

COLLIDERBAR^{IP}

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'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

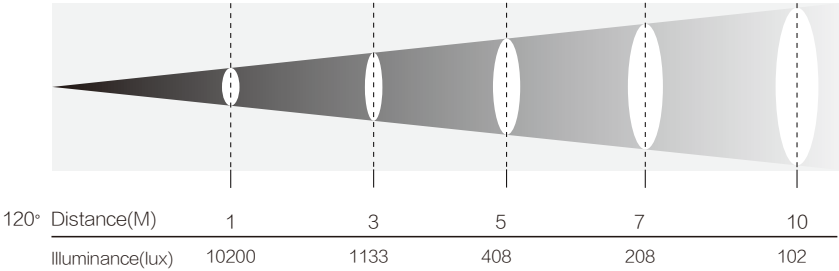
- 240W RGBW LED
- Color temperature from 2800K~8000K
- Ra $\geq$ 90, R9 $\geq$ 90
- Continuous operation possible due to advanced thermal design
- Doubles as an LED panel light in continuous mode(with optional diffusion lens assembly)
- Optional egg crate kit to provide 60° cutoff angle
- Stunning selection of pre-programmed macros and special effects
- Two-layer foreground and background colors and effects
- 15 individually controllable segments for dynamic effects and visuals
- IP65-rated tour-ready construction, compact body, punchy brightness
- Side lock pins on both sides for fast alignment of multiple units
- DMX, Art-Net, RDM control

SPECIFICATIONS

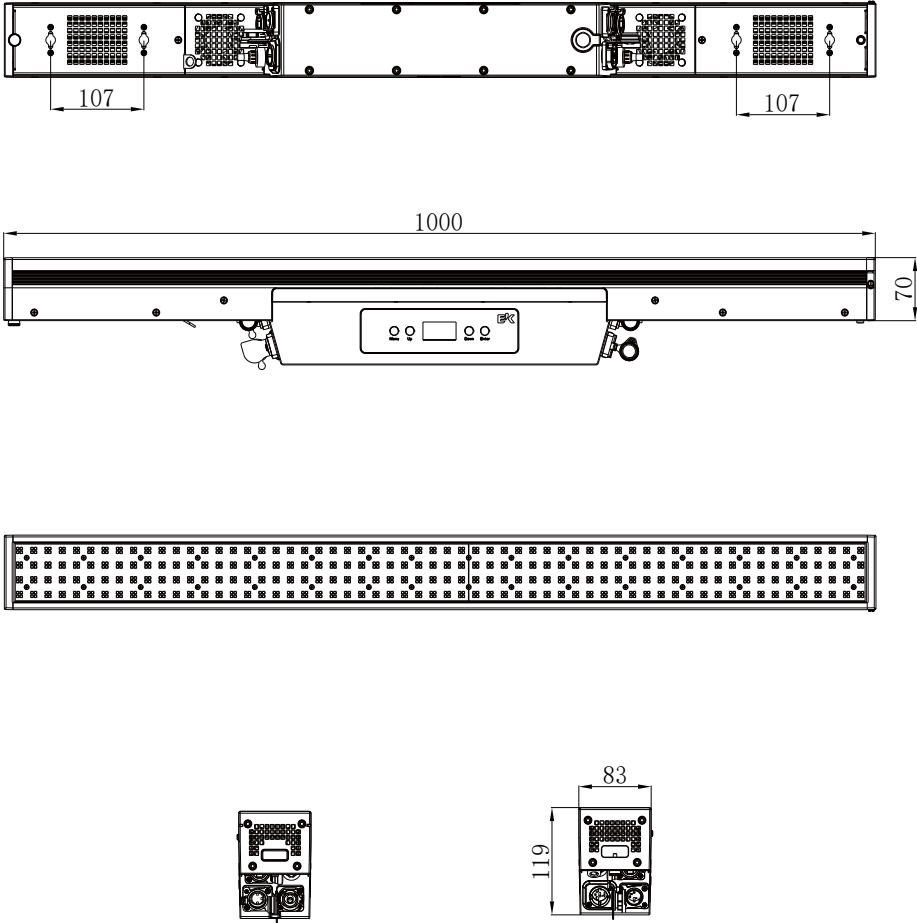
Light Source:	240 x R, 240 x G, 240 x B, 240 x W single color LEDs
Color Temperature:	2800K-8000K
Output(lm):	17400 lm
Output(lux)	408lux @ 5M
CRI:	Ra $\geq$ 90
LED Life:	Over 20K hours
Beam Angle:	120°
Strobe:	0~30Hz
Dimmer:	4 dimming curves with 1~100% ddimming
LED Frequency:	600Hz/1200 Hz/2000 Hz/4000 Hz/6000 Hz/25KHz
Mains:	100~240VAC,50~60Hz
Power:	300W @ full(continious), 600W @ full(strobe)
Power Connections:	IP Power IN / Out, linking up to 9pcs @ 230V
Data Connections:	IP DMX IN / OUT, linking up to 32pcs IP Art-Net IN / OUT
Control:	Artnet/DMX512/RDM
oN-BOARD mENU:	Yes
DMX Channel:	1/3/4/5/6/8/11/15/60/62/67/120 CH
IP Rated:	IP65
Ambient:	-10°~45°
Cooling:	IP noiseless fan for forced air
Dimension:	1000*83*232mm
Weight	7.6Kg

