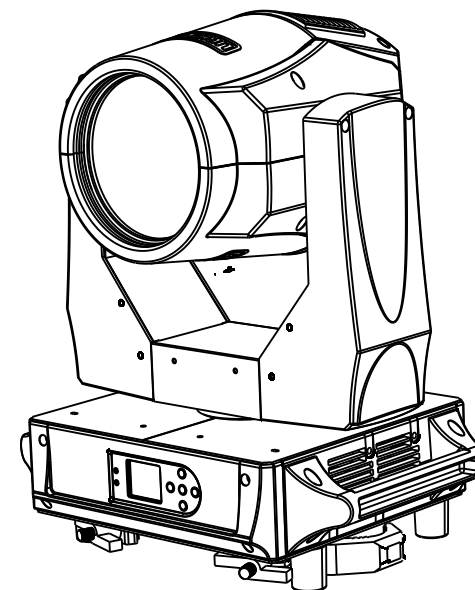


LIGHT SKY®

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LIGHT SKY®



F260II PLUS

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



■ 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, so that, if the primary support system fails, the fitting falls as little as possible.
If the safety chain gets used, it needs to be replaced with a genuine spare.

■ Mounting surfaces

It is permissible to mount the fitting on normally flammable surfaces.



■ Minimum distance of illuminated objects

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



Please do not install the fixture onto combustible surface.

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

t_a 40°C



■ Maximum ambient temperature

The fixture is intended for indoor application.
Do not operate the fixture if the ambient temperature (T_a) 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_e 100°C

■ 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 100°C.



■ 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 nill.

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.



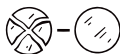
■ Lamp

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.



■ 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 stare directly into the light output. Never look at an exposed lamp while it is lit.



■ 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 :

- AC100-240V 50/60Hz

●Power :

- 360W, PF 0.986

●Lamp

- Brand: NEOLUX® STAGE 260W
- Lamp power: 260W
- Colour temperature: 7800K
- Average life: 2500h

●Luminous flux : 10000LM

●Motors :

- 12 ultra-quiet motors

●Inputs :

- DMX512

●Color

- 14 colors + white

●Gobo

- $\phi 106$ 11Gobo + 1 white + 3 animation range

●Strobe

- Double lens strobe (0.5-9 times/second)

●Dimmer

- 0-100% linear adjustment.

●Beamangle

- 2°

●Prism

- 8 Prism+16 double Prism+multi combination effect

●Focus and Lens

- High precision optical lens

●X/Y Travel: 540°/270°

●X/Y Resolution: 2.11°/0.98°

●X/Y Speed: 2.7S/1.6S

●Wash effect

- Adjustable wash effect angle

●Features

- Remote control lamp's switch function display light and lamp's using time. automatically adjust cooling-fan's speed, Drop power when strobe lens.

●IP20 protection/IP20

●Safety Devices

- BIPOlar circuit breaker with thermal protection.
- Automatic break in power supply in case of overheating or failed operation of cooling system.

●Cooling

- Forced ventilation with axial fans.

●Structure

- Heat-proof plastic+module pressing alloy materials.

- The vertical direction of the use of hidden locking device, convenient transportation and maintenance.

●CE Marking

- In conformity with the European Union Low Voltage Directive 2014/35/EU and Electromagnetic compatibility Directive 2014/30/EU.

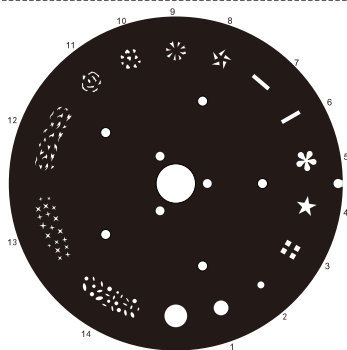
●Light size : 380X280X480.5MM

●Box Size :

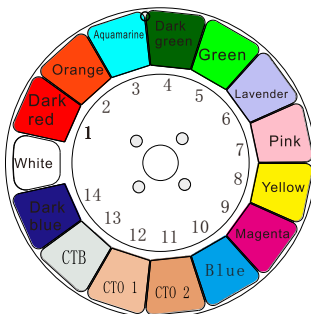
- 400X345X570MM(1 pcs)
N.W.: 17.8Kg , G.W.: 20.3Kg

●Flycase Size 尺寸(2 pcs):

