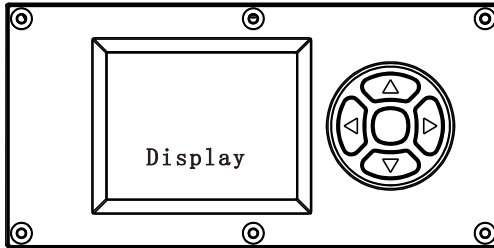


**Connecting to the control signal line (DMX) - Fig. 5**

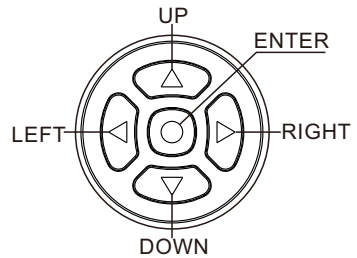
- Please use the round 3 or 5-pin XLR plugs & sockets offered by menu facture to connect the first projector's output to the second projector' input and connect the second projector's output to the third projector's input. And in the same way for the rest, eventually connect the last projector's output, all the projectors are together.
- The projectors's control signal output or input by using the 3 or 5-pin XLR pug and socket. If need to lengthen the communication cable, please make sure the both side of 3 or 5-pin plug is one to one (one to one, two to two, three to three). Otherwise, the communication cable will be interrupted. The communicate cable is 2-cord screened cable 75Ω resistance with each core is at least a 0.5mm diameter. (Caution: All the inside leading wire of 3 or 5-pin XLR plug couldn't touch each other or plinth).
- Recommend to use the DMX signal terminator for the installation to avoid the electronic noise dama -ge the digital control signal. Simply speaking, DMX terminator is an XLR connector with a 120Ω 1/2W resistor connected across pin 2 and 3. Which is then plugged into the output socket on the last projec -tor in the hain. Refer to the connection.

## CONTROL PANEL

6



Up arrowhead : page up  
 Down arrowhead : page down  
 Left arrowhead : reduce  
 Right arrowhead : increase  
 Enter : OK function  
 Exit : in the choice screen



- Press the switch. The projector starts resetting the effects.  
 At the same time, the following information scrolls on the display  
 (please refer to the actual material)

7



DMX: 001 DMX Address info Information

Service

Lamp

Personal

Language

Manual control

Reversal

MENU SETTING

Main menu	I menu	II menu	III menu	IV menu
DMX SETTING	Address	→ 1-512		
	Channel mode	→ Standard (32)		
	→ Input mode	→ DMX 512		
	DMX State	Blackout → Hold		
Info	Fixture times	Power on time	0 - 99999H	
		→ Lamp on time	0 - 99999H	
		All time	0 - 99999H	
	Temperatures	→ Lamp TEMP		
	Fan speed	Head fan 1		
		Head fan 2		
		Lamp fan 1		
		Lamp fan 2		
		→ Lamp fan 3		
		Lamp fan 4		
		Framing fan		
	Fan voltage	Power fan		
		Head fan 1		
		Head fan 2		
		Lamp fan 1		
		Lamp fan 2		
		Lamp fan 3		
		Lamp fan 4		
	RDM info	Framing fan		
		Power fan		
		UID:0x3888XXXXXXX		
	DMX live	→ Manufactory Label: LIGHT SKY		
		Device Label: F1700WB-P		
		1. Pan	0 - 255	
		→ 2. Pan fine	0 - 255	
		3. Tilt	0 - 255	
		4. Tilt Fine	0 - 255	
		5. P/T speed	0 - 255	
		6. Functions	0 - 255	
		7. Strobe	0 - 255	
		8. Dimmer	0 - 255	
		9. Dimmer fine	0 - 255	
		10. Cyan	0 - 255	

Mainmenu		I menu	II menu		III menu	I V menu
Info	→	DMX live	11. Magenta		0 - 255	
			12. Yellow		0 - 255	
			13. CTO		0 - 255	
			14. Blade UP1		0 - 255	
			15. Blade UP2		0 - 255	
			16. Blade DW1		0 - 255	
			17. Blade DW2		0 - 255	
			18. Blade LF1		0 - 255	
			19. Blade LF2		0 - 255	
			20. Blade RF1		0 - 255	
			21. Blade RF2		0 - 255	
			22. Framing Rot.		0 - 255	
			23. Framing Mac.		0 - 255	
			→ 24. Framing Mac. Z.	→	0 - 255	
			25. Zoom		0 - 255	
			26. Focus		0 - 255	
			27. Focus fine		0 - 255	
			28. Auto Fin.		0 - 255	
			29. Auto Dis.		0 - 255	
			30. Iris / 30		0 - 255	
			31. Frost1		0 - 255	
			32. Frost2		0 - 255	
			Display		VX. XXX	
			Pan/Tilt		VX. XXX	
			Color module		VX. XXX	
			Framing module		VX. XXX	
			Zoom module		VX. XXX	
			FanDrv		VX. XXX	
		Ballast info	Input voltage		XXXV	
			Output voltage		XXXV	
			Input current		XXXA	
			→ Output Power		XXXW	
			Internal. T		XXX°C	
			External. T		XXX°C	
			Running state		Error	
				→	OK	
					Fault	
Person	→	Pan/Tilt	PT swap		OFF	
					ON	
			→ Pan invert	→	OFF	
					ON	
			Tilt invert		OFF	
					ON	

