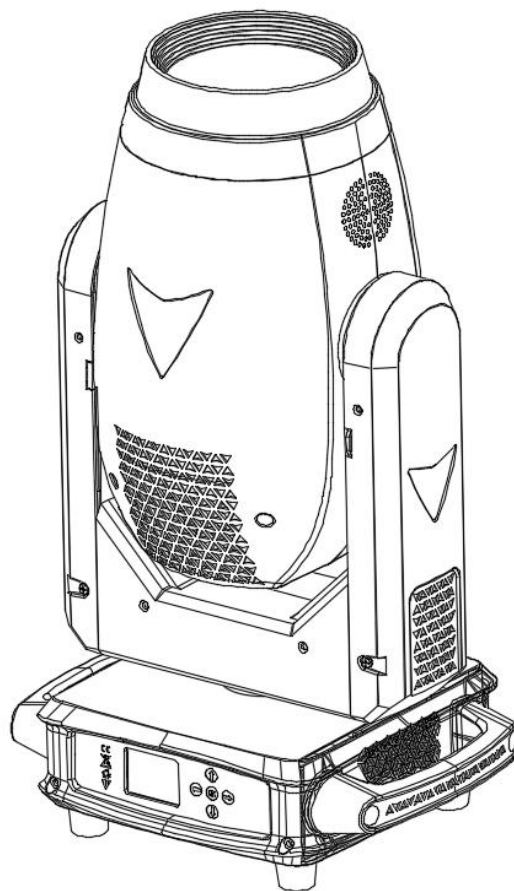


T912Journey



User Manual

1. Safety Instructions

Please read the instruction carefully which includes important information about the installation, usage and maintenance.

Please keep this User Guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction manual.

Important:

Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.

Unpack and check carefully to ensure that there is no transportation damage before using the unit.

This product is for indoor use only. Use only in a dry location.

DO install and operate by qualified operator.

DO NOT allow children to operate the fixture.

Use safety chain when fixing the unit. Handle the unit by carrying its base instead of head only.

The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces.

Be sure that no ventilation slots is blocked, otherwise the unit will be overheated.

Before operation, ensure that you are connecting this product to the proper voltage in accordance with the specifications in this manual or on the product's specification label.

It's important to ground the yellow/green conductor to earth in order to avoid electric shock.

Minimum ambient temperature TA: 0°C. Maximum ambient temperature TA: 40°C. Do not operate this product at a lower or higher temperature.

DO NOT connect the device to any dimmer pack.

During initial start-up some smoke or smell may arise. This is a normal process and does not necessarily mean that the device is defective, and it will decrease gradually within 15 minutes.

Keep flammable materials away from the fixture while operating to avoid fire hazard. Make sure the power cord is not crimped or damaged; replace it immediately if damaged.

Unit's surface temperature may reach up to 85°C. DO NOT touch the housing bare-handed during its operation

Avoid any flammable liquids, water or metal from entering the unit. Once it happens, cut off the mains power immediately.

DO NOT operate in a dirty or dusty environment. DO clean the fixture regularly. DO NOT touch any wire during operation as there might be a hazard of electric shock.

Avoid entanglement of the power cord with other wires.

The minimum distance to objects/surface must be more than 12 meters.

Disconnect mains power before fuse/lamp replacement or servicing.

Replace fuse/lamp only with the same type.

In the event of serious operating problem, stop using the unit immediately.

Never turn on and off the unit time after time.

The housing, the lenses, or the ultraviolet filter must be replaced if they are visibly damaged.

DO NOT open the housing as there are no user serviceable parts inside.

DO NOT attempt to operate this unit if it becomes damaged. DO NOT attempt any repairs

yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center if needed.

Disconnect this product from its power source before servicing.

DO use the original packaging if the device is to be transported.

Hot lamp explosion hazard. DO NOT open the unit within 15 minutes after switching off.

DO replace the bulb once it is damaged, deformed or life-expired.

Avoid direct eye exposure to the light source while the product is on.

Never touch bulb with bare fingers, as it is very hot after using.