PHOTOMETRICS

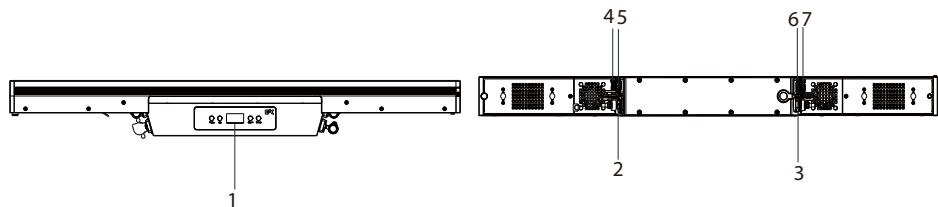
Output



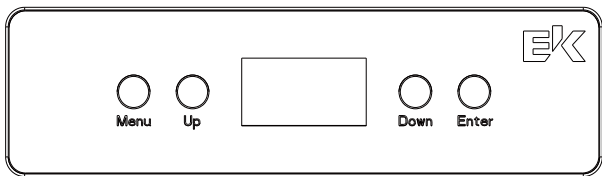
DIMENSIONS



OVERVIEW



1. CONTROL PANEL
2. IP POWER IN
3. IP POWER OUT
4. ART-NET IN
5. DMX IN
6. DMX OUT
7. ART-NETOUT

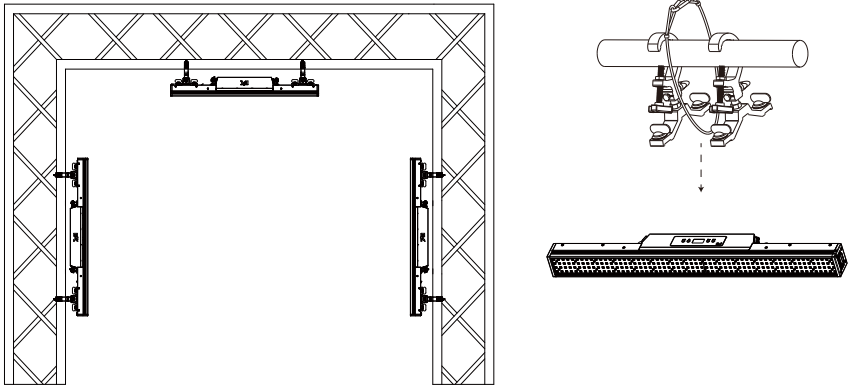


MODE	ILLUSTRATION	DESCRIPTION	EFFECT
MODE	MENU OPTION	ENTER MENU	MENU OPERATION
UP	UP	SCROLL UP	INCREASE NUMERIC VALUE
DOWN	DOWN	SCROLL DOWN	DECREASE NUMERIC VALUE
ENTER	CONFIRM	CONFIRM	SAVE SETTING

