



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 lable.
- 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 ot 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 recyling plant for a dosposal 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's 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

- Creative double-sided design provides flexible solutions for different applications
- •900W 6000K LED engine
- •Up to 20000lm output
- •Exquisite color rendition, Ra≥96, R9≥92
- Linear CTO correction of 2600K~6700K
- •8x wide-raging zoom of 5.7° ~ 51° with guick and precise control
- •Extremely even spot with flawless field consistency
- •Dual 1° light frost for instant softening of gobo and framing
- •40K Hz high-frequency output for flicker-free video playback
- •Quiet operation suitable for any noise-sensitive applications
- •DMX and RDM control

SPECIFICATIONS

Light Source 900W LED engine Color Tempeature 6000±300K Lumen Output Up to 20000lm Lux Output 58000lux@5M CRI Ra≥96, R9≥92 DUV 0.0023 TM-30-15rg/rf 100/93 TICI 98 Over 20K hrs

 LED Life
 Over 20K h

 Beam Angle
 5.7~51°

 PAN
 540°

 TILT
 270°

Color System CMY + CTO(2600K~6200K, linear) + Color Wheel(6+open)

Gobo System 1 * rotating gobo wheel (7 interchangeable glass gobo + open)

1 * fixed gobo wheel (8 interchangeable glass gobo + open)

1 * animation wheel

Framing System 4 independent blades, each with +/-35° rotation,

complete system with +/-60° rotation

Iris Motorzied iris, 0~100% adjustable Zoom 5.7° ~ 51° motorized zoom Frost Dual 1° frost for edge softening

Strobe 0~30Hz LED Frequency 40K Hz

Dimmer 4 dimming curves with 0~100% adjustable
Prism Bi-directional 4-facet prism with variable speed

Mains 100~240V AC, 50~60Hz
Consumption 1240W @ 230VAC
Fuse T10A. 250V



SPECIFICATIONS

Power Connection Power CON True One In

Power Factor 0.95@230VAC
Protocol DMX512/RDM
DMX Channel 39CH/41CH
Display 2.83inch TFT disply

Data Connection Amphenol 3Pin(or 5Pin) XLR for DMX, linking up to 32pcs

Housing Flame-retardant nylon with matt black finish

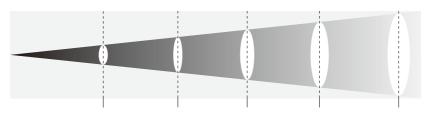
Cooling Low noise fan with heat pipe

Operating Ambient Tempt. 0~45°C

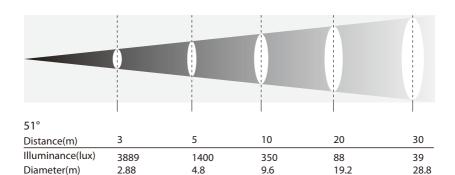
Dimension 439.2*315.8*744.9mm

Weight 38KG

PHOTOMETRICS



5.7°					
Distance(m)	5	10	20	30	50
Illuminance(lux)	58000	14500	3620	1610	580
Diameter(m)	0.5	1	2	3	5