Mainmenu		I menu		II menu		III menu		I V menu
Person	→	Power mode	→	1200W mode				
				1400W mode				
				1700W mode				
	→	Display	→	Language		English		
						chinese		
				Backlight time		Always		
						Auto (30S)		
				Intensity		0 - 100		
						Normal		
				Rotation		Rotate 180		
						Auto		
Manual	→	Manual Control	→	1. Pan		0 - 255		
				2. Pan fine		0 - 255		
				3. Tilt		0 - 255		
				4. Tilt Fine		0 - 255		
				5. P/T speed		0 - 255		
				6. Functions		0 - 255		
				7. Strobe		0 - 255		
				8. Dimmer		0 - 255		
				9. Dimmer fine		0 - 255		
				10. Cyan		0 - 255		
				11. Magenta	→	0 - 255		
				12. Yellow		0 - 255		
				13. CTO		0 - 255		
				14. Blade UP1		0 - 255		
				15. Blade UP2		0 - 255		
				16. Blade DW1		0 - 255		
				17. Blade DW2		0 - 255		
				18. Blade LF1		0 - 255		
				19. Blade LF2		0 - 255		
				20. Blade RF1		0 - 255		
				21. Blade RF2		0 - 255		
				22. Framing Rot.		0 - 255		
				23. Framing Mac.		0 - 255		
				24. Framing Mac. Z		0 - 255		
				25. Zoom		0 - 255		
				26. Focus		0 - 255		
				27. Focus fine	→	0 - 255		
				28. Auto Fin.		0 - 255		
				29. Auto Dis.		0 - 255		
				30. Iris		0 - 255		
				31. Frost		0 - 255		
				32. Frost		0 - 255		

Mainmenu		I menu	II menu		III menu		I V menu
Manual	→	Lamp Switch	OFF				
			ON				
		Reset	Pan/Tilt reset				
			Dimmer reset				
			Color reset				
			Framing reset				
			Focus reset				
Test	→	Test all	Test				
		Test pan/tilt	Test				
		Test effects	Test				
Service	→	Fixture state	Memory IC		OK/ Reset/ Error		
			Angle Sensor		OK/ Reset/ Error		
			Pan Encodeer		OK/ Reset/ Error		
			Pan Drive IC		OK/ Reset/ Error		
			Tilt Encoder		OK/ Reset/ Error		
			Tilt Drive IC	→	OK/ Reset/ Error		
			Pan		OK/ Reset/ Error		
			Tilt		OK/ Reset/ Error		
			Cyan		OK/ Reset/ Error		
			Magenta		OK/ Reset/ Error		
			Yellow		OK/ Reset/ Error		
			CTO		OK/ Reset/ Error		
			Zoom	→	OK/ Reset/ Error		
			Focus		OK/ Reset/ Error		
			Framing Rot.		OK/ Reset/ Error		
		Adjust	Pan		0 - 255		
			Tilt		0 - 255		
			Strobe 1		0 - 255		
			Strobe 2		0 - 255		
			Cyan	→	0 - 255		
			Magenta		0 - 255		
			Yellow		0 - 255		



Mainmenu	I menu	II menu		III menu	I V menu
		CT0		0 - 255	
		Blade UP1		0 - 255	
Service	Adjust	Blade UP2		0 - 255	
		Blade DW1		0 - 255	
		Blade DW2		0 - 255	
		Blade LF1		0 - 255	
		Blade LF2		0 - 255	
		Blade RF1		0 - 255	
		→ Blade RF2	→	0 - 255	
		Framing Rot		0 - 255	
		Zoom		0 - 255	
		Focus		0 - 255	
		Iris		0 - 255	
		Frost 1		0 - 255	
		Frost 2		0 - 255	
	→ Factory	→ Factory Reset	Password →	YES / NO	
		Reset timers	Password →	Reset power on timers	YES/NO
				Reset lamp timers	→ YES/NO
				Reset all timers	YES/NO
		Developer	Password →	Correlate lamp	
				Manual Fan Vol	
				Manual Power	
				Manual OR DMX	
		Update	Password →	Simple update	Display
					Pan/Tilt
					Color module
					→ Framing module
					Zoom module