DO NOT operate this product if you see damage on the housing, shields, or cables. Have the damaged parts replaced by an authorized technician at once

Installation:

The fixture should be fixed on the clamp. Always ensure that the unit is firmly fixed to avoid vibration and slipping off during operation. Ensure that the trussing or area of installation must be able to hold 10 times the weight without any deformation. Always install a safety cable that can hold at least 12 times the weight of the fixture when installing. DO install and operate by qualified operator. It must be installed in a place where there is out of the reach of people.

2.INSTALLATIONS

installations Note: In order to increase protection, please install the lamp on the sidewalk, outside the seating area, or an area where unauthorized persons may touch the lamp

Before installing the fixture on any surface, make sure that the installation area can bear the minimum point load above 10 points of the weight of the equipment. The installation of the fixing device must always be fixed with auxiliary safety accessories (such as a suitable safety rope)

Do not stand directly under the equipment when installing, removing, or servicing fixtures

From the ceiling or set on a flat surface (see the picture below). Ensure that this fixture is kept at least 0.5m (1.5 feet) away from any flammable materials (decorations, etc.)

Be sure to use and install the supplied safety rope to ensure safety and prevent accidental damage and/or injury in case the fixture is damaged
Installation point: Overhead installation requires a wealth of experience, including calculation of working load limits, in-depth understanding of the installation materials used, and regular safety inspections of all installation materials and fixtures. If you do not have these qualifications, please do not try to install it yourself. Improper installation can cause personal injury

Before connecting the main power cord to an appropriate wall outlet, make sure to complete all assembly and installation procedures

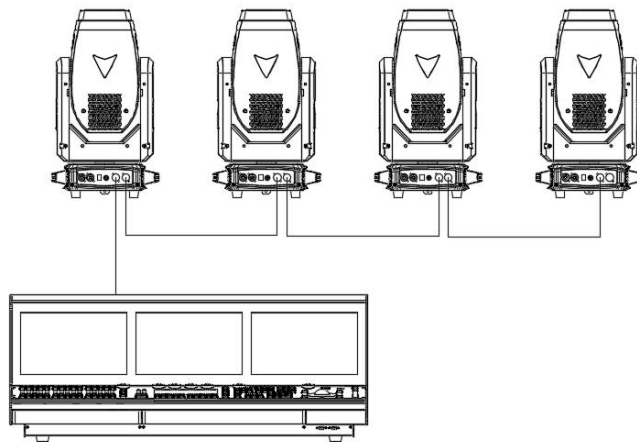
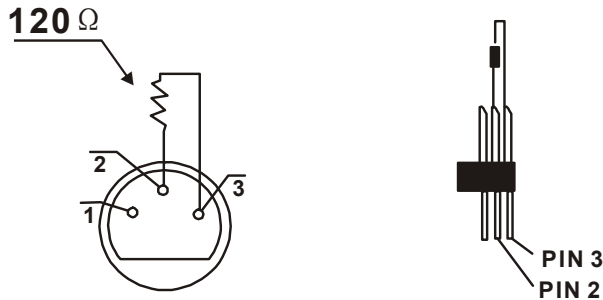
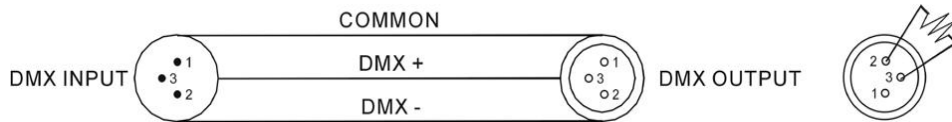
Lamp installation: LED shaking head provides a unique mounting bracket assembly, which integrates the bottom of the base and the fixing point of the safety cable into one unit . When installing the fixture to the truss, make sure to use the appropriate tools to fix it on the attached bracket, and use the M10 screw that passes through the center hole of the "bracket" to fix it. As an additional safety measure, make sure to use at least one safety cable integrated in the base assembly to connect at least one appropriately rated safety cable to the fixture.

3. DMX-512 control connections

Connect the provided XLR cable to the female 3-pin XLR output of your controller and the other side to the male 3-pin XLR input of the moving head. You can chain multiple

Moving heads be connected together through serial linking. The cable needed should be two core, screened cable with XLR input and output connectors.