COLOR & GOBO

COLOR SYSTEM

















ROTATING GOBO















FIXED GOBO

















FRAMING SHUTTER



ANIMATION

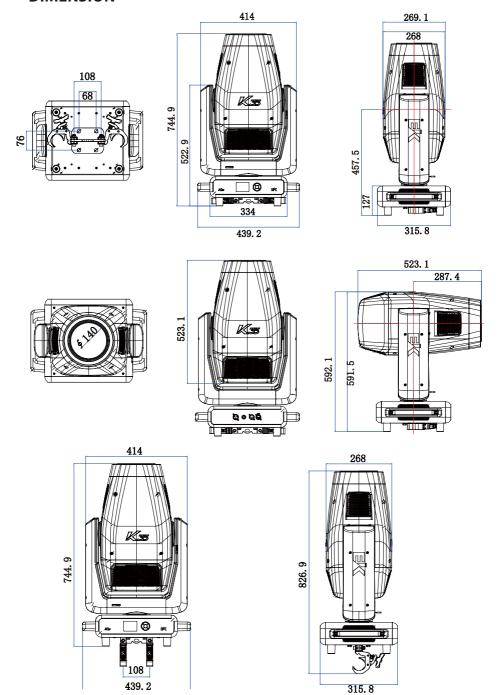


4-FACET PRISM





DIMENSION



OVERVIEW

Fixture Illustration





- 1. CONTROL PANEL
- 2. PowerCon True1 In
- 3. Fuse

- 4. 3Pin(or 5Pin) DMX In
- 5. 3Pin(or 5Pin) DMX Out
- 6. Fixing clamp

Control Panel





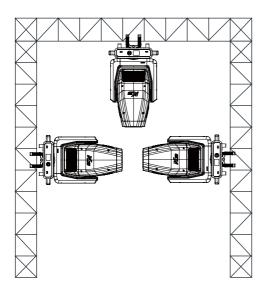
MODE	ILLUSTRATION	FUNCTION DESCRIPTION	EFFECT
MENU	Menu Option	Enter the menu	Menu operation
UP	Up	Scroll up	Increase the numeric value
DOWN	Down	Scroll down	Decrease the numeric value
ENTER	Confirm	Confirm	Save the function
ОК	Confirm	Confirm	Save the function

If the panel is password-protected, go to the Advanced menu, in the Menu locking submenu, enter the Unlock code using the navigation buttons: **1234**

If you want to flip the display, hold **UP + DOWN** buttons for 3 seconds to set display orientation.



INSTALLATION





We recommend the following general guidelines below:

- 1. Always mount this product in a safe position and make sure there is adequate room for ventilation, configuration and maintenance.
- 2. Keep any inflammable materials at a safe distance from the fixture, as indicated in the safety notes.
- 3. Make sure that the device is not exposed to extreme heat, moisture or dust.
- 4. Make sure that the structure to which you are hanging the modules can support the weight.

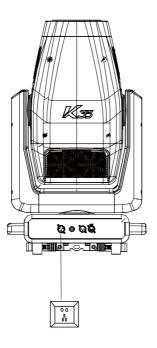
The KX0 may be set up on a solid and even surface. The unit can also be mounted upside down to a cross arm. For fixing, stable mounting clips are required. The mounting place must be sufficient stability and be able to support a weight of 10 times of the unit's weight.

When carrying out any installation, always comply scrrupulously with all the regulations (particularly regarding safety) currently in force in the country in which the fixture's being used.

- · Install the fixture at a suitable location by means of the mounting bracket
- · Always additionally secure the fixture with the safety rope from falling down. For this purpose, fasten the safety rope at a suitable position so that the maximum fall of the fixture will be 20 cm.
- Adjust the fixture and use the knob to slightly release or tighten the locking mechanism of the bracket if is neccessary

CONNECTION

POWER CONNECTION



Using PowerCon In power cable connected in series Attention: due to power rating, one 1.5mm² power cable can connect 1 unit maximum



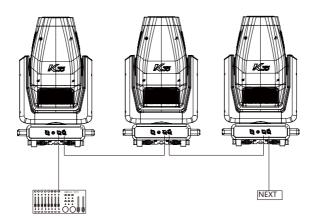


Do not connect more than one unit in series with one power cable Do not use damage power cable

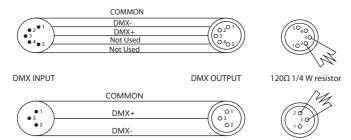
Power off the fixture when not in use

CONNECTION

DATA CONNECTION



- Depending on the length of the DMX cable run, or other factors, it may be advisable to install a terminator at the last fixture in the run.
- \cdot The illustration below shows the correct placement of a 120 Ω 0.25W resistor in a terminator, as well as the standard DMX signal pin-outs



EXAMPLE OF DMX ADDRESSING

The below table shows an example of starting addresses for four fixtures assuming a first fixture with starting address of 001.

The actual starting addresses will be determined by the operator as needed to match external controller settings.