- 885X490X740MM
N.W.: 35.6Kg , G.W.: 69.8Kg



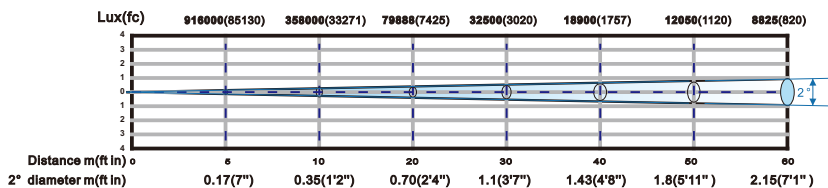
Gobo Wheel
(please refer to the actual material)



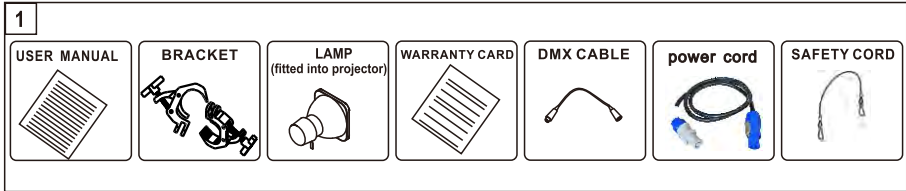
Color Wheel
(please refer to the actual material)

distance, spot diameter and illumination diagram

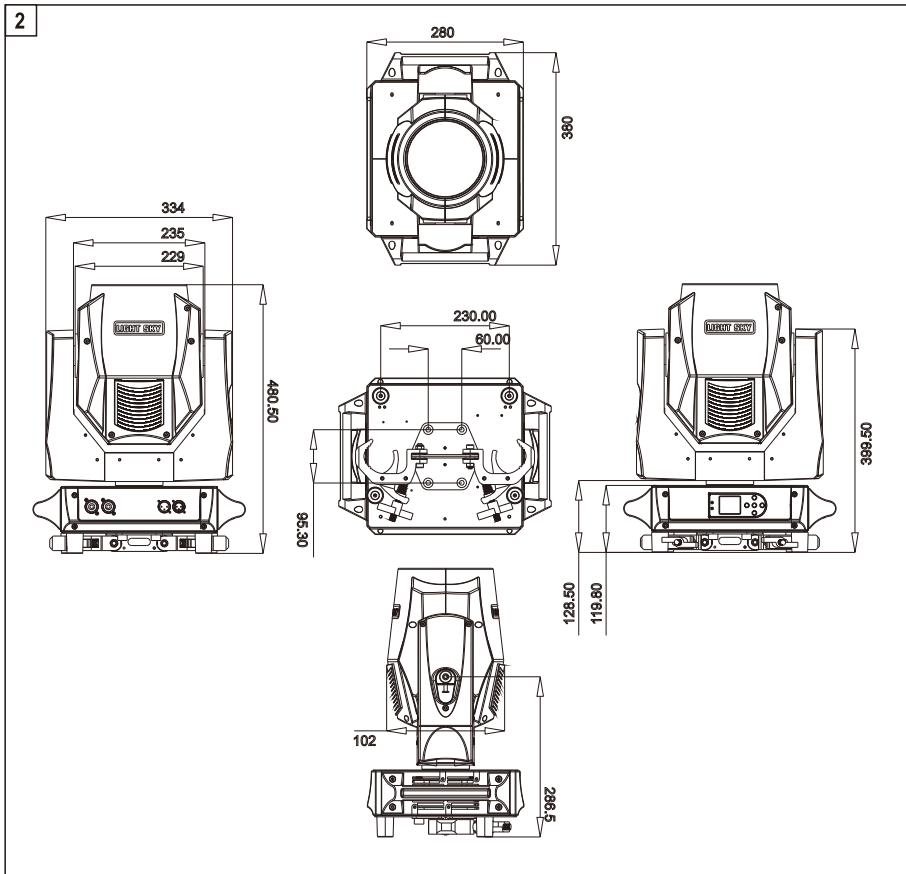
Standard (2°)