For installations where the DMX cable has to run a long distance or is in an electrically noisy environment, such as in a discotheque, it is recommended to use a DMX terminator. This helps in preventing corruption of the digital control signal by electrical noise. The DMX terminator is simply an XLR plug with a 120 Ω resistor connected between pins 2 and 3, which is then plugged into the output XLR socket of the last fixture in the chain. Please see illustrations below



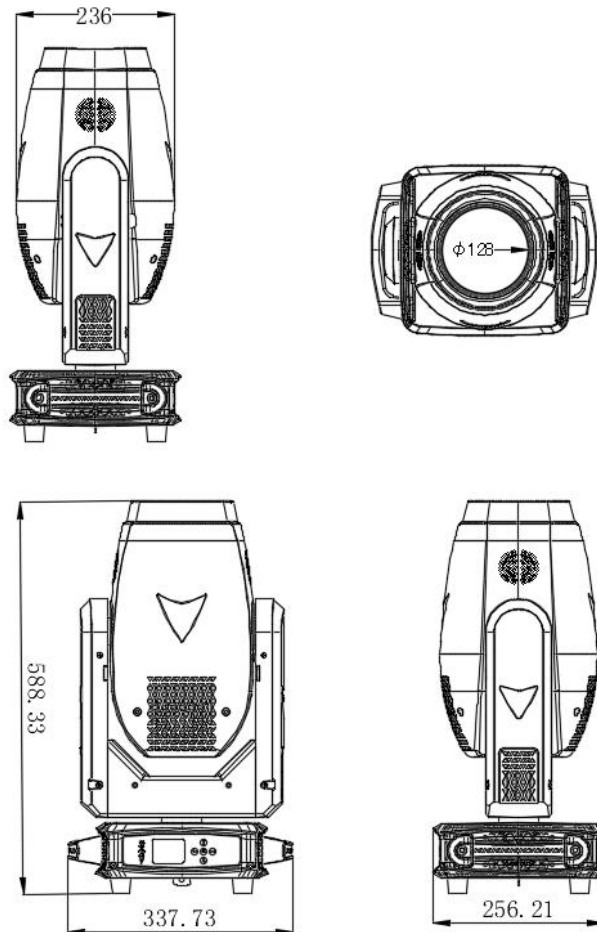
4.Address code setting

If you use a universal DMX controller to control the units, you have to set DMX address from 1 to 512 so that the units can receive DMX signal.

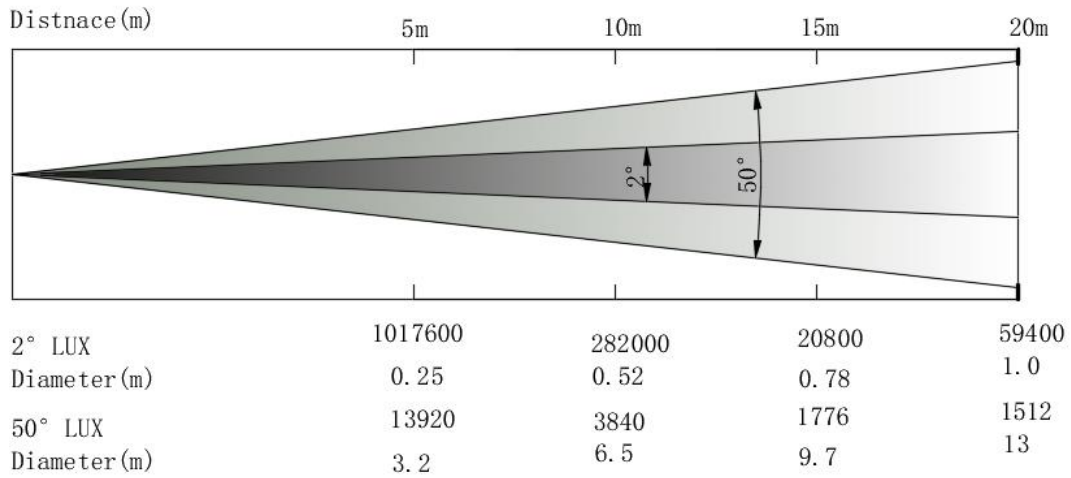
Press the MENU button to enter menu mode, select DMX Settings, press the ENTER button to confirm, use the UP/DOWN button to select DMX Address, press the ENTER button to confirm, the present address will blink in the display, use the UP/DOWN button to adjust the address from 001 to 512, press the ENTER button to store. Press the MENU button back to the last menu or let the unit idle 30 seconds to exit menu mode. Please refer to the following diagram to address your DMX512 channel for the first 4 units.