Relation between DMX and Address

MODE	ALLOCATION	START ADDRESS 1ST FIXTURE	START ADDRESS 2ND FIXTURE	START ADDRESS 3RD FIXTURE	START ADDRESS 4TH FIXTURE
39CH	001 - 039	001	040	079	118
41CH	001 - 041	001	042	083	124

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

NO.	Main Menu	Menu Level 1	Menu Level 2	Menu Level 3	Default	
		DMX Address	CH39 1-474CH41 1-472		Default: 1	
1	CONNECT		STANDARD-39CH			
		DMX Mode	EXTENDED-41CH		Default: 39CH	
				No	561115	
			Pan Reverse	Yes	Default: NO	
				No		
		Movement	Tilt Reverse	Yes	Default: NO	
				No	5 6 1 1/25	
			Encoder pan/Tilt	Yes	Default: YES	
				On		
				10S	1	
			Back Light	20S	Default: NO	
				30S	1	
				No		
		Screen	Flip Display	Yes	Default: No	
				Auto	1	
				Off		
			Warn Cue	On	Default: No	
				No		
			Key Lock	Yes	Default: No	
				Dimmer 1		
		SETUP Fixture		Dimmer 2	1	
			Dimmer Mode	Dimmer 3	Default:Dimmer 1	
2	SETUP			Dimmer 4		
				Linear	Default:Logarithmic	
				EXPOnentiel		
			Dimmer curve	Logarithmic		
				S-curve	1	
				Auto		
				Silent	1	
			Fan Mode	High	Default: Auto	
				Off	1	
				°C		
			Temperature unit	°F	Default: °C	
		Auto Test	Auto Test			
			Pan	000-255		
			Pan Fine	000-255		
			Tilt	000-255		
			Tilt Fine	000-255		
		Manual Test	P/T Speed	000-255		
			Shutter	000-255		
			Dimmer	000-255		
			Dim Fine	000-255		



