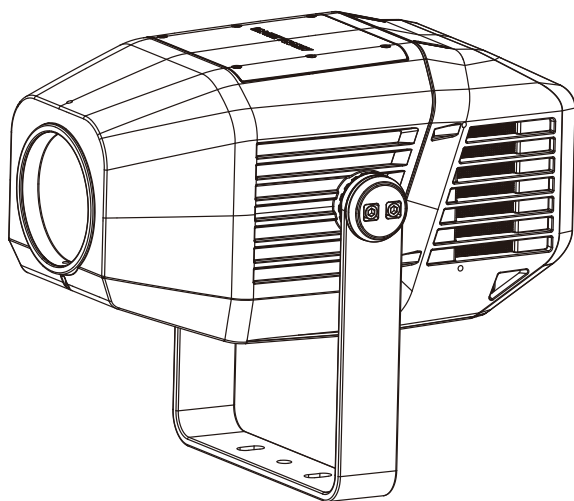




AURORA XGP 750P

USER MANUAL

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SAFETY



WARNING! Before carrying out any operations with the unit, carefully read this instruction manual and keep it with care for future reference. It contains important information about the installation, user and maintenance of the unit.



General instruction

- The products referred to in this manual conform to the European Community Directives and are therefore marked with CE.
- The unit is supplied with hazardous network voltage (230V~). Leave serving to skilled personnel only. Never make any modifications on the unit not described in this instruction manual, otherwise you will risk an electric shock.
- Connection must be made to power supply system fitted with efficient earthing (Class I appliance according to standard EN60598-1). It is moreover recommended to protect the supply lines of the units from indirect contact and/or shorting to earth by using appropriately sized residual current devices.
- The connection to the main network of electric distribution must be carried out by a qualified electrical installer. Check that the main frequency and voltage correspond to those for which the unit is designed as given on the electrical data label.
- This unit is not for home use, only professional applications.
- Never use the fixture under the following conditions:
 - in places subject to vibrations or bumps;
 - in places with a temperature of over 40 °C.
- Make certain that no inflammable liquids, water or metal objects enter the fixture.
- Do not dismantle or modify the fixture.
- All work must always be carried out by qualified technical personnel. Contact the nearest sales point for an inspection or contact the manufacturer directly.
- If the unit is to be put out of operation definitively, take it to a local recycling plant for a disposal which is not harmful to the environment.



Warnings and installation precautions

- If this device will be operated in any way different to the one described in this manual, it may suffer damage and the guarantee becomes void. Furthermore, any operation may lead to dangers like short circuit, burns, electric shock, etc.
- Before starting any maintenance work or cleaning the fixture, cut off power from the main supply.
- Always additionally secure the fixture with the safety rope. When carrying out any work, always comply scrupulously with all the regulations (particularly regarding safety) currently in force in the country in which the fixture is being used.
- Install the fixture in a well ventilated place.
- Keep any inflammable materials at a safe distance from the fixture.
- Shields, lenses or ultraviolet screens shall be changed if they have become damaged to such an extent that their effectiveness is impaired.
- The lamp (LED) shall be changed if it has become damaged or thermally deformed.
- Never look directly at the light beam. Please note that fast changes in lighting, e.g. flashing light, may trigger epileptic seizures in photosensitive persons or persons with epilepsy.
- Do not touch the product's housing when operating because it may be very hot.

INTRODUCTION

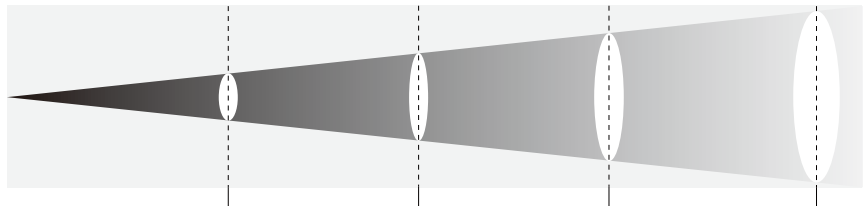
FEATURES

- 630W 6100K LED.
- Extremely even spot with flawless field consistency.
- 6°- 50° wide motorized zoom for precious control of projection area.
- CMY + CTO + color wheel(6+CRI filter+open) color mixing system that delivers deeply saturated colors.
- CRI > 90(CRI filter).
- 1 rotating gobo wheel(7+open) and 1 animation wheel.
- Razor sharp shutter framing and elegant gobo shaping.
- Indestructible weather-proof IP66 construction.
- RDM, DMX and Art-Net control