Channel MODE	UNIT1 ADDRESS	UNIT2 ADDRESS	UNIT3 ADDRESS	UNIT4 ADDRESS
31CH	1	32	63	94

5.Fixture size

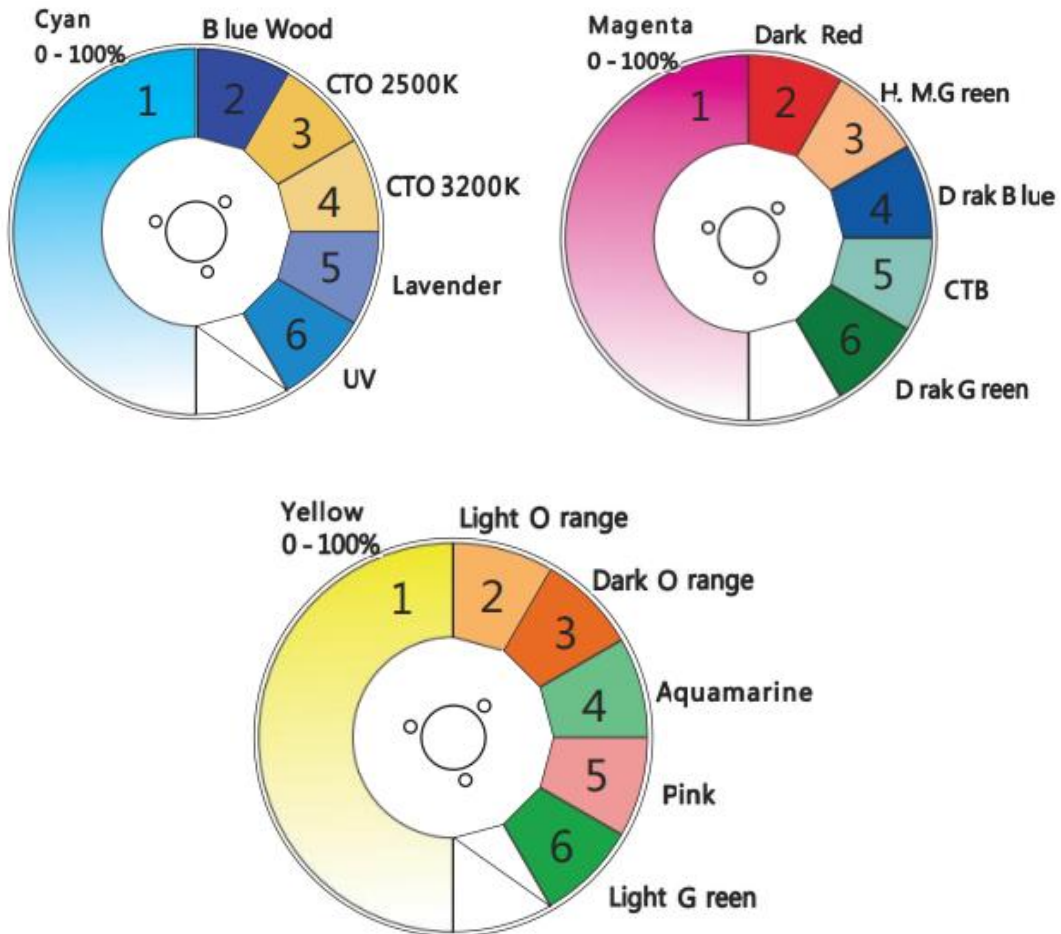


6. Illuminance chart:

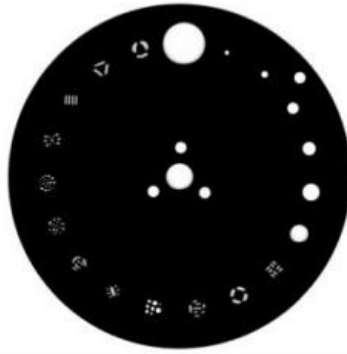


7. Effect Wheels

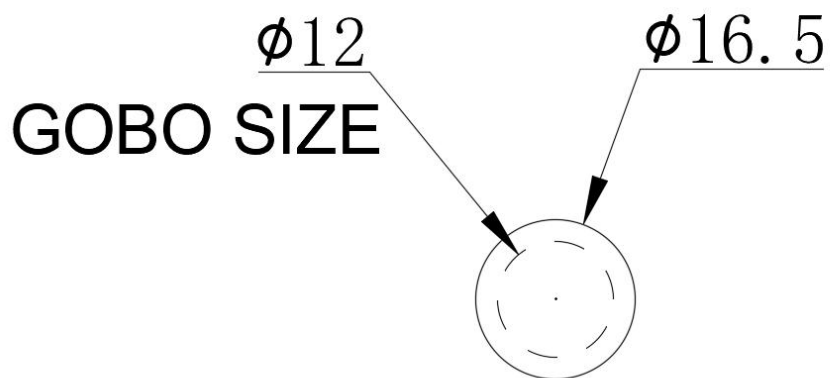
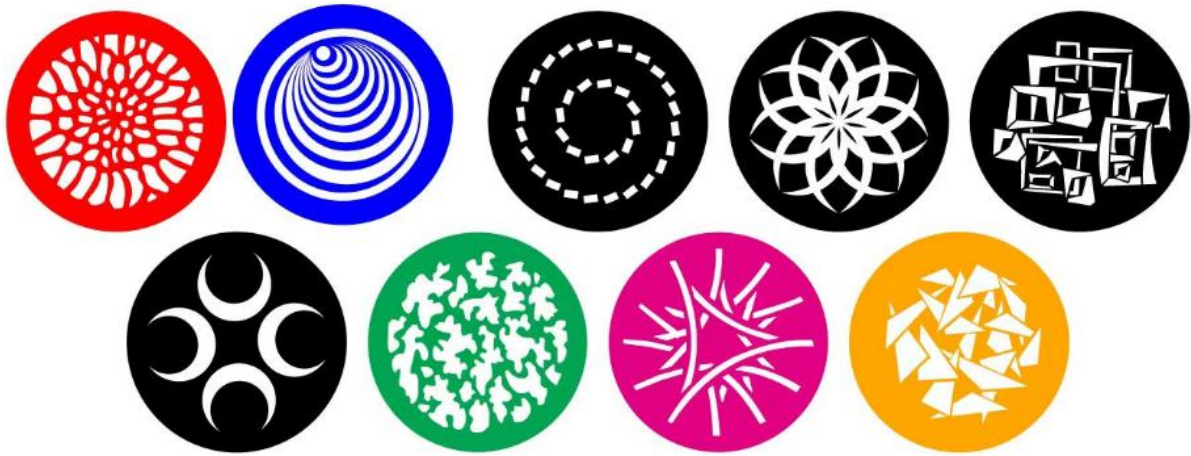
Color



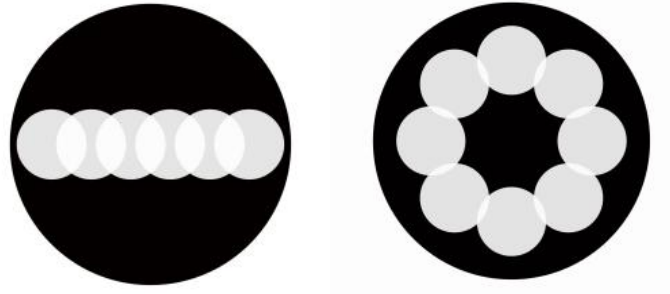
Fixed Gobo



Rotation Gobo



Prism



Frost



8.Light Source

MSD Silver 380W/2 LL

Because of its high internal pressure, there might be a risk that the Discharge lamp would explode during operation. The lamp emits intense UV radiation which is harmful to the eyes and skin. The high luminance of the arc can cause severe damage to the retina if you take a close look at the lamp.

To protect the lamp, always turn off the lamp first (via control panel or DMX controller) and let the unit run at least five minutes to cool down before switching off the mains supply. Never handle the lamp or luminary when it is hot.

