

Pixel Line IP

User Manual



Guangzhou Mitek Light Co.,LTD

Email: info@miteklight.com

Website: www.miteklight.com

Add: No. 21 Dongfeng Avenue, Automobile Industry Base, Huadu District, Guangzhou

TECHNICAL PARAMETERS

Light source

Light source: 96*5W white 3535Leds, 576*0.6W RGB 5050Leds

Input and frequency: 100~240VAC, 50~60Hz

Power: Full bright 400W, Strobe 700W

Switch power: 100~240VAC, 50~60Hz, 28V 350W

Optical

Color Temperature: 2800K-8000K

Lumen full output : R: 8640 lm; G: 17280 lm; B: 4032 lm; W: 24500 lm; ALL: 23350 lm

Illumination: ALL: 408 Lux; R: 140 Lux; G: 384 Lux; B: 61 Lux; A: 509 Lux; C: 61 Lux

@5M

CRI: Ra≥90

R9: ≥90

Main wave length: R: 622nm; G: 525nm; B: 458nm

Light source life: 20000 hours

Beam angle: 110°

Strobe: 0~20Hz

Dimmer: 4 Dimmer curve, 0~100% dimming

Controls

Power connection: Waterproof POWERCORN input; the max links 9sets@230V

Signal connection: Waterproof 3-pins DMX signal cables in /out, The max links 32pcs;