SPECIFICATIONS

Light Source:	638W LED
Beam Angle:	6°~50°
Output:	21000 lm
Color Mixing:	CMY+CTO+color wheel(7+open)
Shutter System:	4 independent blades with $\pm 35^\circ$ range, $\pm 60^\circ$ system rotation
Rotating Gobos:	1 rotating gobo wheel(7+open)
Animation:	1 animation wheel
Prism:	Bi-directional 4-facet with variable speed
Frost:	5° 0%~100% linear
Focus:	Motorized
Strobe:	0-30Hz
Dimming:	0~100% linear with 4 dimming curves
Mains:	100 - 240 VAC, 50/60 Hz
Consumption:	770W@230V 790W@120V
Power Connections:	IP IN/OUT
Protocol:	DMX, RDM, Artnet, W-DMX(optional)
DMX Channels:	28CH
Data Connections:	IP XLR IN/OUT
Onboard Menu:	Yes
Materials:	Die-cast magnesium alloy
Finish:	Grey
IP Rating:	IP66
Cooling:	Heat pipe cooling with noiseless fan
Ambient Temp.:	-10℃ ~ 45℃
Dimensions:	514.5*324*249mm
Weight:	24.5kg

PHOTOMETRICS



6°	Distance(M)	3	5	7	10
	Illuminance(lux)	205556	74000	37755	18500
	Diameter(CM)	31	52	73	104

50°	Distance(M)	3	5	7	10
	Illuminance(lux)	5694	2050	1046	513
	Diameter(CM)	276	460	643	919