Dim Fade	NO.	Main Menu	Menu Level 1	Menu Level 2	Menu Level 3	Default
Magenta						
Magenta				Cyan	000-255	
Yellow				Magenta	_	
CTO				Yellow		
Color				СТО	+	
Gobo1				Color	_	
RGobo				Gobo1	_	
Gobo2			-	RGobo		
Prism				Gobo2		
Rot Prism			-	Prism	+	
Frost			-	Rot Prism		
Focus				Frost	_	
Focus Fine 000-255 Zoom 000-255 Zoom 000-255 Effect 000-255 Rot Effect 000-255 Iris 000-255 Fr.shutter 1 Move. 000-255 Fr.shutter 1 Swiv. 000-255 Fr.shutter 2 Swiv. 000-255 Fr.shutter 3 Swiv. 000-255 Fr.shutter 4 Move. 000-255 Fr.shutter 4 Move. 000-255 Fr.shutter 4 Move. 000-255 Fr.shutter 4 Swiv. 000-255 Fr.shutter 4 Swiv. 000-255 Fr.shutter 5 Swiv. 000-255 Fr.shutter 6 Swiv. 000-255 Fr.shutter 7 Swiv. 000-255 Fr.shutter 8 Swiv. 000-255 Fr.shutter 9 Swiv. 000-255 Fr.shutter 1 Swiv. 000-255 Fr.shutter 1 Swiv. 000-255 Fr.shutter 1 Swiv. 000-255 Fr.shutter 2 Swiv. 000-255 Fr.shutter 3 Swiv. 000-255 Fr.shutter 4 Swiv. 000-255 Fr.shutter 5 Swiv. 000-255 Fr.shutter 6 Swiv. 000-255 Fr.shutter 1 Swiv. 000-255 Fr.shutter 1 Swiv. 000-255 Fr.shutter 2 Swiv. 000-255 Fr.shutter 3 Swiv. 000-255 Fr.shutter 4 Swiv. 000-255 Fr.shutter 5 Swiv. 000-255 Fr.shutter 6 Swiv. 000-255 Fr.shutter 7 Swiv. 000-255 Fr.shutter 8 Swiv. 000-255 Fr.shutter 9 Swiv. 000-255 Fr.shutter 9 Swiv. 000-255 Fr.shutter 1 Swiv. 000-255 Fr.shutter 1 Swiv. 000-255 Fr.shutter 2 Swiv. 000-255 Fr.shutter 3 Swiv. 000-255 Fr.shutter 4 Swiv. 000-255				Focus	+	
Zoom						
Zoom Fine 000-255 Effect 000-255 Rot Effect 000-255 Iris 000-255 Iris 000-255 Fr.shutter 1 Move. 000-255 Fr.shutter 1 Swiv. 000-255 Fr.shutter 2 Swiv. 000-255 Fr.shutter 3 Swiv. 000-255 Fr.shutter 4 Move. 000-255 Fr.shutter 4 Swiv. 000-255 Fr.shutter 5 Swiv. 000-255 Fr.shutter 6 Swiv. 000-255 Fr.shutter 7 Swiv. 000-255 Fr.shutter 8 Swiv. 000-255 Fr.shutter 9 Swiv. 0				Zoom	_	
Effect 000-255 Rot Effect 000-255 Iris 000-255 Fr.shutter 1 Move. 000-255 Fr.shutter 1 Swiv. 000-255 Fr.shutter 2 Move. 000-255 Fr.shutter 2 Swiv. 000-255 Fr.shutter 3 Move. 000-255 Fr.shutter 3 Swiv. 000-255 Fr.shutter 4 Move. 000-255 Fr.shutter 4 Swiv. 000-255 Fr.shutter 4 Swiv. 000-255 Fr.shutter 4 Swiv. 000-255 Fr.shutter 5 Wiv. 000-255 Fr.shutter 6 Wiv. 000-255 Fr.shutter 7 Wiv. 000-255 Fr.shutter 9 Wiv. 000-255 Fr.shutter 1 Wiv. 000-255 Fr.shutter 1 Wiv. 000-255 Fr.shutter 2 Wiv. 000-255 Fr.shutter 3 Wiv. 000-255 Fr.shutter 4 Swiv. 000-255 Fr.shutter 5 Wiv. 000-255 Fr.shutter 6 Wiv. 000-255 Fr.shutter 7 Wiv. 000-255 Fr.shutter 8 Wiv. 000-255 Fr.shutter 9 Wiv. 000-255	2	SETUP	Manual Test	Zoom Fine	_	
Rot Effect	-	32101	Manadi Test			
Iris				Rot Effect	_	
Fr.shutter 1 Move. 000-255 Fr.shutter 1 Swiv. 000-255 Fr.shutter 2 Move. 000-255 Fr.shutter 2 Swiv. 000-255 Fr.shutter 3 Move. 000-255 Fr.shutter 3 Swiv. 000-255 Fr.shutter 4 Move. 000-255 Fr.shutter 4 Swiv. 000-255 Fr.shutter 4 Swiv. 000-255 Fr.shutter 4 Swiv. 000-255 Fr.shutter 5 Wiv. 000-255 Fr.shutter 6 Wiv. 000-255 Fr.shutter 9 Wiv. 000-255 Fr.shutter 9 Wiv. 000-255 Fr.shutter 1 Swiv. 000-255 Fr.shutter 2 Move. 000-255 Fr.shutter 3 Wiv. 000-255 Fr.shutter 4 Swiv. 000-255 Fr.shutter 5 Wiv. 000-255 Fr.shutter 6 Wiv. 000-255 Fr.shutter 7 Wiv. 000-255 Fr.shutter 8 Wiv. 000-255 Fr.shutter 9 Wiv. 000-255					+	
Fr.shutter 1 Swiv. 000-255 Fr.shutter 2 Move. 000-255 Fr.shutter 2 Swiv. 000-255 Fr.shutter 3 Move. 000-255 Fr.shutter 3 Swiv. 000-255 Fr.shutter 4 Move. 000-255 Fr.shutter 4 Swiv. 000-255 Fr.shutter 4 Swiv. 000-255 Fr.shutter 4 Swiv. 000-255 Fr.shutter 5 Wiv. 000-255 Fr.shutter 6 Wiv. 000-255 Fr.shutter 9 Wiv. 000-255 ALL Reset PAN/Tilt Head Pan 000-255						
Fr.shutter 2 Move. 000-255 Fr.shutter 2 Swiv. 000-255 Fr.shutter 3 Move. 000-255 Fr.shutter 3 Swiv. 000-255 Fr.shutter 4 Move. 000-255 Fr.shutter 4 Swiv. 000-255 Shu Rot. 000-255 Fr Macros 000-255 Macros Sp 000-255 Control 000-255 ALL Reset PAN/Tilt Head Pan 000-255					_	
Fr.shutter 2 Swiv. 000-255 Fr.shutter 3 Move. 000-255 Fr.shutter 3 Swiv. 000-255 Fr.shutter 4 Move. 000-255 Fr.shutter 4 Swiv. 000-255 Shu Rot. 000-255 Fr Macros 000-255 Macros Sp 000-255 Control 000-255 ALL Reset PAN/Tilt Head Pan 000-255					+	
Fr.shutter 3 Move. 000-255 Fr.shutter 3 Swiv. 000-255 Fr.shutter 4 Move. 000-255 Fr.shutter 4 Swiv. 000-255 Shu Rot. 000-255 Fr Macros 000-255 Macros Sp 000-255 Control 000-255 ALL Reset PAN/Tilt Head Pan 000-255				Fr.shutter 2 Swiv.		
Fr.shutter 3 Swiv. 000-255 Fr.shutter 4 Move. 000-255 Fr.shutter 4 Swiv. 000-255 Shu Rot. 000-255 Fr Macros 000-255 Macros Sp 000-255 Control 000-255 ALL Reset PAN/Tilt Head Pan 000-255						
Fr.shutter 4 Move. 000-255 Fr.shutter 4 Swiv. 000-255 shu Rot. 000-255 Fr Macros 000-255 Macros Sp 000-255 Control 000-255 ALL Reset PAN/Tilt Head Pan 000-255				Fr.shutter 3 Swiv.	_	
Fr.shutter 4 Swiv. 000-255 shu Rot. 000-255 Fr Macros 000-255 Macros Sp 000-255 Control 000-255 ALL Reset PAN/Tilt Head Pan 000-255			-	Fr.shutter 4 Move.		
shu Rot. 000-255 Fr Macros 000-255 Macros Sp 000-255 Control 000-255 ALL ALL PAN/Tilt Head Pan 000-255				Fr.shutter 4 Swiv.		
Fr Macros				shu Rot.	000-255	
Control 000-255 ALL				Fr Macros		
ALL			Ī	Macros Sp	000-255	
Reset PAN/Tilt			Ī	Control	000-255	
Head Pan 000-255				ALL		
Pan 000-255			Reset	PAN/Tilt		
				Head		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 				Pan	000-255	
Tilt 000-255				Tilt	000-255	
Cyan 000-255				Cyan	000-255	
Magenta 000-255		ADVANCED		Magenta	000-255	
3 ADVANCED Yellow 000-255	3				000-255	
Adjust CTO 000-255			Adjust	СТО	000-255	
Color 000-255				Color	000-255	
Gobo1 000-255				Gobo1	000-255	
RGobo1 000-255				RGobo1	000-255	
Gobo2 000-255				Gobo2	000-255	
Prism 000-255				Prism	000-255	