KEY LOCK PASSWORD =

UP, DOWN, UP, DOWN, ENTER

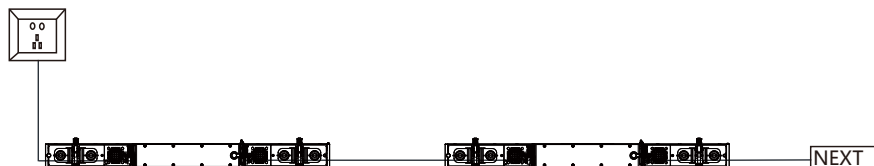
INSTALLATION



The Collider Bar IP may be set up on a solid and even surface. By means of the fixing facilities of the baseplate, the unit can also be mounted upside down to a cross arm. For fixing, stable mounting clips are required. The bolts of the brackets are placed into the openings provided in the base plate and turned clockwise until they lock (to the stop). Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. The mounting place must be of sufficient stability and be able to support a weight of 10 times of the unit's weight. When carrying out any installation, always comply scrupulously with all the regulations (particularly regarding safety) currently in force in the country in which the fixture's being used. Always additionally secure the projector 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 projector will be 20 cm.

CONNECTION

POWER CONNECTION

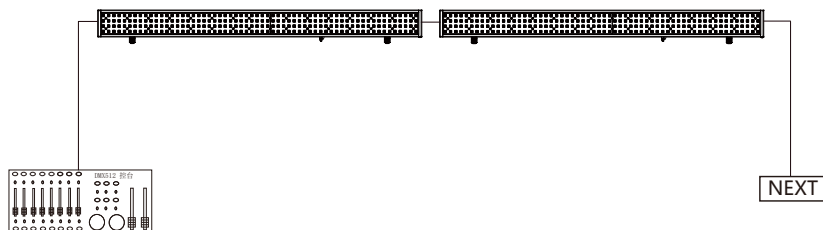


Using Power Con In / Out
Power cable connected in series
Attention: due to the power rating
one 1.5mm² power cable can connect 9 units maximum



Do not connect more than 9 units in series with one power cable
Do not use damage power cable
Connection to power must be cut when fixture is not in use

DATA CONNECTION - DMX



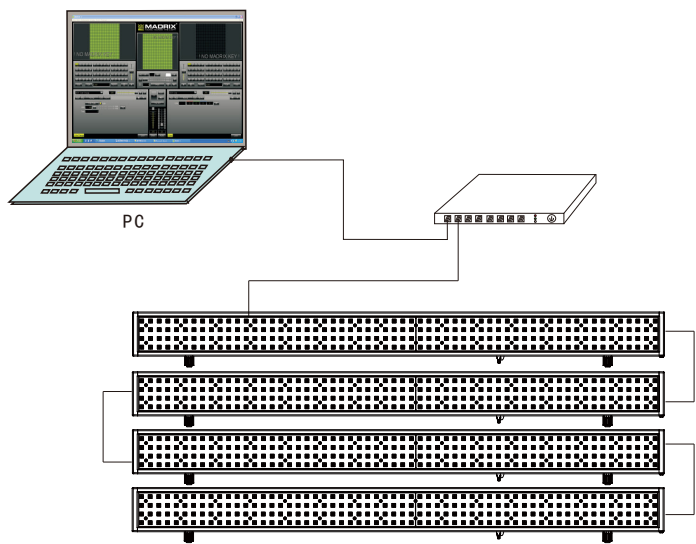
CONNECTION

Relation between DMX and Address

MODE	ALLOCATION	START ADDRESS 1ST FIXTURE	START ADDRESS 2ND FIXTURE	START ADDRESS 3RD FIXTURE	START ADDRESS 4TH FIXTURE
4CH	001-004	001	005	009	013
5CH	001-005	001	006	011	016
6CH	001-006	001	007	013	019
8CH	001-008	001	009	017	025
11CH	001-011	001	012	023	034
15CH	001-015	001	016	031	046
60CH	001-060	001	061	121	181
62CH	001-062	001	063	125	187
67CH	001-067	001	068	135	202
120CH	001-120	001	121	241	361

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

DATA CONNECTION - Art-net



MENU

Menu						
NO.	Main Menu	Menu level 2	Menu level 3	Menu level4	Remark	
1	DMX Address	<001>			Default: 001	
2	DMX Channel	1Ch	Preset CCTs		Default: 15Ch	
			Manual Color Mixer			
		3Ch				
		4Ch				
		5Ch				
		6Ch				
		8Ch				
		11Ch				
		15Ch				
		60Ch				
		62Ch				
		67Ch				
		120Ch				
		ADVANCED1				
		ADVANCED2				
3	Static				Default: 2800K	
		Preset CCTs	2800K	Dimmer<0-100> Hue<-25~25>		
			2900K			
			3000K			
			3100K			
			3200K			
						