ATTACHMENT AND BODY SIZE

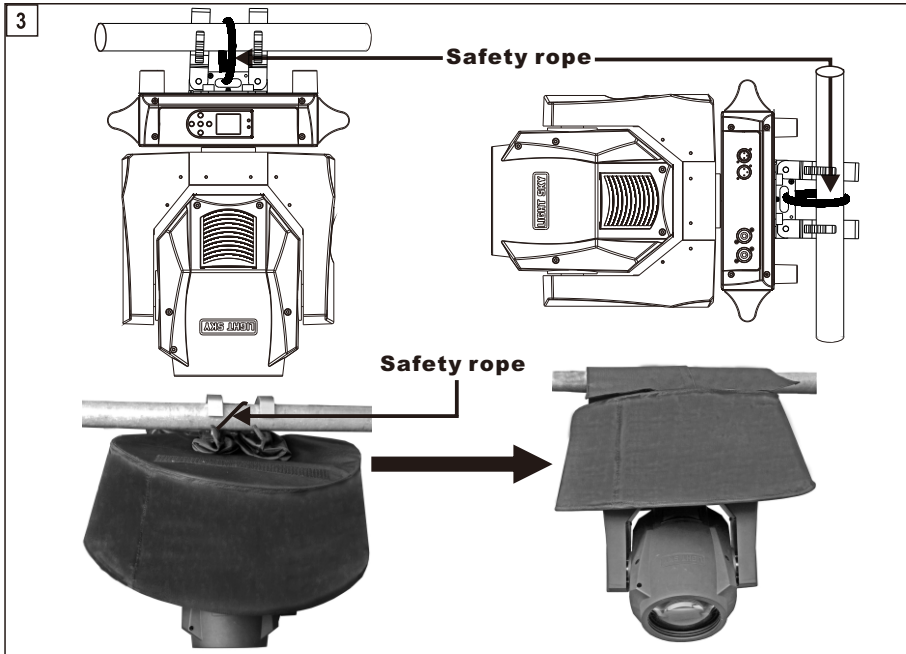


Attachment contents- Fig. 1



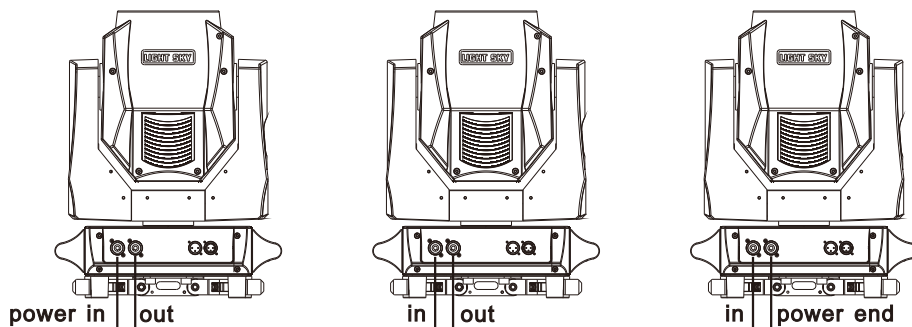
Body Size---Fig 2

INSTALLATION AND CONNECTING

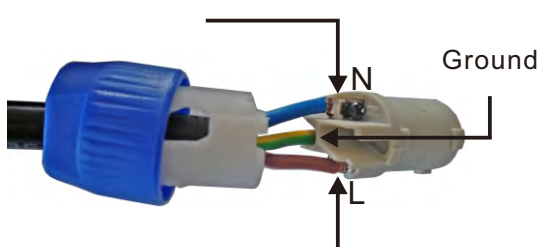


Installing the projector- Fig. 3

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 fixing point at the centre of the base.



The N terminal is connected with the blue line.



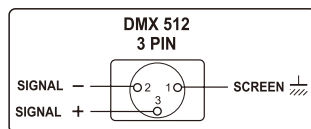
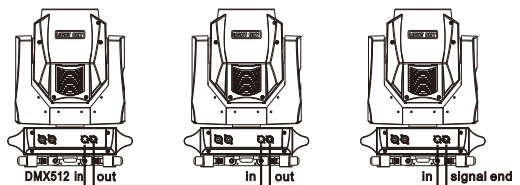
The L terminal is connected with the brown line.



Connecting to the mains supply ---Fig 4

- The stage lighting power supply can not be more than 3pcs pre line, different types of lamps are connected as follows:
- 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.

5



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

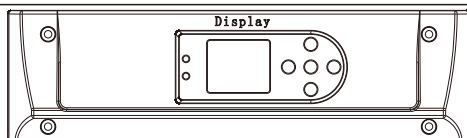
© Please use the round 3 or 5-pin XLR plugs & sockets offered by menu factory to connect the first projector's output to the second projector's input and connect the second projector's output to the third projector's input. And in the same way for the rest, eventually connect the last projector's output, all the projectors are together.

© The projectors' control signal output or input by using the 3 or 5-pin XLR plug 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 communication cable is 2-core 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 damage 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 projector in the chain. 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

MENU SETTING(V1.0)