COLOR



GOBO



CMY



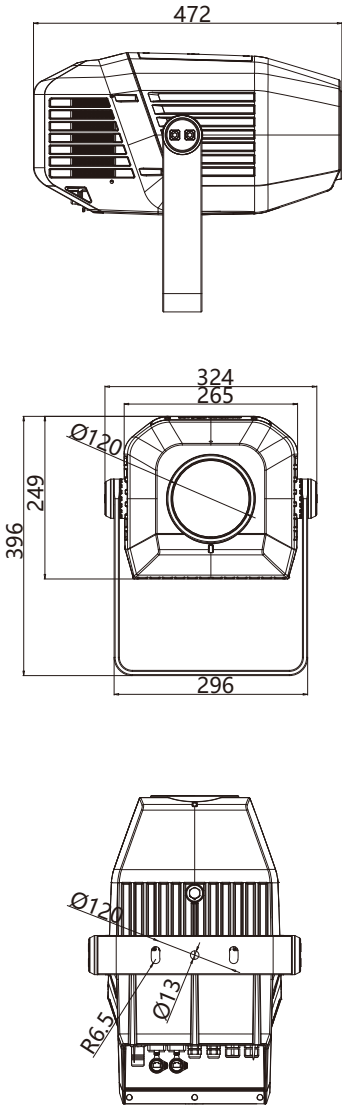
Animation



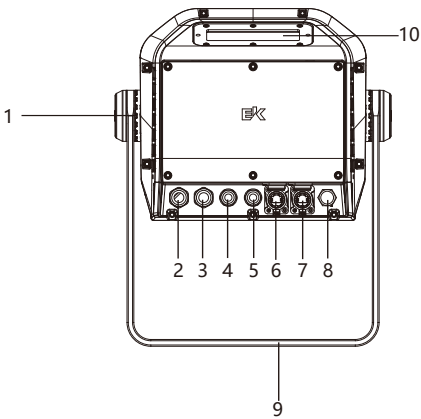
Framming Shutter



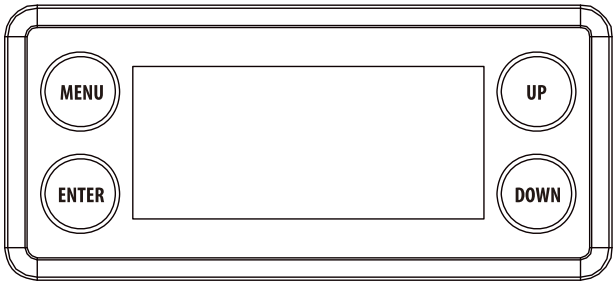
DIMENSION



OVERVIEW

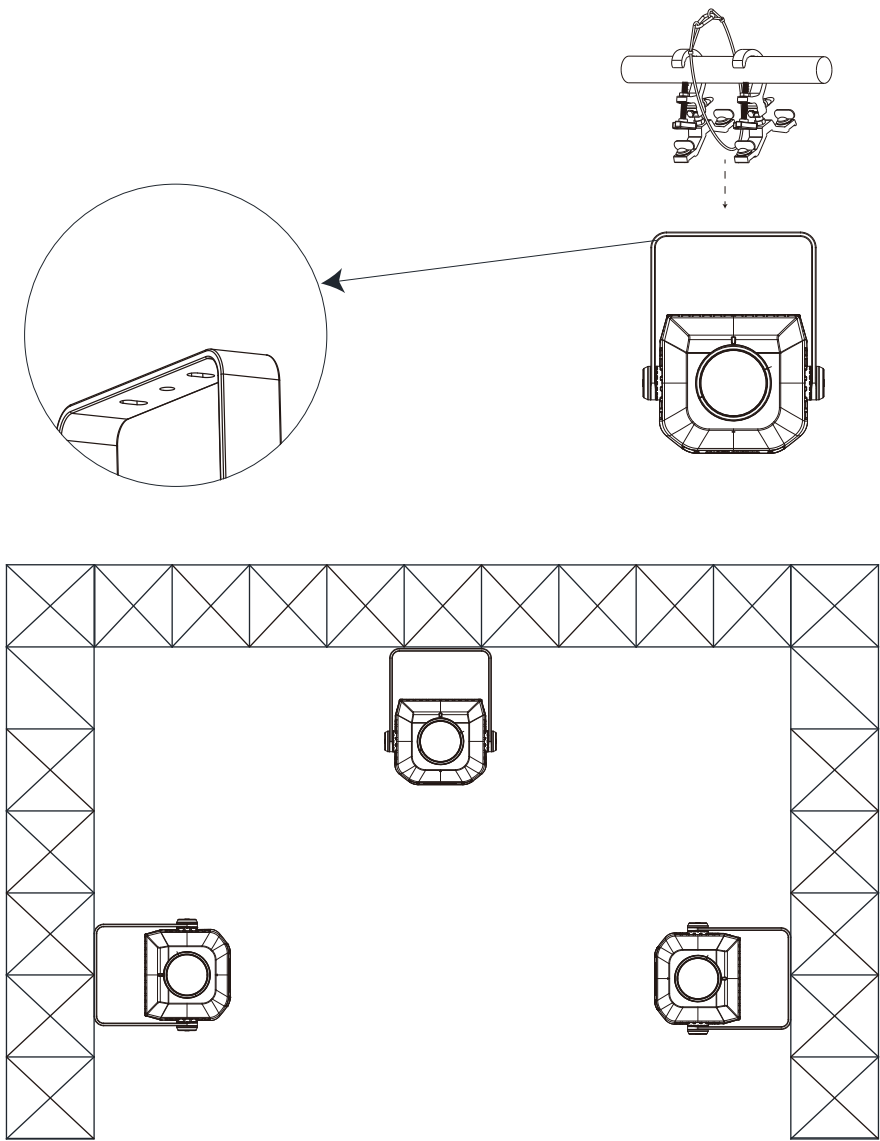


1、Hexagon Screw	5、3Pin DMX Out	9、Bracket
2、Power In	6、Art-Net In	10、Display
3、Power Out	7、Art-Net Out	
4、3Pin DMX IN	8、Antenna	



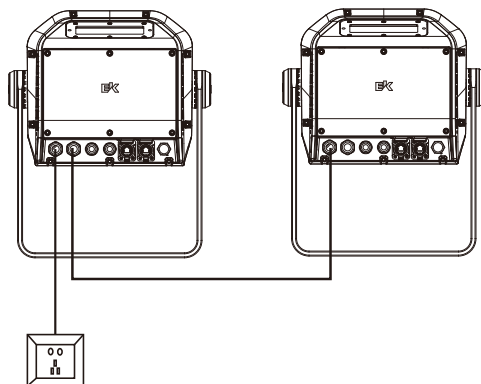
MODE	Menu acess	Enter the sucessive menu	Acess the menu
UP	Up	Pass to the previous item	Increase the value
DOWN	Down	Pass to the next item	Decrease the value
ENTER	Enter	Confirm the displayed value	Activevates the displayed functions