						
			5300K			
			5400K			
			5500K			
			5600K			
			5700K			
			6000K			
			6500K			
			7000K			
			7500K			
			8000K			
		Manual Color Mixer	Red	<0-255>		
			Green	<0-255>		
			Blue	<0-255>		
			White	<0-255>		
				Default: all=255		
4	Effect Macros	Auto1 Auto2 Auto3 Auto4 Auto5 Auto6 Auto7 Auto8 Auto9 Auto10 Auto11 Auto12 Auto13 Auto14 Auto15 Auto16 Auto17 Auto18 Auto19 Auto20 Auto21 Auto22 Auto23	Speed <1-100>			
			Foreground	Black	Default: Auto1 Speed:100 Foreground = R Background = Black	
				R		
				G		
				B		
				W		
				GB		
				RB		
				RG		
				RGB		
				RW		
				GW		
				BW		
				RGW		
				RBW		
				GBW		
				RGBW		
		Background	Black			
			R			
			G			
			B			
			W			
			GB			
			RB			
			RG			
			RGB			
			RW			
			GW			
			BW			
			RGW			
			RBW			
			GBW			
			RGBW			
5	Red Shift	On/Off			Default: Off	

MENU

6	Master/Slave	Master			Default: Slave
		Slave			
7	Dimmer Curve	S Curve			Default: Linear
		Linear			
		Square			
		Inverse Square			
8	Dimmer Mode	Off			Default: Off
		Dimmer 1			
		Dimmer 2			
		Dimmer 3			
9	Color Calibration	Off			
		User Calibration	Red <125-255>		Default: Factory Calibration
			Green <125-255>		
			Blue <125-255>		
			White <125-255>		
		Factory Calibration			
10	LED Frequency	600Hz			Default: 1200Hz
		1200 Hz			
		2000 Hz			
		4000 Hz			
		6000 Hz			
		25KHz			
11	Fan Mode	Auto			Default: Auto
		On			
		Off			
		Silent			
12	Back Light	10S			Default: 2Min
		30S			
		2Min			
		Always On			
13	Ethernet Setting	Protocol	Only Art-Net		Default: Only Art-Net
			Art-Net + DMX		
		Universe	0-255		Default: 0
		Start Channel	1-512		Default: 1
		IP Address	2/10.xxx.xxx.xxx		可设置 2/10.xxx.xxx.xxx 段 IP
			No		
		Ethernet To DMX	Yes		
14	Mapping Reverse	Off			Default: Off
		On			
15	Information	Fixture Hours	65000H		
		LED Hours	65000H		
		Disp Version	V1.0		
		Drv Version	V0.01		
		Net Version	V0.10		
		UID:	030F0940****		
16	Factory Reset	No			Default: No

DMX CHARTS

DMX Channel(-)

1CH	Function	Value	Percent/Setting	Remark
1	Dimmer	000-255	0~100%	

3CH	Function	Value	Percent/Setting	Remark
1	Dimmer	000-255	0~100%	
2	Preset CCTs	000-005 2800 006-013 2800K - 2900K 013-020 2900K - 3000K 020-027 3000K - 3100K 027-034 3100K - 3200K 034-041 3200K - 3300K 041-048 3300K - 3400K 048-055 3400K - 3500K 055-062 3500K - 3600K 062-069 3600K - 3700K 069-076 3700K - 3800K 076-083 3800K - 3900K 083-090 3900K - 4000K 090-097 4000K - 4100K 097-104 4100K - 4200K 104-111 4200K - 4300K 111-118 4300K - 4400K 118-125 4400K - 4500K 125-132 4500K - 4600K 132-139 4600K - 4700K 139-146 4700K - 4800K 146-153 4800K - 4900K 153-160 4900K - 5000K 160-167 5000K - 5100K 167-174 5100K - 5200K 174-181 5200K - 5300K 181-188 5300K - 5400K 188-195 5400K - 5500K 195-202 5500K - 5600K 202-209 5600K - 5700K 209-216 5700K - 6000K 216-223 6000K - 6500K 223-230 6500K - 7000K 230-237 7000K - 7500K 237-244 7500K - 8000K 244-255 8000K		
3	HUE	000-000 0 001-255 -25~25		128=0