Waterproof network signal input and output

Power factors: 0.95 @230V

Control mode: Art-net/DMX512/RDM

DMX Channels: 7/15/21/39/112/17/33/65/68/117CH

Display: OLED

Refresh frequency: 600Hz/1200 Hz/2000 Hz/4000 Hz/6000 Hz/25KHz

Pixel matrix: White 16* Color 32

Construction

Protection rate: IP65

Working conditions: -10°~45°

Heat dissipation: Waterproof and low-noise fan to force heat dissipation

Housing: Die-cast magnesium-based aluminum alloy; black

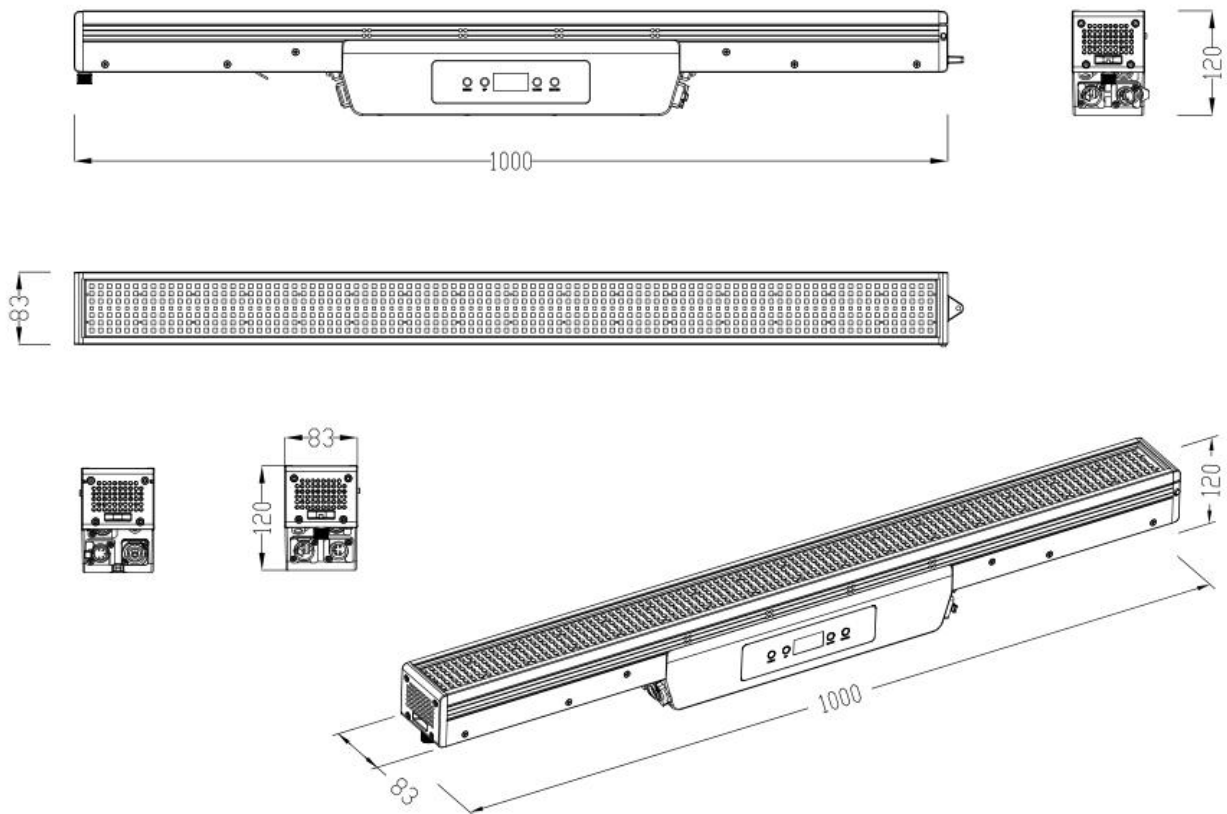
Install mode: Side, hanging

Weight&Dimension

Products size: 1000×120×83 mm

Weight : Net: 7.10Kg(Clamps and quick lock not included)

SIZE DRAWING



1. Safety instructions



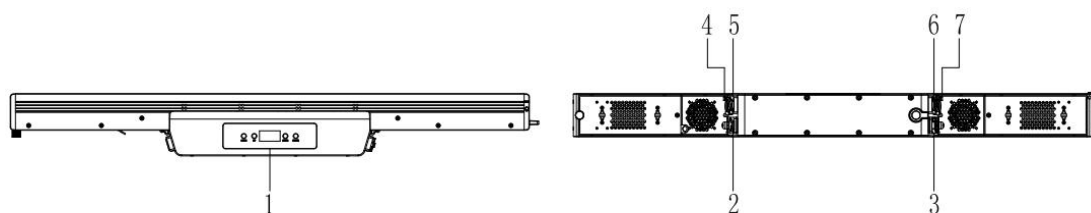
Cautions

All products are well packaged when leaving the factory, please follow the user manual, Human fault cause is not covered by the warranty.

- The light source in this fixture shall be replaced by the manufacturer or its service agent or someone with similar qualifications. If the external soft cable or soft cable of this lamp is damaged, the cable shall be replaced by a qualified person of the manufacturer or its service agent to avoid the danger.
- After receiving the lamp, please open and check whether it has damage caused by transportation. If there is damage, do not use the fixture and quickly contact manufacturer or the agent.
- This product is suitable for indoor use, its protection grade is IP65, the fixture should be kept clean, to avoid using in a wet or excessive dust environment, should be carried out once every three months: maintenance.
- Qualified professionals may install, operate and repair the fixtures and ensure and operate in strict accordance with the procedures described in this instruction.
- The fixture shall be installed in a well ventilated place with at least 50CM away from the wall and check the ventilation holes. Don't look straight at light Source, to avoid causing damage to the eyes.

- Please do not open the fixture for self-repair.
- The part of the electrical connection must be operated by qualified installers.
- Each light shall be safely grounded and electricity-installed according to the relevant standards.
- Do not use the power cord with damaged insulation layer, and do not put the power cord on other wires, when the fixtures are not used or clean Please unplug the power cord, do not unplug or drag the power cord directly.
- If the back cover of the lamp is equipped with a safety buckle or connection hole, based on safety reasons, please use the safety rope through the connection hole for auxiliary lifting.
- After full power work for 10 minutes, the surface of the light is about 40 degrees, and the stable temperature of the light surface should be about 70 degrees.
- There are no parts inside the lamp, please check if all parts are well connected, Whether the screw is reliable or not.
- If you have any questions, don't hesitate to consult your dealer or manufacturer.