INSTALLATION

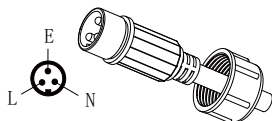


CONNECTIONS

POWER CONNECTION

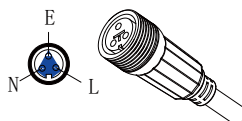


IP Power In



L-Brown N-Blue E-Yellowgreen

IP Power Out



L-Brown N-Blue E-Yellowgreen



WARNING

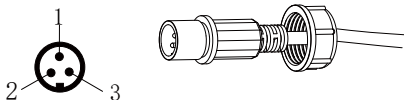
Do not connect more than 2 units in series with one power cable

Do not use damaged power cable

Turn off the power when the units are not in use

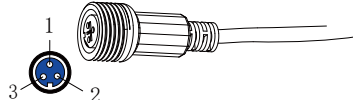
DATA CONNECTION

IP Data In



1-Shield 2-Blue 3-Brown

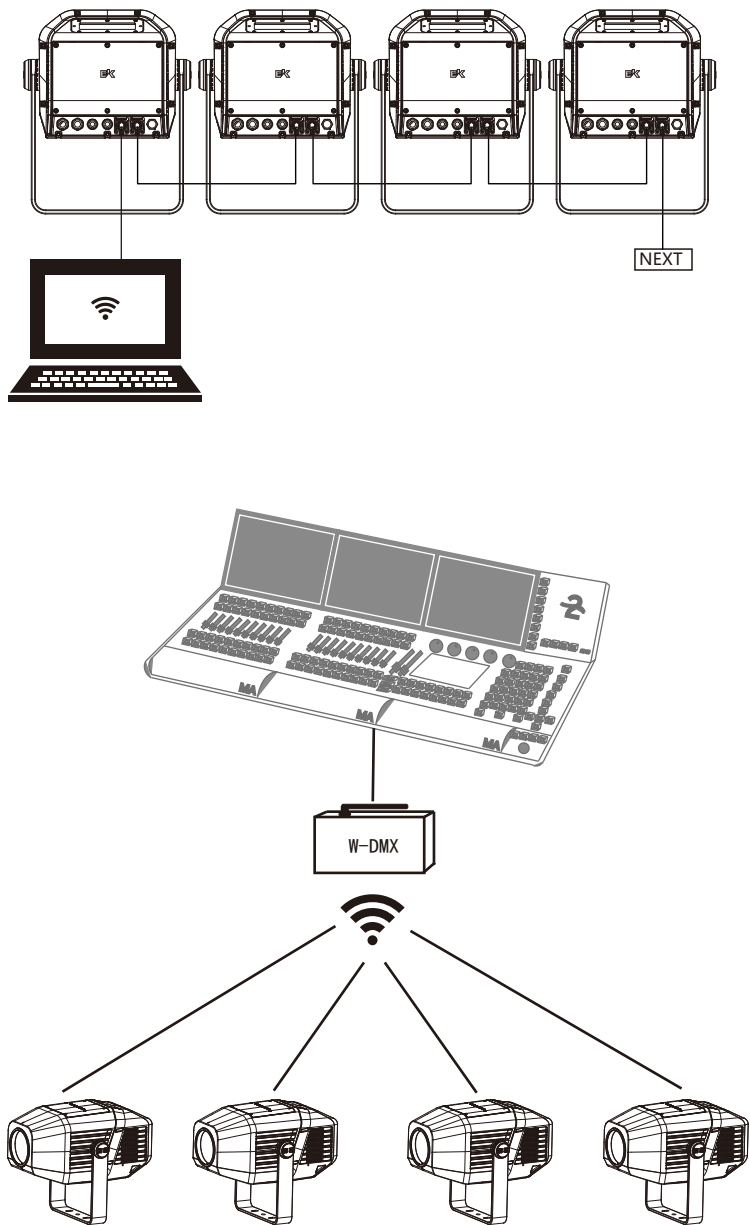
IP Data Out



1-Shield 2-Blue 3-Brown

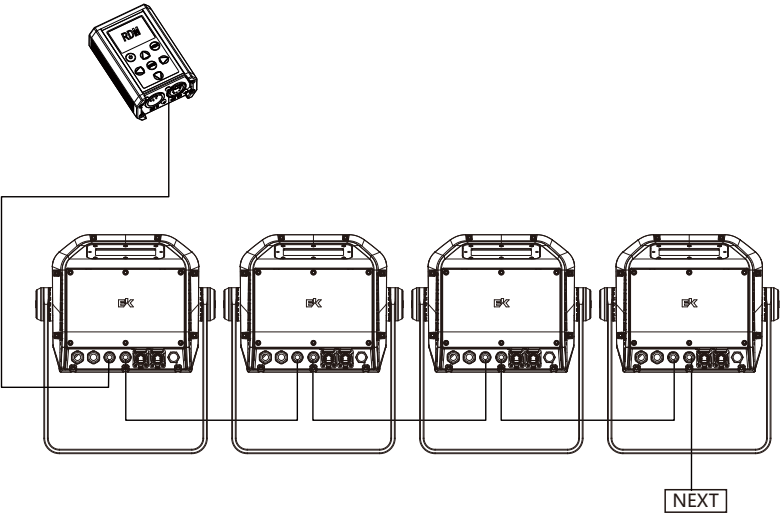
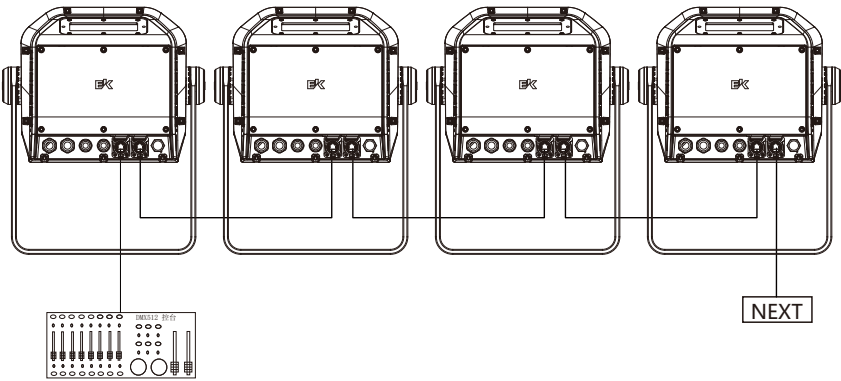
CONNECTIONS

DATA CONNECTION



CONNECTIONS

DATA CONNECTION



Relation between DMX and Address

MODE	ALLOCATION	START ADDRESS 1ST FIXTURE	START ADDRESS 2ND FIXTURE	START ADDRESS 3RD FIXTURE	START ADDRESS 4TH FIXTURE
28CH	001 -028	001	029	057	085

Follow above method for subsequent fixtures, calculating starting addressed as indicated.

MENU

Menu(-)					
	Main Menu	Menu level 2	Menu level 3	Menu level4	Remark