Main menu	I menu	II menu	III menu
DMX Address →	Address	1-512	
Information →	Lighting time	Clear device time	
	Light source time	Clear light time	
	Temperature	Light source / display board / sensor 1 / sensor 2 Temperature	
	Communication status	Display the communication status between the board and the motor board	
	Motor information	Motor information in equipment	
	Fault / status record	Record the fault name and time	
	DMX live	Current communication data of the device	
	edition	Manufacturer / device name / model / display board version and date / motherboard version and date	
manual control →	Bulb switch	On / off	
	Mode selection	DMX/Self walking / voice control / scene	
	Scene mode	Auto / 1 ~ 10	
	Channel control	Scene selection(1~10)	
		Scene time (0s-25.5s)	
		Channel parameter setting (0~255)	
		X/Y axis	
	Lamp reset	colour	
		pattern	
		Stroboscopic	
		Focus and prism	
		whole	
Personal	Channel selection	Select according to the number of existing channels of the program	
	Master slave mode (it takes effect when it is not in the DMX mode, select the mode of	automatic	
		Slave	
		host	
	X-axis reverse	On / off	
	Y-axis reverse	On / off	
	Optocoupler calibration	On / off	
	X-axis offset	4~150	
	Y-axis offset	4~48	
	Data retention	On / off	
	Light on mode (set the way to turn on the bulb for the first time after power on)	Power on	
		Manual	
		After reset	
	Factory settings	Restore to factory default parameter settings	

Main menu	I menu	II menu	III menu
Display settings	language	Chinese / English	
	Screen saver	close	
		Mode 1	
		Mode 2	
		Mode 3	
	Screen rotation	Forward / reverse	
	indicator light	Mode 1	
		Mode 2	
		Mode 3	
	Screen backlight	1~10	
Parameter calibration	In the main interface, long press the exit key (the key on the left of the upright display screen) for 3S to pop up the password box. Enter		

CHANNEL FUNCTION(V1.0)

CHANNEL table (standard 16CH)

Channe	DMX	Percentage	Function
1	Colour		
	0-4	0-1.56	White
	5-8	1.96-3.14	White+Red
	9-12	3.53-4.71	Red
	13-17	5.10-6.67	Red+Orange
	18-21	7.06-8.24	Orange
	22-25	8.63-9.80	Orange+Aquamarine
	26-29	10.2-11.4	Aquamarine
	30-34	11.8-13.3	Aquamarine+Green
	35-38	13.7-14.9	Green
	39-42	15.3-16.5	Green+Light Green
	43-46	16.9-18.0	Light Green
	47-51	18.4-20.0	Light Green+Lavender
	52-55	20.4-21.6	Lavender
	56-59	22.0-23.1	Lavender+Pink
	60-63	23.5-24.7	Pink
	64-68	25.1-26.7	Pink+Yellow
	69-72	27.0-28.2	Yellow
	73-76	28.6-29.8	Yellow+Magenta
	77-81	30.2-31.8	Magenta
	82-85	32.2-33.3	Magenta+Cyan
	86-89	33.7-34.9	Cyan
	90-93	35.3-36.5	Cyan+CT02
	94-98	36.9-38.4	CT02
	99-102	38.8-40.0	CT02+CT01
	103-106	40.4-41.6	CT01
	107-110	42.0-43.1	CT01+CTB
	111-115	43.5-45.1	CTB
	116-119	45.5-46.7	CTB+Dark Blue
	120-123	47.1-48.2	Dark Blue
	124-127	48.6-49.8	Dark Blue+White
	128-191	50.2-74.9	CCW, Fast→Slow Rotation
	192-255	75.3-100	CW, Slow→Fast Rotation
2	Strobe		
	0-3	0-1.2	Closed
	4-103	1.6-40.4	Slow-Fast Strobe
	104-107	40.8-42.0	Open
	108-157	42.4-61.6	Pulsation slow-fast, fast off,slow open
	158-207	62.0-81.2	Pulsation slow-fast, fast open,slow off
	208-212	81.6-83.1	Open
	213-251	83.5-98.4	Random Slow-Fast Strobe
	252-255	99.8-100	Open