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NO.	Main Menu	Menu Level 1	Menu Level 2	Menu Level 3	Default
			R Prism	000-255	
			Effect	000-255	
			Focus	000-255	
			Zoom	000-255	
			Frost 1	000-255	
			Iris	000-255	
			Fr.shutters Rot.	000-255	
		Adjust	Fr.shutter 1 M1	000-255	
			Fr.shutter 1 M2	000-255	
			Fr.shutter 2 M1	000-255	
			Fr.shutter 2 M2	000-255	
3	ADVANCED		Fr.shutter 3 M1	000-255	
			Fr.shutter 3 M2	000-255	
			Fr.shutter 4 M1	000-255	
			Fr.shutter 4 M2	000-255	
				Reset To Default	
		Factory Reload -	Detault preset	GoBack	
			user preset1	Load preset1	
				save to preset1	
			user preset2	Load preset2	
				save to preset2	
				Load preset3	
			user preset3	save to preset3	
		Fixture hours	0-9999	save to presets	
		Fans Speed	100%		
		Turis specu	DISP- V1.0		
			CTR1-XY- V1.0		
		Software Version	CTR2-MOTOR-V1.0		
		John Version	CTR3-MOTOR-V1.0		
			CTR4-MOTOR-V1.0		
		RDM UID	030F0AB****		
		NOW OID	Pan	000-255	
4	INFORMATION		Pan Fine	000-255	
			Tilt	000-255	
			Tilt Fine	000-255	
			P/T Speed	000-255	
		View DMX	Shutter	000-255	
			Dimmer	000-255	
			Dim Fine		
			Dim Fade	000-255 000-255	
				1	
			Cyan	000-255	