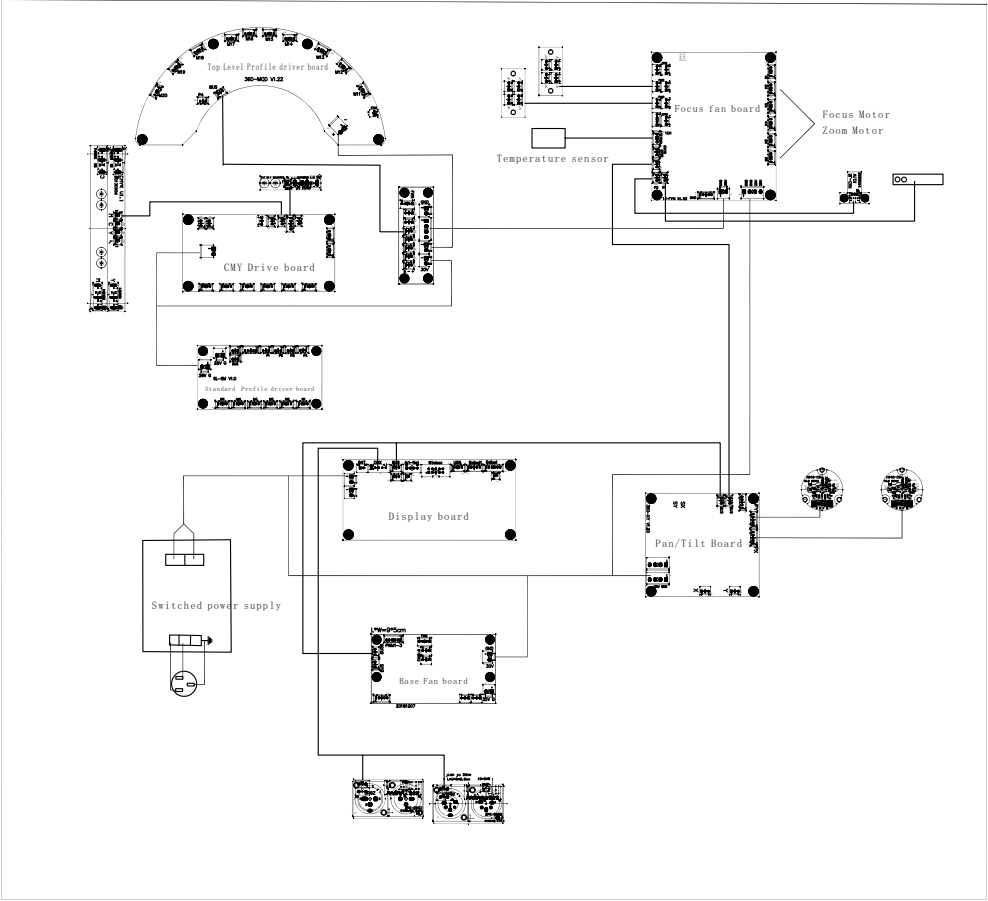
Mainmenu		I menu		II menu		III menu		I V menu
Service	→	Factory	→	Update	<div>Password →</div>	Simple update	→	FANDRV
								ALL
						Whole update	→	Display
								Pan/Tilt
								Color module
								Framing module
								Zoom module
								FANDRV
								ALL