1	CONNECT	DMX Address	1-512		Default: 1
		Wireless	Receive On/Off	On	Default :Off
				Off	
			Receive Reset	No	Default :No
				Yes	
		Ethernet	Wireless to DMX	No	Default :No
				Yes	
			Custom IP Address	2.198.159.207	
			Custom IP Mask	255.0.0.0	
			Universe	000-255	Default: 0
			Start Channel	1-512	Default: 1
			Ethernet to DMX	No	Default: No
				Yes	
2	SETUP	Screen	Back Light	On	Default: On
				10S	
				20S	
				30S	
			Flip Display	No	Default: No
				Yes	
			Warn Cue	Off	Default:On
				On	
			Key Lock	No	Default: No
				Yes	
		Fixture	Fan Mode	Auto	Default: Auto
				High	
			Temperature unit	°C	Default: °C
				°F	
		Auto Test	Auto Test ...		
		Manual Test	Shutter	000-255	Default : Dimmer=255 Shutter = 255
			Dimmer	000-255	
			Dimmer Fine	000-255	
			Cyan	000-255	
			Magenta	000-255	
			Yellow	000-255	
			Cto	000-255	
			Color	000-255	
			Gobo1	000-255	
			RGobo1	000-255	
			RGoboFine1		
			Prism	000-255	
			RPrism	000-255	
			Frost	000-255	
			Focus	000-255	
			Zoom	000-255	
			Effect	000-255	
			REffect	000-255	
			Rshutter	000-255	
			Shutter1 Move	000-255	