2. Control Panel



1. Panel operation keys: mode、UP、Down、Enter

2. Power input: Waterproof POWER CON power cables Input : 100-240V 50/60HZ

3. Power output: Waterproof POWER CON power cables output : 100-240V 50/60HZ

4. ART-NET input: Connect network input

5. DMX input: 3-Pin DMX Waterproof signal cables input

6. DMX Output: 3-Pins DMX Waterproof signal cables output

7. ART-NET output: Connect network output

The specific operations of the panel functions are shown as follows:

The display panel function description

Keys	Explain	Function
MENU	MENU CHOOSING	MENU OPERATION
UP	To the previous option	parameter increase
DOWN	To the latter option	parameter decrease
ENTER	Confirm selected	Parameter save

Accessories	
Standard	Power cable 1PCS; Manual 1PCS
Optional	Soft Filter 1 PCS; 60° Grid 1 PCS; Light bandoor 1 PCS

3.Menu functions

Menu					
N O	Main Menu	Menu level 2	Menu level 3	Menu level 4	
1	DMX Address	<001>			Default: 001
2	DMX Channel	7Ch	Preset CCTS		Default: 15Ch
			Manual Color Mixer		
		15Ch			
		21Ch			
		39Ch			
		112Ch			
		17Ch			
		33Ch			
		65Ch			
		68Ch			
		117Ch			
		70Ch			
3	Static	Preset CCTS	2800K	Dimmer<0-100> Hue<-25~25>	Default: 2800K
			2900K		
			3000K		
			3100K		
			3200K		
					
					
					
			5300K		
			5400K		
			5500K		
			5700K		
			6000K		
			6500K		
			7000K		
			7500K		
			8000K		
		Manual Color Mixer	Red	<0-255>	Default: all=255
			Green	<0-255>	
			Blue	<0-255>	
			White	<0-255>	

4.Menu list (continue)

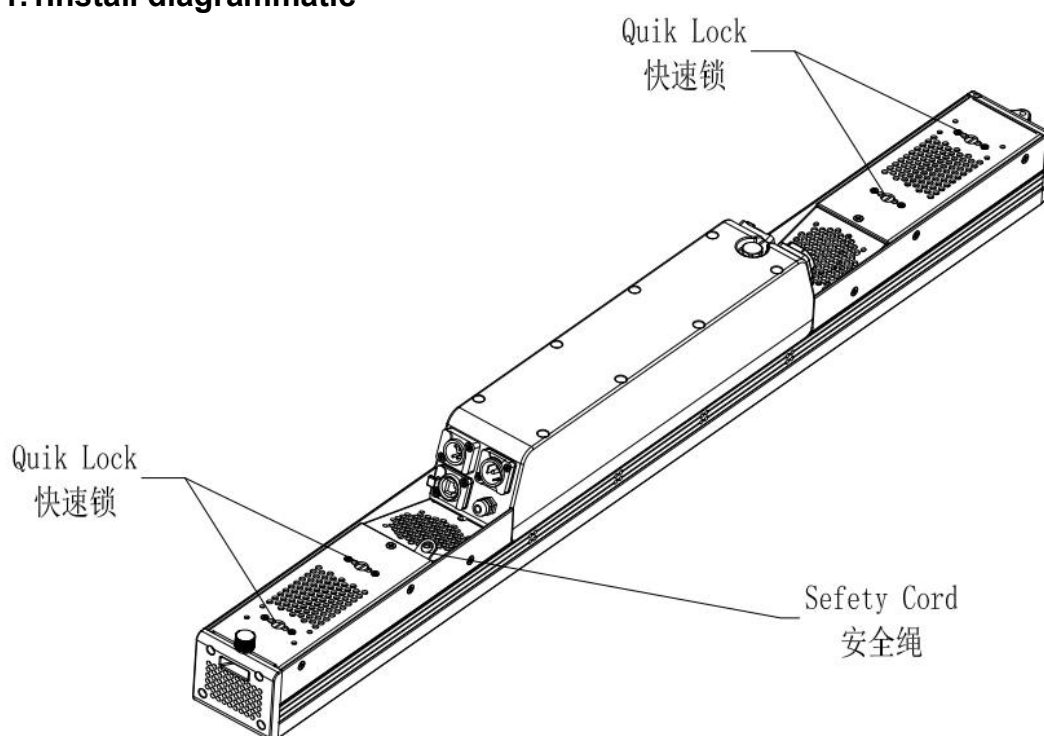
Menu					
NO	Main Menu	Menu level 2	Menu level 3		Menu level 4
1	DMX Address	<001>			Default: 001
2	DMX Channel	7Ch	Preset CCTS		
			Manual Color Mixer		
		15Ch			
		21Ch			
		39Ch			
		112Ch			
		17Ch			
		33Ch			
		65Ch			
		68Ch			
		117Ch			
		70Ch			
3	Static	Preset CCTS	2800K		Dimmer<0-100> Hue<-25~25>
			2900K		
			3000K		
			3100K		
			3200K		
					