## CHANNEL FUNCTION

Channel	Value	Percentage	Function	Note
1	0-255	0-100	Pan/水平	
2	0-255	0-100	Pan Fine/水平微调	
3	0-255	0-100	Tilt/垂直	
4	0-255	0-100	Tilt fine/垂直微调	
5	0-255	0-100	Pan/Tilt speed	
6			Function/功能	
	0-9		Reserved (0=default)/保留 (0 = 默认值)	
	10-14		RESET ALL/所有功能复位	
	15-19		RESET DIMMER SHUTTER/调光频闪复位	
	20-24		RESET COLOR/COLOR复位	
	25-29		RESET FRAMING/切割模组复位	
	30-34		RESET PT/水平垂直轴复位	
	35-39		RESET ZOOM/调焦缩放复位	
	40-44		LAMP ON/开灯泡	
	45-49		LAMP OFF/关灯泡	
	50-54		Always/背光常亮	
	55-59		Auto (30S)/背光自动 (30S)	
	60-64		POWER MODE 1200W/功率模式1200W	
	65-69		POWER MODE 1400W/功率模式1400W	
	70-74		POWER MODE 1700W/功率模式1700W	
	75-255		Reserved/保留	
7			Shutter/ strobe/频闪	
	0 - 31		Shutter closed/关闭频闪	
	32 - 63		Shutter open (32=default) /打开频闪 (32 = 默认值)	
	64 - 95		Strobe-effect from slow to fast /同步频闪 (由慢至快)	
	96 - 127		Shutter open /打开频闪	
	128 - 143		Opening pulse in sequences from slow to fast/脉冲开启 (由慢至快)	
	144 - 159		Closing pulse in sequences from fast to slow /脉冲关闭 (由快至慢)	
	160 - 191		Shutter open/频闪 开	
	192 - 223		Random strobe-effect from slow to fast /随机频闪效果 (由慢至快)	
	224 - 255		Shutter open /频闪开启	
8	0 - 255	0-100	Dimmer/调光	
9	0 - 255	0-100	Dimmer fine/调光微调	
10	0 - 255	0-100	Cyan/青色	
11	0 - 255	0-100	Magenta/品红色	
12	0 - 255	0-100	Yellow/黄色	
13	0 - 255	0-100	CTO/降温温	
14	0 - 255	0-100	Blade UP1/叶片上1	
15	0 - 255	0-100	Blade UP2/叶片上2	
16	0 - 255	0-100	Blade DW1/叶片下1	
17	0 - 255	0-100	Blade DW2/叶片下2	
18	0 - 255	0-100	Blade LF1/叶片左1	

Channel	Value	Percentage	Function	Note
19	0 - 255	0-100	Blade LF2	
20	0 - 255	0-100	Blade RF1	
21	0 - 255	0-100	Blade RF2	
22	0 - 255	0-100	Framing Rot	
23			Framing Mac	
	0 -- 10		No function	
	11 -- 20		Square	
	21 -- 30		Rectangle	
	31 -- 40		Regular triangle	
	41 -- 50		Iisosceles trapezoid	
	51 -- 60		Sector	
	61 -- 70		Semicircle	
	71 -- 255		Parallelogram	
24	0 - 255	0-100	Framing Mac. Zoom	
25	0 - 255	0-100	Zoom	
26	0 - 255	0-100	Focus	
27	0 - 255	0-100	Focus Fine	
28	0-255	0-100	Auto Fin.	
29			Auto Dis	
	0 - 9		No function	
	10 -- 19		10M	
	20 -- 29		15M	
	30 -- 39		20M	
	40 -- 49		30M	
	50 -- 59		40M	
	60 -- 255		50M	
30			Iris	
	0 - 127		Maximum to minimum aperture	
	128 - 159		Slow in and fast out from slow to fast	
	160 - 191		Fast in and slow out from slow to fast	
	192 - 255		Slow in Slow out from slow to fast	
31			Frost1	
	0 - 127		Minimum atomization to maximum atomization	
	128 - 159		Slow in and fast out from slow to fast	
	160 - 191		Fast in and slow out from slow to fast	
	192 - 255		Slow in Slow out from slow to fast	
32			Frost2	
	0 - 127		Minimum atomization to maximum atomization	
	128 - 159		Slow in and fast out from slow to fast	
	160 - 191		Fast in and slow out from slow to fast	
	192 - 255		Slow in Slow out from slow to fast	

CIRCUIT CONNECTING DIAGRAM



## CLEANING AND MAINTENANCES

- In order to ensure the projector could work normally. It should be kept clean always. It is recommended that the fans and ventilation in let should be cleaned every 15 days. The lens and dichroic colour filters should also be regularly cleaned to maintain an optimum light output. Do not use any type of solvent on dichroic colour filters. It will damage the projector.
- Suggestion: The continue usage of the light don't exceed 4 hours. Or it will shorter the usage of the lamp. Please use the alternative operation to solve this problems.
- Please disconnect the power supply when begin to maintain or takedown the light. Please let the parts cool down 10 minute at least then begin to install. If need to replace the lamp, please wait 10 minute again at least to let the lamp cool down completely or which maybe burned down.
- Please inspect the lens or other moving parts timing and keep them clear and static. If find anything damaged or looseness, must change a lamp or fix the lamp in order to avoid the accident.
- The light use the strong cool system. It is easy for the dirty to be collected. Please do clear the hot-sak one time two week at least.
- After you use the light, please check the intake place whether there are some wastepaper, please clean it up, or the windmill will break down and causing fire.