NO.	Main Menu	Menu Level 1	Menu Level 2	Menu Level 3	Default
			Magenta	000-255	
			Yellow	000-255	
			СТО	000-255	
			Color	000-255	
			RGobo1	000-255	
			RGobo	000-255	
			Gobo2	000-255	
			Prism	000-255	
			Rot Prism	000-255	
			Frost	000-255	
			Focus	000-255	
		FORMATION View DMX	Focus Fine	000-255	
			Zoom	000-255	
	INFORMATION		Zoom Fine	000-255	
4	4 INFORMATION		Effect	000-255	
			Rot Effect	000-255	
			Iris	000-255	
			Fr.shutter 1 Move.	000-255	
			Fr.shutter 1 Swiv.	000-255	
			Fr.shutter 2 Move.	000-255	
			Fr.shutter 2 Swiv.	000-255	
			Fr.shutter 3 Move.	000-255	
			Fr.shutter 3 Swiv.	000-255	
			Fr.shutter 4 Move.	000-255	
			Fr.shutter 4 Swiv.	000-255	
			shu Rot.	000-255	
			Fr Macros	000-255	
			Macros Sp	000-255	

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39CH	41CH	Function	Value	Percent/Setting
1	1	Pan	000-255	Pan Coarse
d	2	Pan Fine	000-255	Pan Fine
3	3	Tilt	000-255	Tilt Coarse
4	4	Tilt Fine	000-255	Tilt Fine
5	5	D/T Smood	000-250	Fastes to Slowest
)	5	P/T Speed	251-255	Movement with Blackot
			000-010	No function (shutter open)
			011-082	Shutter effect slow to fast
			083-093	No function (shutter open)
6	6	Strobe	094-163	Pulse-effect in sequences
			164-174	No function (shutter open)
			175-243	Random Shutter effect slow to fast
			244-255	No function (shutter open)
7	7	Dimmer	000-255	Dimmer 0%-100%
8	8	Dimmer Fine	000-255	Dimmer Fine
			000-051	Off
			052-101	Dimmer 1
9	9	Dimmer Mode	102-152	Dimmer 2
			153-203	Dimmer 3
			204-255	Dimmer 4
10	10	Cyan	000-255	
11	11	Magenta	000-255	
12	12	Yellow	000-255	
13	13	СТО	000-255	CTO 0~100%
			000-004	White
			005-009	White +Color1
			010-013	Color1
			014-018	Color1 + Color2
			019-022	Color2
			023-027	Color2 + Color3
			028-031	Color3
			032-036	Color3 + Color4
14	14	Color	037-040	Color4
			041-045	Color4 + Color5
			046-049	Color5
			050-054	Color5 + Color6
			055-058	Color6
			059-063	Color6 + White
			064-095	Slow to Fast(Forward Spin)
			096-127	Slow to Fast(Revers Spin)
			128-255	Positioning from 0-360 degrees(Indexing)