4CH	Function	Value	Percent/Setting	Remark
1	Red	000-255	0~100%	
2	Green	000-255	0~100%	
3	Blue	000-255	0~100%	
4	White	000-255	0~100%	

5CH	Function	Value	Percent/Setting	Remark
1	Dimmer	000-255	0~100%	
2	Dimmer Fine	000-255	0~100%	
3	Preset CCTs	000-005 2800K 006-013 2800K - 2900K 013-020 2900K - 3000K 020-027 3000K - 3100K 027-034 3100K - 3200K 034-041 3200K - 3300K 041-048 3300K - 3400K 048-055 3400K - 3500K 055-062 3500K - 3600K 062-069 3600K - 3700K 069-076 3700K - 3800K 076-083 3800K - 3900K 083-090 3900K - 4000K 090-097 4000K - 4100K 097-104 4100K - 4200K 104-111 4200K - 4300K 111-118 4300K - 4400K 118-125 4400K - 4500K 125-132 4500K - 4600K 132-139 4600K - 4700K 139-146 4700K - 4800K 146-153 4800K - 4900K 153-160 4900K - 5000K 160-167 5000K - 5100K 167-174 5100K - 5200K		

DMX CHARTS

		174-181 181-188 188-195 195-202 202-209 209-216 216-223 223-230 230-237 237-244 244-255	5200K - 5300K 5300K - 5400K 5400K - 5500K 5500K - 5600K 5600K - 5700K 5700K - 6000K 6000K - 6500K 6500K - 7000K 7000K - 7500K 7500K - 8000K 8000K	
4	HUE	000-000 001-255	0 -25~25	128=0
5	Strobe	000-010 011-255	No Function Strobe slow to fast	

6CH	Function	Value	Percent/Setting	Remark
1	Dimmer	000-255	0~100%	
2	Red	000-255	0~100%	
3	Green	000-255	0~100%	
4	Blue	000-255	0~100%	
5	White	000-255	0~100%	
6	Strobe	000-010 011-255	No Function Strobe slow to fast	

8CH	Function	Value	Percent/Setting	Remark
1	Red	000-255	0~100%	
2	Red Fine	000-255	0~100%	
3	Green	000-255	0~100%	
4	Green Fine	000-255	0~100%	
5	Blue	000-255	0~100%	
6	Blue Fine	000-255	0~100%	
7	White	000-255	0~100%	
8	White Fine	000-255	0~100%	

11CH	Function	Value	Percent/Setting	Remark
1	Dimmer	000-255	0~100%	
2	Red	000-255	0~100%	
3	Green	000-255	0~100%	
4	Blue	000-255	0~100%	
5	White	000-255	0~100%	
6	Strobe	000-010 011-255	No Function Strobe slow to fast	
7	Preset CCTs	000-005 006-013 013-020 020-027 027-034 034-041 041-048 048-055 055-062 062-069 069-076 076-083 083-090 090-097 097-104 104-111 111-118 118-125 125-132 132-139 139-146 146-153 153-160 160-167 167-174 174-181 181-188 188-195 195-202 202-209 209-216 216-223 223-230 230-237 237-244 244-255	No Function 2800K - 2900K 2900K - 3000K 3000K - 3100K 3100K - 3200K 3200K - 3300K 3300K - 3400K 3400K - 3500K 3500K - 3600K 3600K - 3700K 3700K - 3800K 3800K - 3900K 3900K - 4000K 4000K - 4100K 4100K - 4200K 4200K - 4300K 4300K - 4400K 4400K - 4500K 4500K - 4600K 4600K - 4700K 4700K - 4800K 4800K - 4900K 4900K - 5000K 5000K - 5100K 5100K - 5200K 5200K - 5300K 5300K - 5400K 5400K - 5500K 5500K - 5600K 5600K - 5700K 5700K - 6000K 6000K - 6500K 6500K - 7000K 7000K - 7500K 7500K - 8000K 8000K	