## TROUBLESHOOTING

It is recommended some solution for some normal trouble shooting. Any unsolved problems should always be handle by the professional person. Disconnect the power supply before maintenance the light.

### ■ Lamp off :

- ⊙ Please check if install the suitable lamp.
- ⊙ Please check the connection of the power supply or switch is ok.
- ⊙ Please check whether the lamp will reach the end of their life can explode, please replace a same description lamp.
- ⊙ Please measure if the power supply is enough.
- ⊙ Please check if the operation is correct. Please wait 30 minutes at least till the lamp cool down enough, then could the connect the power supply, which could be normal work.

- ◎ Please check whether the DMX512 controller pass the “turn on” order.
- ◎ Please check the connection of the trigger circuit is loose contact.
- ◎ Please check whether the connected point of the trigger point is loose contact, faster the connect cable.
- ◎ Check menu “information” → fan speed/voltage → fan1, fan2, fan3” , Whether the fan speed in 500RPM above, below 500RPM the lamp does not light, replace with the specifications of the fan.
- ◎ Please check if the switch of the temperature is damaged.
- ◎ Enter the menu “information” select “temperature” to see whether the temperature display board is too high or no temperature display.

■ **The light beam dark, not inhomogeneous.**

- ◎ when the lamp is to the usage life , the light is not enough, please change a new one for the same description.
- ◎ Please check the reflector parts is dirty. Keep them clear.
- ◎ Please measure if the power supply is enough.
- ◎ Small adjusting is suitable for change height or screw system till get a ideal light beam.
- ◎ Enter the menu “service options” to choose “calibration” to enter the “Color” and “Gobo” adjustment, the center can be modulated.

■ **The light shadow is fogging.**

- ◎ Please check the data on the DMX 512 controller is suitable for the electric focus.
- ◎ Please check the mechanical parts is jamming. After cleaning, please add some temperature -durable juice.

■ **The light works interruptly**

- ◎ Please check if the fan works normally or more clogging.
- ◎ Please check whether the abstract heat have the more clogging.
- ◎ Please check if the lamp is to the usage life.
- ◎ Please check if the power supply is enough, the connection of the power supply or the circuit are good.
- ◎ Please check if the switch of the super-temperature is good.

■ Though the light is lighting, but it couldn't accept the control order:

- ◎ Please check the start code address and the function option are correct.
- ◎ Please check whether the communicate control cable is on good connection or the cable is too long or interrupt.
- ◎ Please check the control system is not valid, check the signal amplifier of chain connected is valid.
- ◎ Please check whether the communicate cable is too long or the other equipment is mutually conjugate.
- ◎ Please arrange the wire well, Shorter the signal cable, put the high voltage cable and low voltage cable separately.
- ◎ Add the signal amplify isolator.
- ◎ Signal cable is used the excellent screening doublet (Resistance  $75\ \Omega$ )
- ◎ The end of the light end and the end resistance.
- ◎ When the lamp don't cool down enough but do the incorrect operation will let the trigger up to super-high voltage leak. It will damage the electric circuit and communicate IC or CPU. Under this condition, please change the PCB board.

■ the light can't move

- ◎ Please check if the power supply is suitable for the light voltage data.
- ◎ Please check the fuse of input voltage is defective.
- ◎ Please check the light if they are deforming, inside parts is broken, become wet...etc will lead the loose contact.
- ◎ Please check if the inside lead wire and the connector is loose.
- ◎ Please check the electric parts (such as the switch, transformer, ballast, electric capacity, piezoresistor, filter, PCB board, controller to motor) is short-circuit or burn down.

■ Part of the projector couldn't be responsed to the controlling order:

- ◎ Please check the order is correct to the moving.
- ◎ Please check the mechanical part is deformation or loose.
- ◎ Please check the function to the motor socket is loose or drive chip is burn down.
- ◎ Please check the wire of the motor is cut at zig point.
- ◎ Please check these function to the motor is damaged.



■ On working, the pan & tilt couldn't work normally:

- ⊙ Please check according to the above step by step.
- ⊙ Please check the belt of the X. Y is broken.
- ⊙ Please check the X/Y direction data to the receiver is damage.
- ⊙ Re-projector reset.

## **DUTY EXONERATIVE AND COPYRIGHT PROTECTION**

- ◇ The lamp belongs to consumption products that is not guarantee to keep it in good repair.
- ◇ Any products broken that didn't according to the instruction is not guarantee to keep it in good repair.
- ◇ The commentary for all the instruction belongs to the supplier in final.
- ◇ No authorize can't copy.
- ◇ The information in this manual may be changed in the future, the company reserve the right to change the data without any advise.