Do not touch the bulb with bare hands. If this happens, clean the lamp with denatured alcohol and wipe it with a lint free cloth before installation.

The lamp generates UV radiation. Never operate the lamp without appropriate shielding.

When lighting up, the lamp operates at high pressure and there is a slight risk of arc tube rupture. The risk increases with age, temperature and improper handling of the lamp. Do not use the lamp longer than its lifespan.

Make sure the lamp is located in the center of the reflector for the best projection.

9.Lamp technical parameters

Input Voltage: 100-240V, 50/60Hz

Output Voltage: V1:36V2A(Master board), V2:12V4A(cooling fan) ,
V3:380V1A(lamp)

Power consumption: 520 W

Power supply: 600W

Light source: PHILIPS MSD Silver 380/2 LL (4000 hours)

Color temperature: 7800K

CRI: 80

Diameter of optic lens: 128mm

Beam angle: 2° -50°

Color wheel: 15 colors on 3 wheels 2 CTO Filters

CMY colour mixing

Static gobo: 18 gobos plus 1 white circle

Rotation Gobo: 9 Gobo plus 1 white circle

Frost : with smooth wash effect

Prism: Equipped with 8 prism, and 4 rows prism, the two prisms
can be stacked and rotated in both directions

DMX Channel: 31CH

Operate mode: DMX512, self-propelled, master/slave, RDM

Linear focusing system

Double strobe motor Outstanding strobe effect with variable speed

0-100% smooth dimming

Control panel: LCD Touchscreen

Overheating self-energy protection bulbs, extending lamp life

X-axis rotation angle: 540°

Y-axis rotation angle: 270°

Three phase motor with SY Brand

XY axis magnetic coding positioning is more accurate

Power Outlet: Power Connector Input/Output

Signal Outlet: standard 3 Pin XLR socket(can customized 5 pin XLR socket)

Installation: 2x fast lock (folding clamp can optional)

Fixture size: 338x256x588mm

Net weight: 17KG

Features:

fixture integrate light beams, gobo, and wash. Adopting the Philips Long Life Light Source - Philips MSD Silver 380W/2, with a lifespan of 4000 hours and a color temperature of up to 7800K CRI80, the beam mode has a sharp sense of sharpness and strong visual impact. The gobo mode light spot is clear and

uniform, and the wash mode is soft. Coupled with linear CMY colors, it achieves infinite color change. The rich colors and patterns provide excellent color macro and dynamic effects, equipped with Two prisms (6 and 8) effect, Create more rich and colorful stage visual effects, not only with a compact appearance, but also with a fashionable and lightweight design, suitable for various occasions. The shell is made of high-temperature resistant and flame-retardant nylon material

10.LCD Homepage Instructions

2		
1		3
		4
		5
6	11	7
8	9	10

1. Displays the current DMX address in large font
2. Logo display area
- 3 .DMX signal frame rate (FPS)
- 4.Current channel mode, the displayed number indicates the current channel number
- 5.Fan speed display (select whether to display according to the lighting conditions)
- 6.Current Mode (Master, Slave)
- 7.Current running mode (DMX512, Auto, User)
- 8.Error message. If a red band "x" is displayed, the self-test found an error. (Press down to view specific error message)
9. temperature display or other content (depending on lamp configuration)
- 10.SN term display
- 11.Display the address code of the next fixture

11.Menu settings

Main Menu	First level menu	Secondary menu	Third level menu	Fourth level menu
SET UP	DMX Address	000-255		
	Run	DMX		
		Auto		
		user		
	M/S	Slave		
Master				
OPTION	LAMP DMX	ON		
		YES		
	LAME Auto	OFF		
		ON		
	Safety Black Out	OFF		
		ON		
	Pan/Tilt	Invrt pan	OFF	
			ON	
		Invrt Tilt	OFF	
			ON	
		Encoder pan-Tilt	NO	
			YES	
	Display	Sleep	30sec	
			NO	
			2min	
			10min	
		Filp	NO	
			YES	
		Screen saver	light	
			Black	
User program	Manual	step1	time:000	
			chn01:000	
			chn31:000	
		step...	
		step12	
	Record	select step: 01-12		
		time	:000	
		Record	sure to	

				do?
		clear ALL	xxxx	
INFORMATION	SYSTEM ERRORS			
	LAMP	LAPM Hours	:000	
		reser lamp hours	input psw	xxxx
	DMX monitor	chn01		
		chn31		
	product code	xxxxx		
factory test	xxxxx			
MANUAL CONTROL	LAMP	OFF		
		ON		
	RESET	Motor power	ON	
			OFF	
		reset All		
		pan tilt		
		dim		
		color		
		gobo		
	beam path			
	Channel	C:000		
		M:000		
		Y:000		
			