Channe	DMX	Percentage	Function
3	0-255	0-100	Dimmer
4	GOBO		
	0-3	0-1.2	White
	4-7	1.6-2.7	Gobo1
	8-11	3.1-4.3	Gobo2
	12-15	4.7-5.9	Gobo3
	16-19	6.3-7.5	Gobo4
	20-23	7.8-9.0	Gobo5
	24-27	9.4-10.6	Gobo6
	28-31	11.0-12.2	Gobo7
	32-35	12.5-13.7	Gobo8
	36-39	14.1-15.3	Gobo9
	40-43	15.7-16.9	Gobo10
	44-47	17.3-18.4	Gobo11
	48-51	18.8-20.0	Gobo12
	52-55	20.4-21.6	Gobo13
	56-59	22.0-23.1	Gobo14
	60-73	23.5-28.6	Gobo1 Shake Slow-Fast Speed
	74-87	29.0-34.1	Gobo2 Shake Slow-Fast Speed
	88-101	34.4-39.6	Gobo3 Shake Slow-Fast Speed
	102-115	40.0-45.1	Gobo4 Shake Slow-Fast Speed
	116-129	45.5-50.6	Gobo5 Shake Slow-Fast Speed
	130-143	51.0-56.1	Gobo6 Shake Slow-Fast Speed
	144-157	56.5-61.6	Gobo7 Shake Slow-Fast Speed
	158-171	62.0-67.1	Gobo8 Shake Slow-Fast Speed
	172-185	67.5-72.6	Gobo9 Shake Slow-Fast Speed
	186-199	72.9-78.0	Gobo10 Shake Slow-Fast Speed
	200-213	78.4-83.5	Gobo11 Shake Slow-Fast Speed
	214-227	83.9-89.0	Gobo12 Shake Slow-Fast Speed
	228-241	89.4-94.5	Gobo13 Shake Slow-Fast Speed
	242-255	94.9-100	Gobo14 Shake Slow-Fast Speed
5	Prism		
	0-63	0-24.7	Unused Range
	64-127	25-49.8	Prism1
	128-191	50.2-74.9	Prism2
	192-255	75.3-100	Prism1+Prism2
6	Prism Rotation		
	0	0	Unused Range
	1-63	0.4-24.7	0-180° rotation
	64-127	25.1-49.8	CCW, Fast → Slow
	128-191	50.2-74.9	CW, Slow → Fast

Channe	DMX	Percentage	Function
6	192-207	75.3-81.2	Slow → Fast Rotation, 90 degrees back and forth
	208-223	81.6-87.5	Slow → Fast Rotation, 180 degrees back and forth
	224-239	87.8-93.7	Slow → Fast Rotation, 270 degrees back and forth
	240-255	94.1-100	Slow → Fast Rotation, 360 degrees back and forth
7	Prism Macro		
	0-15	0-5.9	Unused Range
	16-55	6.3-21.6	From fast to slow, 8 prism free switch
	56-95	22.0-37.3	From fast to slow, 16 prism free switch
	96-135	37.6-52.9	From fast to slow, 8 prism+16 prism at the same time free switch
	136-175	53.3-68.6	8 prism + 16 prism to free switch from fast to slow
	176-215	69.0-84.3	16 prism + 8 prism to free switch from fast to slow
	216-255	84.7-100	From fast to slow, 8 prism and the 16 prism interlock switch
8	0-255	0-100	Frost
9	0-255	0-100	Focus
10	0-255	0-100	Pan
11	0-255	0-100	Pan Fine
12	0-255	0-100	TILT
13	0-255	0-100	TILT Fine
14	0-255	0-100	Unused Range
15	Reset		
	0-25	0-9.8	Unused Range
	26-76	10.2-29.8	Effect Reset
	77-127	30.2-49.8	PAN/TITL Reset
	128-255	50.2-100	Complete Reset
16	Lamp control		
	0-25	0-9.8	Unused Range
	26-100	10.2-39.2	Lamp OFF
	101-255	39.6-100	Lamp ON

CHANNEL table (steamline 14CH)

Channe	DMX	Percentage	Function
1	Colour		
	0-4	0-1.56	White
	5-8	1.96-3.14	White+Red
	9-12	3.53-4.71	Red
	13-17	5.10-6.67	Red+Orange
	18-21	7.06-8.24	Orange
	22-25	8.63-9.80	Orange+Aquamarine
	26-29	10.2-11.4	Aquamarine
	30-34	11.8-13.3	Aquamarine+Green
	35-38	13.7-14.9	Green
	39-42	15.3-16.5	Green+Light Green
	43-46	16.9-18.0	Light Green
	47-51	18.4-20.0	Light Green+Lavender
	52-55	20.4-21.6	Lavender
	56-59	22.0-23.1	Lavender+Pink
	60-63	23.5-24.7	Pink
	64-68	25.1-26.7	Pink+Yellow
	69-72	27.0-28.2	Yellow
	73-76	28.6-29.8	Yellow+Magenta
	77-81	30.2-31.8	Magenta
	82-85	32.2-33.3	Magenta+Cyan
	86-89	33.7-34.9	Cyan
	90-93	35.3-36.5	Cyan+CT02
	94-98	36.9-38.4	CT02
	99-102	38.8-40.0	CT02+CT01
	103-106	40.4-41.6	CT01
	107-110	42.0-43.1	CT01+CTB
	111-115	43.5-45.1	CTB
	116-119	45.5-46.7	CTB+Dark Blue
	120-123	47.1-48.2	Dark Blue
	124-127	48.6-49.8	Dark Blue+White
	128-191	50.2-74.9	CCW, Fast→Slow Rotation
	192-255	75.3-100	CW, Slow→Fast Rotation
2	Strobe		
	0-3	0-1.2	Closed
	4-103	1.6-40.4	Slow-Fast Strobe
	104-107	40.8-42.0	Open
	108-157	42.4-61.6	Pulsation slow-fast, fast off, slow open
	158-207	62.0-81.2	Pulsation slow-fast, fast open, slow off
	208-212	81.6-83.1	Open
	213-251	83.5-98.4	Random Slow-Fast Strobe
	252-255	99.8-100	Open