DMX CHARTS

8	HUE	000-000 001-255	0 -25~25	128=0
9	Effect Macros	000-010 011-039 040-068 069-096 097-125 126-154 155-182 183-211 212-240 241-255	No Function Color Chase Police Car Firetruck Fire Clouds Fireworks Paparazzi Lightning No Function	
10	Effect Macros speed	000-255	Speed Slow to Fast	
11	Control (Hold 3 Seconds)	000-007 008-015 016-023 024-031 032-039 040-047 048-055 056-063 064-071 072-079 080-087 088-095 096-103 104-111 112-119 120-127 128-255	No Function Dimmer Reset Red Shift: ON Red Shift: OFF Dimmer: S-Curve Dimmer: Linear Dimmer: Square Dimmer: Inverse Square Dimmer Mode: Off Dimmer Mode: 1 Dimmer Mode: 2 Dimmer Mode: 3 Fan Auto Fan On Fan Off Fan Silent Future Use (No Function)	

15CH	Function	Value	Percent/Setting	Remark
1	Dimmer	000-255	0~100%	
2	Dimmer Fine	000-255	0~100%	
3	Red	000-255	0~100%	
4	Red Fine	000-255	0~100%	
5	Green	000-255	0~100%	
6	Green Fine	000-255	0~100%	
7	Blue	000-255	0~100%	
8	Blue Fine	000-255	0~100%	
9	White	000-255	0~100%	
10	White Fine	000-255	0~100%	
11	Strobe	000-010 011-255	No Function Strobe slow to fast	
12	Preset CCTs	000-005 006-013 013-020 020-027 027-034 034-041 041-048 048-055 055-062 062-069 069-076 076-083 083-090 090-097 097-104 104-111 111-118 118-125 125-132 132-139 139-146 146-153 153-160 160-167 167-174 174-181 181-188 188-195 195-202 202-209 209-216 216-223	No Function 2800K - 2900K 2900K - 3000K 3000K - 3100K 3100K - 3200K 3200K - 3300K 3300K - 3400K 3400K - 3500K 3500K - 3600K 3600K - 3700K 3700K - 3800K 3800K - 3900K 3900K - 4000K 4000K - 4100K 4100K - 4200K 4200K - 4300K 4300K - 4400K 4400K - 4500K 4500K - 4600K 4600K - 4700K 4700K - 4800K 4800K - 4900K 4900K - 5000K 5000K - 5100K 5100K - 5200K 5200K - 5300K 5300K - 5400K 5400K - 5500K 5500K - 5600K 5600K - 5700K 5700K - 6000K 6000K - 6500K	

DMX CHARTS

		223-230 230-237 237-244 244-255	6500K - 7000K 7000K - 7500K 7500K - 8000K 8000K	
13	HUE	000-000 001-255	0 -25-25	
14	Effect Macros	000-010 011-039 040-068 069-096 097-125 126-154 155-182 183-211 212-240 241-255	No Function Color Chase Police Car Firetruck Fire Clouds Fireworks Paparazzi Lightning No Function	
15	Effect Macros speed	000-255	Speed Slow to Fast	

60CH	Function	Value	Percent/Setting	Remark
1	Red1	000-255	0~100%	
2	Green1	000-255	0~100%	
3	Blue1	000-255	0~100%	
4	White1	000-255	0~100%	
5	Red2	000-255	0~100%	
6	Green2	000-255	0~100%	
7	Blue2	000-255	0~100%	
8	White2	000-255	0~100%	
9	Red3	000-255	0~100%	
10	Green3	000-255	0~100%	
11	Blue3	000-255	0~100%	
12	White3	000-255	0~100%	
13	Red4	000-255	0~100%	
14	Green4	000-255	0~100%	
15	Blue4	000-255	0~100%	
16	White4	000-255	0~100%	
...	...	...	...	
57	Red15	000-255	0~100%	
58	Green15	000-255	0~100%	
59	Blue15	000-255	0~100%	
60	White15	000-255	0~100%	