Tilt:000				
ADVANCED	ADJ	Input psw	xxxx	
	Language	English		
		中文		
	Factory setting	Input psw	xxxx	
ADJ Recover	Input psw	xxxx		

12. DMX512

31CH		
CH	DMX Value	ILLUSTRATE
1		CYAN
	0-255	Color saturation from small to large
2		MAGENTA
	0-255	Color saturation from small to large
3		YELLOW
	0-255	Color saturation from small to large
4		Color Wheel 1
	0-23	empty
	24-69	Color1
	70-115	Color2
	116-162	Color3
	163-208	Color4
	209-255	Color5
5		Color Wheel 2
	0-23	empty
	24-69	Color1
	70-115	Color2
	116-162	Color3
	163-208	Color4
	209-255	Color5
6		Color Wheel 3
	0-23	empty
	24-69	Color1
	70-115	Color2
	116-162	Color3
	163-208	Color4
	209-255	Color5
7		Strobe
	0-3	Lamp off
	4-103	Strobe from slow to fast
	104-107	Lamp on
	108-207	Quick extinction and slow opening, from fast to slow
	208-212	Lamp on
	213-251	Random strobe, from slow to fast

	252-255	Lamp on
8		dimmer
	0-255	Dimming from 0% to 100%
9		Dimmer fine
	0-255	fine
10		GOBO
	0-3	empty
	4-7	GOBO 1
	8-11	GOBO 2
	12-14	GOBO 3
	15-18	GOBO 4
	19-22	GOBO 5
	23-26	GOBO 6
	27-29	GOBO 7
	30-33	GOBO 8
	34-37	GOBO 9
	38-41	GOBO 10
	42-44	GOBO 11
	45-48	GOBO 12
	49-52	GOBO 13
	53-56	GOBO 14
	57-59	GOBO 15
	60-63	GOBO 16
	64-67	GOBO 17
	68-71	GOBO 18
	72-113	CCW rotation , from fast to slow
	114-117	Stop rotation
	118-159	CW rotation , from fast to slow
	160-165	Gobo 1 shakes, speed from slow to fast
	166-170	Gobo 2 shakes, speed from slow to fast
	171-175	Gobo 3 shakes, speed from slow to fast
	176-181	Gobo 4 shakes, speed from slow to fast
	182-186	Gobo 5 shakes, speed from slow to fast
	187-191	Gobo 6 shakes, speed from slow to fast
	192-196	Gobo 7 shakes, speed from slow to fast
	197-202	Gobo 8 shakes, speed from slow to fast
	203-207	Gobo 9 shakes, speed from slow to fast
208-212	Gobo 10 shakes, speed from slow to fast	
213-218	Gobo 11 shakes, speed from slow to fast	
219-223	Gobo 12 shakes, speed from slow to fast	
224-228	Gobo 13 shakes, speed from slow to fast	
229-233	Gobo 14 shakes, speed from slow to fast	
234-239	Gobo 15 shakes, speed from slow to fast	