Channe	DMX	Percentage	Function
3	0-255	0-100	Dimmer
4	GOBO		
	0-3	0-1.2	White
	4-7	1.6-2.7	Gobo1
	8-11	3.1-4.3	Gobo2
	12-15	4.7-5.9	Gobo3
	16-19	6.3-7.5	Gobo4
	20-23	7.8-9.0	Gobo5
	24-27	9.4-10.6	Gobo6
	28-31	11.0-12.2	Gobo7
	32-35	12.5-13.7	Gobo8
	36-39	14.1-15.3	Gobo9
	40-43	15.7-16.9	Gobo10
	44-47	17.3-18.4	Gobo11
	48-51	18.8-20.0	Gobo12
	52-55	20.4-21.6	Gobo13
	56-59	22.0-23.1	Gobo14
	60-73	23.5-28.6	Gobo1 Shake Slow-Fast Speed
	74-87	29.0-34.1	Gobo2 Shake Slow-Fast Speed
	88-101	34.4-39.6	Gobo3 Shake Slow-Fast Speed
	102-115	40.0-45.1	Gobo4 Shake Slow-Fast Speed
	116-129	45.5-50.6	Gobo5 Shake Slow-Fast Speed
	130-143	51.0-56.1	Gobo6 Shake Slow-Fast Speed
	144-157	56.5-61.6	Gobo7 Shake Slow-Fast Speed
	158-171	62.0-67.1	Gobo8 Shake Slow-Fast Speed
	172-185	67.5-72.6	Gobo9 Shake Slow-Fast Speed
	186-199	72.9-78.0	Gobo10 Shake Slow-Fast Speed
	200-213	78.4-83.5	Gobo11 Shake Slow-Fast Speed
	214-227	83.9-89.0	Gobo12 Shake Slow-Fast Speed
	228-241	89.4-94.5	Gobo13 Shake Slow-Fast Speed
	242-255	94.9-100	Gobo14 Shake Slow-Fast Speed
5	Prism		
	0-63	0-24.7	Unused Range
	64-127	25-49.8	Prism1
	128-191	50.2-74.9	Prism2
	192-255	75.3-100	Prism1+Prism2
6	Prism Rotation		
	0	0	Unused Range
	1-63	0.4-24.7	0-180° rotation
	64-127	25.1-49.8	CCW, Fast → Slow
	128-191	50.2-74.9	CW, Slow → Fast

Channe	DMX	Percentage	Function
6	192-207	75.3-81.2	Slow → Fast Rotation, 90 degrees back and forth
	208-223	81.6-87.5	Slow → Fast Rotation, 180 degrees back and forth
	224-239	87.8-93.7	Slow → Fast Rotation, 270 degrees back and forth
	240-255	94.1-100	Slow → Fast Rotation, 360 degrees back and forth
7	Prism Macro		
	0-15	0-5.9	Unused Range
	16-55	6.3-21.6	From fast to slow, 8 prism free switch
	56-95	22.0-37.3	From fast to slow, 16 prism free switch
	96-135	37.6-52.9	From fast to slow, 8 prism+16 prism at the same time free switch
	136-175	53.3-68.6	8 prism + 16 prism to free switch from fast to slow
	176-215	69.0-84.3	16 prism + 8 prism to free switch from fast to slow
	216-255	84.7-100	From fast to slow, 8 prism and the 16 prism interlock switch
8	0-255	0-100	Frost
9	0-255	0-100	Focus
10	0-255	0-100	Pan
11	0-255	0-100	Pan Fine
12	0-255	0-100	TILT
13	0-255	0-100	TILT Fine
14	Function		
	0-25	0-9.8	Unused Range
	26-30	10.2-11.8	Effect Reset
	31-35	12.2-13.7	PAN/TITL Reset
	36-40	14.1-15.7	Complete Reset
	41-180	16.1-70.6	Unused Range
	181-200	71.0-78.4	Lamp OFF
	201-220	78.8-86.3	Unused Range
	221-255	86.7-100	Lamp ON