62CH	Function	Value	Percent/Setting	Remark
1	Dimmer	000-255	0~100%	
2	Red1	000-255	0~100%	
3	Green1	000-255	0~100%	
4	Blue1	000-255	0~100%	
5	White1	000-255	0~100%	
6	Red2	000-255	0~100%	
7	Green2	000-255	0~100%	
8	Blue2	000-255	0~100%	
9	White2	000-255	0~100%	
10	Red3	000-255	0~100%	
11	Green3	000-255	0~100%	
12	Blue3	000-255	0~100%	
13	White3	000-255	0~100%	
14	Red4	000-255	0~100%	
15	Green4	000-255	0~100%	
16	Blue4	000-255	0~100%	
17	White4	000-255	0~100%	
...	...	...	...	
58	Red15	000-255	0~100%	
59	Green15	000-255	0~100%	
60	Blue15	000-255	0~100%	
61	White15	000-255	0~100%	
62	Strobe	000-010 011-255	No Function Strobe slow to fast	

67CH	Function	Value	Percent/Setting	Remark
1	Dimmer	000-255	0~100%	
2	Red1	000-255	0~100%	
3	Green1	000-255	0~100%	
4	Blue1	000-255	0~100%	
5	White1	000-255	0~100%	

DMX CHARTS

6	Red2	000-255	0~100%	
7	Green2	000-255	0~100%	
8	Blue2	000-255	0~100%	
9	White2	000-255	0~100%	
10	Red3	000-255	0~100%	
11	Green3	000-255	0~100%	
12	Blue3	000-255	0~100%	
13	White3	000-255	0~100%	
14	Red4	000-255	0~100%	
15	Green4	000-255	0~100%	
16	Blue4	000-255	0~100%	
17	White4	000-255	0~100%	
...	...	...	...	
58	Red15	000-255	0~100%	
59	Green15	000-255	0~100%	
60	Blue15	000-255	0~100%	
61	White15	000-255	0~100%	
62	Strobe	000-010 011-255	No Function Strobe slow to fast	
63	Preset CCTs	000-005 006-013 013-020 020-027 027-034 034-041 041-048 048-055 055-062 062-069 069-076 076-083 083-090 090-097 097-104 104-111 111-118 118-125 125-132 132-139 139-146 146-153 153-160 160-167 167-174 174-181 181-188 188-195 195-202 202-209 209-216 216-223 223-230 230-237 237-244 244-255	No Function 2800K - 2900K 2900K - 3000K 3000K - 3100K 3100K - 3200K 3200K - 3300K 3300K - 3400K 3400K - 3500K 3500K - 3600K 3600K - 3700K 3700K - 3800K 3800K - 3900K 3900K - 4000K 4000K - 4100K 4100K - 4200K 4200K - 4300K 4300K - 4400K 4400K - 4500K 4500K - 4600K 4600K - 4700K 4700K - 4800K 4800K - 4900K 4900K - 5000K 5000K - 5100K 5100K - 5200K 5200K - 5300K 5300K - 5400K 5400K - 5500K 5500K - 5600K 5600K - 5700K 5700K - 6000K 6000K - 6500K 6500K - 7000K 7000K - 7500K 7500K - 8000K 8000K	
64	HUE	000-000 001-255	0 -25~25	128=0
65	Effect Macros	000-010 011-039 040-068 069-096 097-125 126-154 155-182 183-211 212-240 241-255	No Function Color Chase Police Car Firetruck Fire Clouds Fireworks Paparazzi Lightning No Function	
66	Effect Macros speed	000-255	Speed Slow to Fast	
67	Control (Hold 3 Seconds)	000-007 008-015 016-023 024-031 032-039 040-047 048-055 056-063 064-071 072-079	No Function Reset All Red Shift: ON Red Shift: OFF Dimmer: S-Curve Dimmer: Linear Dimmer: Square Dimmer: Inverse Square Dimmer Mode: Off Dimmer Mode: 1	