MENU

3	ADVANCED		Shutter1 Swiv	000-255	
			Shutter2 Move	000-255	
			Shutter2 Swiv	000-255	
			Shutter3 Move	000-255	
			Shutter3 Swiv	000-255	
			Shutter4 Move	000-255	
			Shutter4 Swiv	000-255	
		Reset	All	No-Yes	
			Cyan	No-Yes	
			Magenta	No-Yes	
			Yellow	No-Yes	
			Cto	No-Yes	
			Color	No-Yes	
			Gobo1	No-Yes	
			Gobo2	No-Yes	
			Prism	No-Yes	
			Frost	No-Yes	
			Focus	No-Yes	
			Zoom	No-Yes	
			Effect	No-Yes	
		Adjust	Cyan Offset	000-255	
			Magenta Offset	000-255	
			Yellow Offset	000-255	
			Cto Offset	000-255	
			Color Offset	000-255	
			Gobo1 Offset	000-255	
			RGobo1 Offset	000-255	
			Prism Offset	000-255	
			RPrism Offset	000-255	
			Frost Offset	000-255	
			Focus Offset	000-255	
			Zoom Offset	000-255	
			Effect Offset	000-255	
			Rshutter Offset	000-255	
			Shutter1M1 Offset	000-255	
			Shutter1M2 Offset	000-255	
			Shutter2M1 Offset	000-255	
			Shutter2M2 Offset	000-255	
			Shutter3M1 Offset	000-255	
			Shutter3M2 Offset	000-255	
			Shutter4M1 Offset	000-255	
			Shutter4M2 Offset	000-255	
		Factory Reload	No		
			Yes		

MENU

4	INFORMATION	Fixture Time	0-9999			Default: 0		
		Temperature	25°C					
		Fans Speed	**%					
		Software Version	DISP-----V1.0 NET-----V1.0 CTR1-----V1.0 CTR2-----V1.0 CTR3-----V1.0 CTR4-----V1.0					
		UID	030F077*****					
5	STAND ALONE	Play	Off			Default:Off		
			Show	Show 1 ... Show 3		Default: Show 1		
			Chase	Chase 1 ... Chase 8		Default:Chase 1		
			Scene	Scene 1 ... Scene 32		Default:Scene 1		
		Edit Show	Show 1 Show 2 Show 3	Chase 1 (On-Off) - ... - Chase 8 (On-Off) Chase 1 (On-Off) - ... - Chase 8 (On-Off) Chase 1 (On-Off) - ... - Chase 8 (On-Off)		Default: Off		
		Edit Chase	Chase 1 Chase 2 Chase 3 Chase 4 Chase 5 Chase 6 Chase 7 Chase 8	Step 1-16 Step 1-16 Step 1-16 Step 1-16 Step 1-16 Step 1-16 Step 1-16 Step 1-16	Off - Scenes1-32 Off - Scenes1-32 Off - Scenes1-32 Off - Scenes1-32 Off - Scenes1-32 Off - Scenes1-32 Off - Scenes1-32 Off - Scenes1-32	Default: Off		
			Edit Scenes	Edit Scenes 01 Edit Scenes 02 Edit Scenes 03 Edit Scenes 30 Edit Scenes 31 Edit Scenes 32	Shutte/Dimmer/Color1/Color2/Gobo1... Shutte/Dimmer/Color1/Color2/Gobo1... Shutte/Dimmer/Color1/Color2/Gobo1... ... Shutte/Dimmer/Color1/Color2/Gobo1... Shutte/Dimmer/Color1/Color2/Gobo1... Shutte/Dimmer/Color1/Color2/Gobo1...		Default: Dimmer: 255 Shutter: 255 Zoom: 127 Focus: 127 All others at 0	
				Scenes Record	Scenes 01 Scenes 02 Scenes 03 Scenes 30 Scenes 31 Scenes 32	DMX - Scenes Record		
					Scenes Time	0-99.9S		Default: 1S
					Chase Time	0-99.9S		Default: 1S