39CH 41CH Function Value Percent/Settin	ng
006-010 Position 1	
011 015 Backing 2	
011-015 Position 2 www.ekli	ights.com
016-020 Position 3	
021-025 Position 4	
026-030 Position 5	
031-035 Position 6	
036-040 Position 7	
15 15 Gobo Wheel 1 041-055 Position 1 (Position 1 Shake, from	slow to fast)
056-070 Position 2 (Position 2 Shake,from	slow to fast)
071-085 Position 3 (Position 3 Shake, from	slow to fast)
086-100 Position 4 (Position 1 Shake,from	slow to fast)
101-115 Position 5 (Position 5 Shake,from	slow to fast)
116-130 Position 6 (Position 6 Shake,from	slow to fast)
131-145 Position 7 (Position 7 Shake,from	slow to fast)
146-201 Positioning from 0-360 degrees(th	ndexing)
202-255 Stop to fastest (Reverse Wheel Sp	oin)
000-191 Positioning from 0-360 degrees(H	ndexing)
192-221 Fastest to Slowest(Forward Spin)	
16 16 Gobo Wheel 1,gobo rotation 222-225 Stop	
226-255 Fastest to Slowest(Reverse Spin)	
/ 17 Gobo Wheel 1,gobo rotation Fine 0-255 Gobo Wheel 1,gobo rotation Fine	0-360 degrees
0-7 Open	
8-15 Position 1	
16-23 Position 2	
24-31 Position 3	
32-39 Position 4	
40-47 Position 5	
48-55 Position 6	
56-63 Position 7	
64-71 Position 8	
72-113 Fast to Stop(Reverse Spin)	
17 18 Gobo Wheel 2 114-117 Positioning from 0-360 degrees(li	ndexing)
118-159 Stop to fastest (Forward Wheel Sp	oin)
160-171 Position 1 (Position 1 Shake, from	slow to fast)
172-195 Position 2 (Position 2 Shake,from	slow to fast)
184-195 Position 3 (Position 3 Shake, from	slow to fast)
196-207 Position 4 (Position 1 Shake, from	slow to fast)
208-219 Position 5 (Position 5 Shake,from	slow to fast)
220-231 Position 6 (Position 6 Shake, from	slow to fast)
232-243 Position 7 (Position 7 Shake,from	slow to fast)
244-255 Position 8 (Position 8 Shake, from	slow to fast)

39CH	41CH	Function	Value	Percent/Setting
18	19	Prism	000-127	Prism Excluded
18	19	Prism	128-255	Prism Inserted
			000-127	Insertion and Positioning from 0-360(Index)
10	20	DD::	128-188	fastest to Slowest (Forward Spin)
19	20	RPrism	189-193	Stop
			194-255	fastest to Slowest (Reverse Spin)
/	21	RPrism Fine	000-255	RPrism Fine
20	22	Frost	000-255	Dual Frost
21	23	Focus	000-255	Focus
22	24	Focus Fine	000-255	Focus Fine
23	25	ZOOM	000-255	ZOOM
24	26	ZOOM Fine	000-255	ZOOM Fine
25	27	Effect	000-255	
			000-004	No Function
		250	005-127	Slowest to fastest (Forward Spin)
26	28	REffect	128-132	Stop
			133-255	Slowest to fastest (Reverse Spin)
			000-063	From large to small
			064-127	Close from slow to fast (Effects)
27 29	29	Iris	128-191	Open from slow to fast (Effects)
			192-255	Open and Close ramdomly
28	30	Framing Shutter 1 movent	000-255	Movement from outward to inward
			000-127	Swivelling from -25 degrees towards 0 degrees
29	31	Framing Shutter 1 swivelling	128	0°
			129-255	Swivelling from 0 degrees to +25 degrees
30	32	Framing Shutter 2 movent	000-255	Movement from outward to inward
			000-127	Swivelling from -25 degrees towards 0 degrees
31	33	Framing Shutter 2 swivelling	128	0°
			129-255	Swivelling from 0 degrees to +25 degrees
32	34	Framing Shutter 3 movent	000-255	Movement from outward to inward
			000-127	Swivelling from -25 degrees towards 0 degrees
33	35	Framing Shutter 3 swivelling	128	0°
			129-255	Swivelling from 0 degrees to +25 degrees
34	36	Framing Shutter 4 movent	000-255	Movement from outward to inward
		-	000-127	Swivelling from -25 degrees towards 0 degrees
35	37	Framing Shutter 4 swivelling	128	0°
		<u>-</u>	129-255	Swivelling from 0 degrees to +25 degrees
			000-127	Rotation from left to center
36	38	Framing Shutters Rotation	128	Center
			129-255	Rotation from center to right