	240-244	Gobo 16 shakes, speed from slow to fast
	245-249	Gobo 17 shakes, speed from slow to fast
	250-255	Gobo 18 shakes, speed from slow to fast
11		No Effect
12		No Effect
		Rotating GOBO
	0-4	empty
	5-12	GOBO 1
	13-20	GOBO 2
	21-28	GOBO 3
	29-36	GOBO 4
	37-44	GOBO 5
	45-52	GOBO 6
	53-60	GOBO 7
	61-68	GOBO 8
	69-76	GOBO 9
13	77-106	CCW rotation , from fast to slow
	107-108	Stop rotation
	109-138	CW rotation , from fast to slow
	139-151	Gobo 1 shakes, speed from slow to fast
	152-164	Gobo 2 shakes, speed from slow to fast
	165-177	Gobo 3 shakes, speed from slow to fast
	178-190	Gobo 4 shakes, speed from slow to fast
	191-203	Gobo 5 shakes, speed from slow to fast
	204-216	Gobo 6 shakes, speed from slow to fast
	217-229	Gobo 7 shakes, speed from slow to fast
	230-242	Gobo 8 shakes, speed from slow to fast
	243-255	Gobo 9 shakes, speed from slow to fast
		GOBO Rotation
14	0-127	Rotate pattern indexing
	128-190	CCW rotation , from fast to slow
	191-192	Stop rotation
	193-255	CW rotation , from fast to slow
15		GOBO Rotation Fine
	0-255	GOBO Rotation Fine
16		4 FACET PRISM
	0-127	Prism out
	128-255	Prism IN
17		Prism 1 positioning and rotation
	0-127	Prism 1 positioning and rotation
	128-190	Prism 1CCW rotation , from fast to slow
	191-192	Stop rotation
	193-255	Prism 1CW rotation , from fast to slow

18		8 FACET PRISM
	0-127	Prism out
	128-255	Prism IN
19		Prism 2 positioning and rotation
	0-127	Prism 2 positioning and rotation
	128-190	Prism 2CCW rotation , from fast to slow
	191-192	Stop rotation
	193-255	Prism 2CW rotation , from fast to slow
20		Frost
	0-64	empty
	65-255	Frost
21		ZOOM
	0-255	Zoom: beam angle from small to large
22		focus
	0-255	Continuous adjustment from far to near
23		Focus Fine
	0-255	Focus Fine
24		Beam mode
	0-127	spot mode
	128-255	Beam mode
25		Pan
	0-255	Pan rotate
26		Pan fine
	0-255	Pan fine
27		Tilt
	0-255	Tilt rotate
28		Tilt fine
	0-255	Tilt fine
29		Function
	0-110	empty
	111-120	Standard CMY speed
	121-130	Fast CMY
	131-160	empty
	161-170	Off display
	171-180	On display
	181-190	Strobe fast on and slow off
	191-200	Strobe slow on and fast off
	201-255	empty
30		Reset
	0-25	empty
	26-76	Effect reset
	77-127	P/T reset
	128-255	reset all

31		LAMP
		To achieve the following effect, push the DMA value to the corresponding position and rest for at least 4 seconds
	0-25	empty
	26-100	LAMP OFF
	101-255	LAMP ON

13. Troubleshooting

The following are some of the problems that often occur when the device is running, along with some suggestions for troubleshooting:

A. The lamps do not work, there is no light, and the fan does not run

1. Check the power contacts and the fuses are in good condition.
2. Check the voltage.
3. Check the indicator light of the power switch.

B. Not under the control of the console

1. Check whether the DMX signal connector and signal cable are connected correctly.
2. Check whether the address code is set correctly.
3. If the DMX signal transmission is intermittent, check whether the XLR socket and the signal cable are well connected.
4. Try it with another controller.
5. Check whether the DMX signal line and the high-voltage line are too close, which will damage or interfere with the signal circuit.

C. A channel fails

1. The stepper motor or motor leads may be damaged.
2. The drive circuit of the motor may be damaged.

D. Light bulbs come and go

1. The bulb does not light properly. See if the voltage is too high or too low.
2. The internal temperature may be too high. If necessary, replace the cooling fan

14. Equipment cleaning

Keeping the luminaire clean is absolutely necessary to maintain the best performance of the luminaire and ensure the best light effect. Lamps must be cleaned regularly to avoid

Dust, dirt and fume residues accumulate on or inside the luminaire, and the frequency of cleaning depends on the application environment. If due to installation and construction

The environment causes dust to enter the lamp, please clean it immediately to avoid damage to the optical part of the lamp due to excessive dust.

* A soft, lint-free cloth and a good quality glass cleaning solution are recommended, no solvents should be used under any circumstances.

* Dry the parts carefully.

* Wipe the outside of the lens at least every 20 days. Wipe the inside at least every 30 days.