DMX CHART

28CH	Function	Value	Percent /Setting	Remark
1	Shutter	000-031	Shutter closed	
		032-063	No function (shutter open)	
		064-095	Shutter effect slow to fast	
		096-127	No function (shutter open)	
		128-159	Pulse-effect in sequences	
		160-191	No function (shutter open)	
		192-223	Random Shutter effect slow to fast	
		224-255	No function (shutter open)	
2	Dimmer	000-255	0~100%	
3	Dimmer Fine	000-255	0~100%	
4	Cyan	000-255	0~100%	
5	Magenta	000-255	0~100%	
6	Yellow	000-255	0~100%	
7	CTO	000-255	0~100%	
8	Color	000-004	Open	
		000-009	Open + Color 1	
		010-014	Color 1	
		015-019	Color 1 + Color 2	
		020-024	Color 2	
		025-029	Color 2 + Color 3	
		030-034	Color 3	
		035-039	Color 3 + Color 4	
		040-044	Color 4	
		045-049	Color 4 + Color 5	
		050-054	Color 5	
		055-059	Color 5 + Color 6	
		060-064	Color 6	
		065-069	Color 6 + Color 7	
		070-074	Color 7	
		075-079	Color 7 + Open	
		080-127	Slow to Fast(CW)	
		128-255	Positioning from 0-360 degrees(Indexing)	
9	Rotating Gobo1 Change	000-008	White	
		009-017	Gobo1	
		018-026	Gobo2	
		027-035	Gobo3	
		036-044	Gobo4	
		045-053	Gobo5	
		054-062	Gobo6	
		063-071	Gobo7	
		072-113	Fast to Slow(Forward Spin)	

DMX CHART

9	Rotating Gobo1 Change	114-117	Stop (Stop Rotation)	
		118-159	Slow to Fast(Revers Spin)	
		160-173	Gobo1 Shaking Slow to Fast	
		174-187	Gobo2 Shaking Slow to Fast	
		188-200	Gobo3 Shaking Slow to Fast	
		201-214	Gobo4 Shaking Slow to Fast	
		215-227	Gobo5 Shaking Slow to Fast	
		228-241	Gobo6 Shaking Slow to Fast	
		242-255	Gobo7 Shaking Slow to Fast	
10	Gobo1 Rotation	000-127	0 - 540 Position	
		128-190	Fast to Slow(Forward Spin)	
		191-192	Stop (Stop Rotation)	
		193-255	Slow to Fast(Revers Spin)	
11	Gobo1 Fine	000-255		
12	Prism Insertion	000-127	Prism Excluded	
		128-255	Prism Inserted	
13	Prism Rotation	000-127	0 - 540 Position	
		128-190	Fast to Slow(Forward Spin)	
		191-192	Stop (Stop Rotation)	
		193-255	Slow to Fast(Revers Spin)	
14	Effect	000-255	Effect moves linearly into the light beam	
15	REffect	000-004	Stop (Stop Rotation)	
		005-127	Slow to Fast(Forward Spin)	
		128-131	Stop (Stop Rotation)	
		132-255	Slow to Fast(Revers Spin)	
16	Frost	000-255	Frost 0->100%	
17	Focus	000-255	Focus	
18	Zoom	000-255	Zoom	
19	Rshutter	000-255		
20	Shutter1 Move	000-255		
21	Shutter1 Swiv	000-255		
22	Shutter2 Move	000-255		
23	Shutter2 Swiv	000-255		
24	Shutter3 Move	000-255		

DMX CHART

25	Shutter3 Swiv	000-255		
26	Shutter4 Move	000-255		
27	Shutter4 Swiv	000-255		
28	Function	000-059	No Function	(Hold 3S)
		060-069	Fan Mode Silent	
		070-079	Fan Mode Auto	
		080-089	Fan Mode High	
		090-099	No Function	
		100-109	Color1 Reset	
		110-119	Cyan Reset	
		120-129	Magenta Reset	
		130-139	Yellow Reset	
		140-149	Cto Reset	
		150-159	Gobo1 Rgobo1 Reset	
		160-169	No Function	
		170-179	Prism Reset	
		180-189	Focus Reset	
		190-199	Zoom Reset	
		200-209	Frost Reset	
		210-219	Effect Reset	
		220-229	Shutter Reset	
		230-239	Shutter Rot Reset	
		240-249	Reset_All	
		250-255	No Function	



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