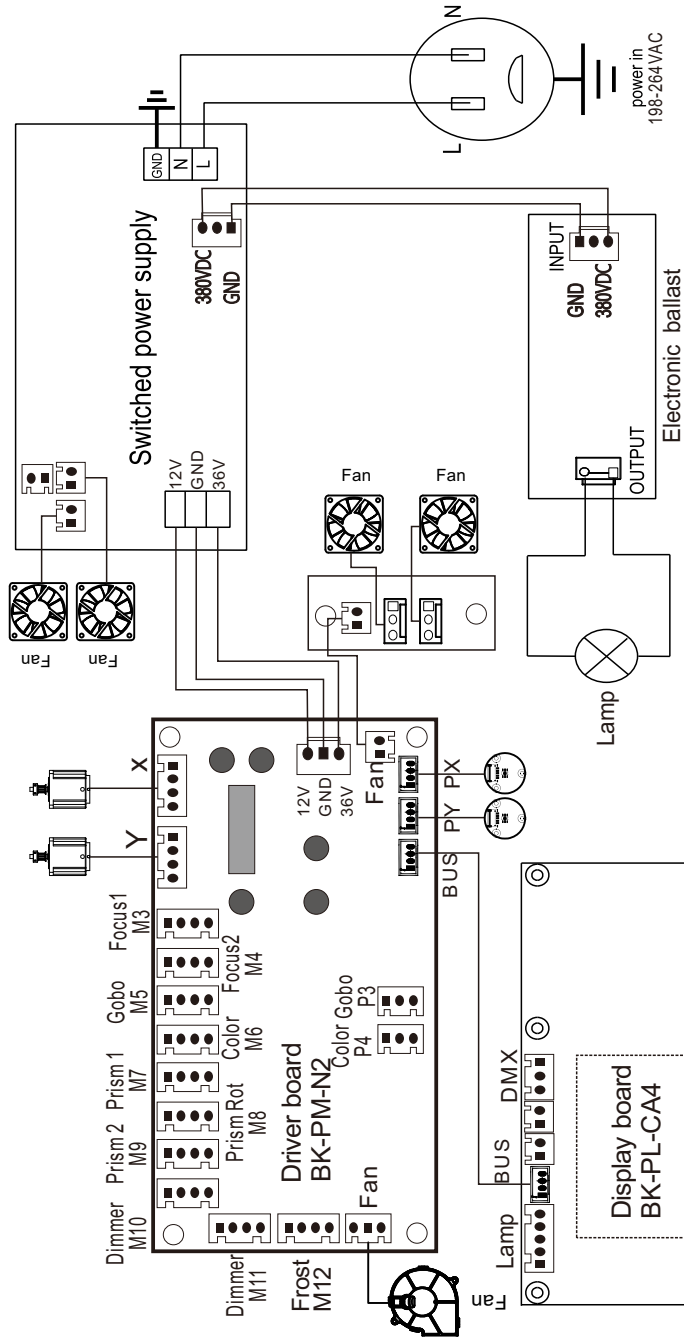
Channel table (16CH PLUS)

Channe	DMX	Percentage	Function
1	Colour		
	0-4	0-1.56	White
	5-8	1.96-3.14	White+Red
	9-12	3.53-4.71	Red
	13-17	5.10-6.67	Red+Orange
	18-21	7.06-8.24	Orange
	22-25	8.63-9.80	Orange+Aquamarine
	26-29	10.2-11.4	Aquamarine
	30-34	11.8-13.3	Aquamarine+Green
	35-38	13.7-14.9	Green
	39-42	15.3-16.5	Green+Light Green
	43-46	16.9-18.0	Light Green
	47-51	18.4-20.0	Light Green+Lavender
	52-55	20.4-21.6	Lavender
	56-59	22.0-23.1	Lavender+Pink
	60-63	23.5-24.7	Pink
	64-68	25.1-26.7	Pink+Yellow
	69-72	27.0-28.2	Yellow
	73-76	28.6-29.8	Yellow+Magenta
	77-81	30.2-31.8	Magenta
	82-85	32.2-33.3	Magenta+Cyan
	86-89	33.7-34.9	Cyan
	90-93	35.3-36.5	Cyan+CT02
	94-98	36.9-38.4	CT02
	99-102	38.8-40.0	CT02+CT01
	103-106	40.4-41.6	CT01
	107-110	42.0-43.1	CT01+CTB
	111-115	43.5-45.1	CTB
	116-119	45.5-46.7	CTB+Dark Blue
	120-123	47.1-48.2	Dark Blue
	124-127	48.6-49.8	Dark Blue+White
	128-191	50.2-74.9	CCW, Fast→Slow Rotation
	192-255	75.3-100	CW, Slow→Fast Rotation
2	Strobe		
	0-3	0-1.2	Closed
	4-103	1.6-40.4	Slow-Fast Strobe
	104-107	40.8-42.0	Open
	108-157	42.4-61.6	Pulsation slow-fast, fast off, slow open
	158-207	62.0-81.2	Pulsation slow-fast, fast open, slow off
	208-212	81.6-83.1	Open
	213-251	83.5-98.4	Random Slow-Fast Strobe
	252-255	99.8-100	Open