39CH	41CH	Function	Value	Percent/Setting
			000-003	No Function
			004-011	Framing Shutters Macro 1
			012-018	Framing Shutters Macro 2
			019-025	Framing Shutters Macro 3
			026-032	Framing Shutters Macro 4
			033-039	Framing Shutters Macro 5
			040-047	Framing Shutters Macro 6
			048-054	Framing Shutters Macro 7
			055-061	Framing Shutters Macro 8
			062-068	Framing Shutters Macro 9
			069-075	Framing Shutters Macro 10
			076-082	Framing Shutters Macro 11
			083-090	Framing Shutters Macro 12
			091-097	Framing Shutters Macro 13
			098-104	Framing Shutters Macro 14
		Framing Shutters Macro	105-111	Framing Shutters Macro 15
			112-118	Framing Shutters Macro 16
37	39		119-125	Framing Shutters Macro 17
,			126-133	Framing Shutters Macro 18
			134-140	Framing Shutters Macro 19
			141-147	Framing Shutters Macro 20
			148-155	Framing Shutters Macro 21
			156-161	Framing Shutters Macro 22
			162-168	Framing Shutters Macro 23
			169-176	Framing Shutters Macro 24
			177-183	Framing Shutters Macro 25
			184-190	Framing Shutters Macro 26
			191-197	Framing Shutters Macro 27
			198-204	Framing Shutters Macro 28
			205-211	Framing Shutters Macro 29
			212-219	Framing Shutters Macro 30
			220-226	Framing Shutters Macro 31
			227-233	Framing Shutters Macro 32
			234-240	Framing Shutters Macro 33
			241-247	Framing Shutters Macro 34
			248-255	Framing Shutters Macro 35
38	40	Framing Shutters Macro Speed	000-255	Framing Shutters Macro Speed From Slow to Fast
			000-025	No Function
39	41	Control	026-076	Head Rest
			077-127	Pan/Tilt Reset
			128-255	Complete Reset

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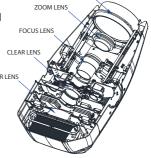


MAINTENANCE

MAINTENANCE AND CLEANING THE UNIT

- Make sure the area below the installation place is free from unwanted person during setup.
- Switch off the unit, unplug the main cable and wait till the unit has cooled down.
- All screws used for installing the device and any of its parts should be tightly fastened and should not be corroded.
- Housings, fixations and installation spots (celling, trusses, suspensions) should be totally free from any deformation.
- The main cables must be in impeccable condition and should be replaced immediately even when a small problem is detected.
- It is recommended to clean the front at regular intervals, from impurities caused by dust, smoke, or other particles to ensure that the ligh is radiated at maximum brightness. For cleaning, disconnect the main cluster lens plug from the socket. Use a soft, clean cloth moistened with a mild detergent. Then carefully wipe the parts dry.

For cleaning other housing parts use only a soft, clean cloth. Never use a liquid, it might pernetrate the unit and cause damage to it.



FUSE REPLACEMENT

- 1.Disconnect this product from the power outlet.
- 2. Using a screwdriver, unscrew the fuse holder cap from the housing.
- 3.Remove the blown fuse and replace with a good fuse of the same type and rating.
- 4. Screw the fuse holder cap back in place and reconnect power.



TROUBLESHOOTING

Problems	Possible causes	Checks and remedies
Fixture does not light up	No mains supply	Check the power supply voltage
	Dimmer fader set to 0	Increase the value of the dimmer channels
	Faulty LED	Replace the LED board
	Faulty LED board	Replace the LED board
General low light intensity	Dirty lens assembly	Clean the fixture regularly
	Misaligned lens assembly	Install lens assembly properly
Fixture does not power up	No power	Check for power on power outlet
	Loose or damaged power cordFaulty internal power supply	Check power cord Replace internal power supply
	raulty internal power supply	Nepiace internal power supply

Contact an authorized service center in case of technical problems or not reported in the above table cannot be resolved by the procedure given in the table.



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