DMX CHARTS

		080-087 088-095 096-103 104-111	Dimmer Mode: 2 Dimmer Mode: 3 Fan Auto Fan On	
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120CH	Function	Value	Percent/Setting	Remark
1	Red1	000-255	0~100%	
2	Red Fine1	000-255	0~100%	
3	Green1	000-255	0~100%	
4	Green Fine1	000-255	0~100%	
5	Blue1	000-255	0~100%	
6	Blue Fine1	000-255	0~100%	
7	White1	000-255	0~100%	
8	White Fine1	000-255	0~100%	
9	Red2	000-255	0~100%	
10	Red Fine2	000-255	0~100%	
11	Green2	000-255	0~100%	
12	Green Fine2	000-255	0~100%	
13	Blue2	000-255	0~100%	
14	Blue Fine2	000-255	0~100%	
15	White2	000-255	0~100%	
16	White Fine2	000-255	0~100%	
17	Red3	000-255	0~100%	
18	Red Fine3	000-255	0~100%	
19	Green3	000-255	0~100%	
20	Green Fine3	000-255	0~100%	
21	Blue3	000-255	0~100%	
22	Blue Fine3	000-255	0~100%	
23	White3	000-255	0~100%	
24	White Fine3	000-255	0~100%	
25	Red4	000-255	0~100%	
26	Red Fine4	000-255	0~100%	
27	Green4	000-255	0~100%	
28	Green Fine4	000-255	0~100%	
29	Blue4	000-255	0~100%	
30	Blue Fine4	000-255	0~100%	
31	White4	000-255	0~100%	
32	White Fine4	000-255	0~100%	
...	...	...	...	
113	Red15	000-255	0~100%	
114	Red Fine15	000-255	0~100%	
115	Green15	000-255	0~100%	
116	Green Fine15	000-255	0~100%	
117	Blue15	000-255	0~100%	
118	Blue Fine15	000-255	0~100%	
119	White15	000-255	0~100%	
120	White Fine15	000-255	0~100%	

Pixel Order

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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EKINC.

Address: NO.55 Zhongzhun Road, Cuiheng New District, Zhongshan City, Guangdong Province

Phone: 0086 (0760) 88280099

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DMX CHARTS

ADVANCED - ADVANCED 2						
DMX	Art-net+DMX		Function	Value	Percent/Setting	Remark
Artnet	Artnet	DMX				
1		1	FLASH DIMMER	000-255	0-100%	
2		2	FLASH STROBE	000-030	No flash/Closed	
				031-100	Strobe slow to fast	
				101-130	Open	
				131-200	Random strobe slow to fast	
				201-255	Open	
3		3	BG DIMMER	000-255	Strobe Dimmer	
4		4	BG STROBE	000-030	No flash/Closed	
				031-100	Strobe slow to fast	
				101-130	Open	
				131-200	Random strobe slow to fast	
				201-255	Open	
5		5	BG RED	000-255	Red intensity	
6		6	BG GREEN	000-255	Green intensity	
7		7	BG BLUE	000-255	Blue intensity	
8		8	BG WHITE	000-255	White intensity	
9		9	AUTO FX	000-010	No Function	
				011-015	FX 1	
				016-020	FX 2	
				021-025	FX 3	
				026-030	FX 4	
				031-035	FX 5	
				036-040	FX 6	
				041-045	FX 7	
				046-050	FX 8	
				051-055	FX 9	
				056-060	FX 10	
				061-065	FX 11	
				066-070	FX 12	
				071-075	FX 13	
				076-080	FX 14	
				081-085	FX 15	
				086-090	FX 16	
				091-095	FX 17	
				096-100	FX 18	
				101-105	FX 19	
				106-110	FX 20	
				111-115	FX 21	
				116-120	FX 22	
				121-125	FX 23	
				126-205	RESERVED(TBD)	
				206-255	Random pixel(with density)	From 1 to 10 pixel, 1 more pixel every 5 steps
10		10	FX SPEED	000-050	Static indexing	
				051-255	From slow to fast	
11		11	DIMMER MODE	000-051	From MENU	
				052-101	Mode OFF	
				102-152	Mode 1	
				153-203	Mode 2	
				204-255	Mode 3	
12	1		PIXEL 1 RED	000-255	Red intensity	
13	2		PIXEL 1 GREEN	000-255	Green intensity	
14	3		PIXEL 1 BLUE	000-255	Blue intensity	
...			...	...	...	
68	57		PIXEL 15 RED	000-255	Red intensity	
69	58		PIXEL 15 GREEN	000-255	Green intensity	
70	59		PIXEL 15 BLUE	000-255	Blue intensity	
71	60		PIXEL 15 WHITE	000-255	White intensity	

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 (ceiling,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 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 perentrate the unit and cause damage to it.

TROUBLESHOOTING

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