Channe	DMX	Percentage	Function
3	0-255	0-100	Dimmer
4	GOBO		
	0-3	0-1.2	White
	4-7	1.6-2.7	Gobo1
	8-11	3.1-4.3	Gobo2
	12-15	4.7-5.9	Gobo3
	16-19	6.3-7.5	Gobo4
	20-23	7.8-9.0	Gobo5
	24-27	9.4-10.6	Gobo6
	28-31	11.0-12.2	Gobo7
	32-35	12.5-13.7	Gobo8
	36-39	14.1-15.3	Gobo9
	40-43	15.7-16.9	Gobo10
	44-47	17.3-18.4	Gobo11
	48-51	18.8-20.0	Gobo12
	52-55	20.4-21.6	Gobo13
	56-59	22.0-23.1	Gobo14
	60-69	23.5-27.0	Gobo1 Shake Slow-Fast Speed
	70-79	27.4-31.0	Gobo2 Shake Slow-Fast Speed
	80-89	31.4-34.9	Gobo3 Shake Slow-Fast Speed
	90-99	35.3-38.9	Gobo4 Shake Slow-Fast Speed
	100-109	39.3-42.7	Gobo5 Shake Slow-Fast Speed
	110-119	43.1-46.6	Gobo6 Shake Slow-Fast Speed
	120-129	47.0-50.5	Gobo7 Shake Slow-Fast Speed
	130-139	50.9-54.5	Gobo8 Shake Slow-Fast Speed
	140-149	54.9-58.4	Gobo9 Shake Slow-Fast Speed
	150-159	58.8-62.3	Gobo10 Shake Slow-Fast Speed
	160-169	62.7-66.2	Gobo11 Shake Slow-Fast Speed
	170-179	66.7-70.2	Gobo12 Shake Slow-Fast Speed
	180-189	70.6-74.1	Gobo13 Shake Slow-Fast Speed
	190-199	74.5-78.0	Gobo14 Shake Slow-Fast Speed
	200-225	78.4-88.2	Fast-Slow Rotation
	226-229	88.6-89.8	Stop
	230-255	90.2-100	Slow-Fast Rotation
5	Prism		
	0-63	0-24.7	Unused Range
	64-127	25-49.8	Prism1
	128-191	50.2-74.9	Prism2
	192-255	75.3-100	Prism1+Prism2

Channe	DMX	Percentage	Function
6	Prism Rotation		
	0	0	Unused Range
	1-63	0.4-24.7	0-180° rotation
	64-127	25.1-49.8	CCW, Fast → Slow
	128-191	50.2-74.9	CW, Slow → Fast
	192-207	75.3-81.2	Slow → Fast Rotation, 90 degrees back and forth
	208-223	81.6-87.5	Slow → Fast Rotation, 180 degrees back and forth
	224-239	87.8-93.7	Slow → Fast Rotation, 270 degrees back and forth
	240-255	94.1-100	Slow → Fast Rotation, 360 degrees back and forth
7	Prism Macro		
	0-15	0-5.9	Unused Range
	16-55	6.3-21.6	From fast to slow, 8 prism free switch
	56-95	22.0-37.3	From fast to slow, 16 prism free switch
	96-135	37.6-52.9	From fast to slow, 8 prism+16 prism at the same time free switch
	136-175	53.3-68.6	8 prism + 16 prism to free switch from fast to slow
	176-215	69.0-84.3	16 prism + 8 prism to free switch from fast to slow
	216-255	84.7-100	From fast to slow, 8 prism and the 16 prism interlock switch
8	0-255	0-100	Frost
9	0-255	0-100	Focus
10	0-255	0-100	Pan
11	0-255	0-100	Pan Fine
12	0-255	0-100	TILT
13	0-255	0-100	TILT Fine
14	0-255	0-100	Unused Range
15	Reset		
	0-25	0-9.8	Unused Range
	26-76	10.2-29.8	Effect Reset
	77-127	30.2-49.8	PAN/TITL Reset
	128-255	50.2-100	Complete Reset
16	Lamp control		
	0-25	0-9.8	Unused Range
	26-100	10.2-39.2	Lamp OFF
	101-255	39.6-100	Lamp ON

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.

TROUBESHOOTING

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 DMX 512 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 is 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 mote clogging.
- ⊙ Please check whether the abstract heat have the mote 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 sup-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 Ω)
- ⊙ 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.