					
					
			5300K		
			5400K		
			5500K		
			5700K		
			6000K		
			6500K		
			7000K		
			7500K		
			8000K		
Green	<0-255 >				
Blue	<0-255 >				
White	<0-255 >				
4	Effect Macros	Auto1 Auto2 Auto3 Auto4 Auto5 Auto6 Auto7 Auto8 Auto9 Auto10 Auto11 Auto12 Auto13	Speed<1-100>		
			Foreground	Black	
				R	
				G	
				B	
				W	
				GB	
				RB	
				RG	
				RGB	
				RW	
				GW	
				BW	

		Auto14 Auto15 Auto16 Auto17 Auto18 Auto19 Auto20 Auto21 Auto22 Auto23			RGW	
					RBW	
					GBW	
					RGBW	
					Black	
					R	
			Background		G	
					B	
					W	
					GB	
					RB	
					RG	
					RGB	
GW						
BW						
RGW						
RBW						
GBW						
RGBW						
5	Master/Slave	Master				Default: Slave
Slave						
6	Dimmer	S Curve				Default: Linear
	Curve	Linear				
		Square				
		Inverse Square				
		7				
Dimmer1						
Dimmer2						
Dimmer3						
8	Color Calibration	Off				Default:Factory Calibration
		User Calibration	Red	<0-255 >		
			Green	<0-255 >		
			Blue	<0-255 >		
			White	<0-255 >		
		Factory Calibration				
9	LED Frequency	600Hz				Default:1200Hz
		1200Hz				
		2000Hz				
		4000Hz				
		6000Hz				
		25KHz				
10	Fan Mode	Auto				Default:Auto
		On				
		Off				
		Silent				
11	Back Light	10S				Default:2Min

		30S			
		2Min			
		Always On			
12	Ethernet Setting	Protocol	Only Art-Net Art-Net+DMX		Default: Only Art-Net
		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
		Ethernet To DMX	No Yes		
13	Mapping Reverse	Off			Default: Off
		On			
14	Language	English			
		Chinese			
15	Information	Fixture Hours	65000H		
		LED Hours	65000H		
		Disp Version	V1.0		
		Drv Version	V0.10		
		UID:	030F0940****		
16	Factory Reset	No			Default:No

5.Install and connection

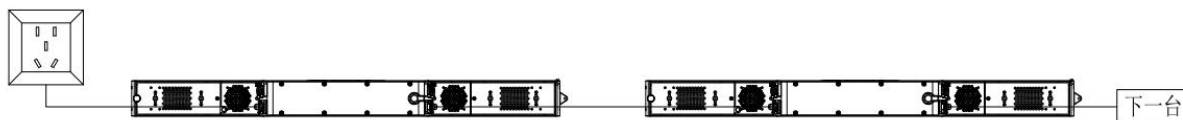
5.1.1Install diagrammatic



5.1.2 Cautions

Please review the Safety instructions carefully before running the fixture

5.2 Power Connection



POWER IN



POWER OUT

The fixture use Power con in
Input power cable hand in hand
Note: Due to power, use 1.5 square power cables
The max 9set linked together

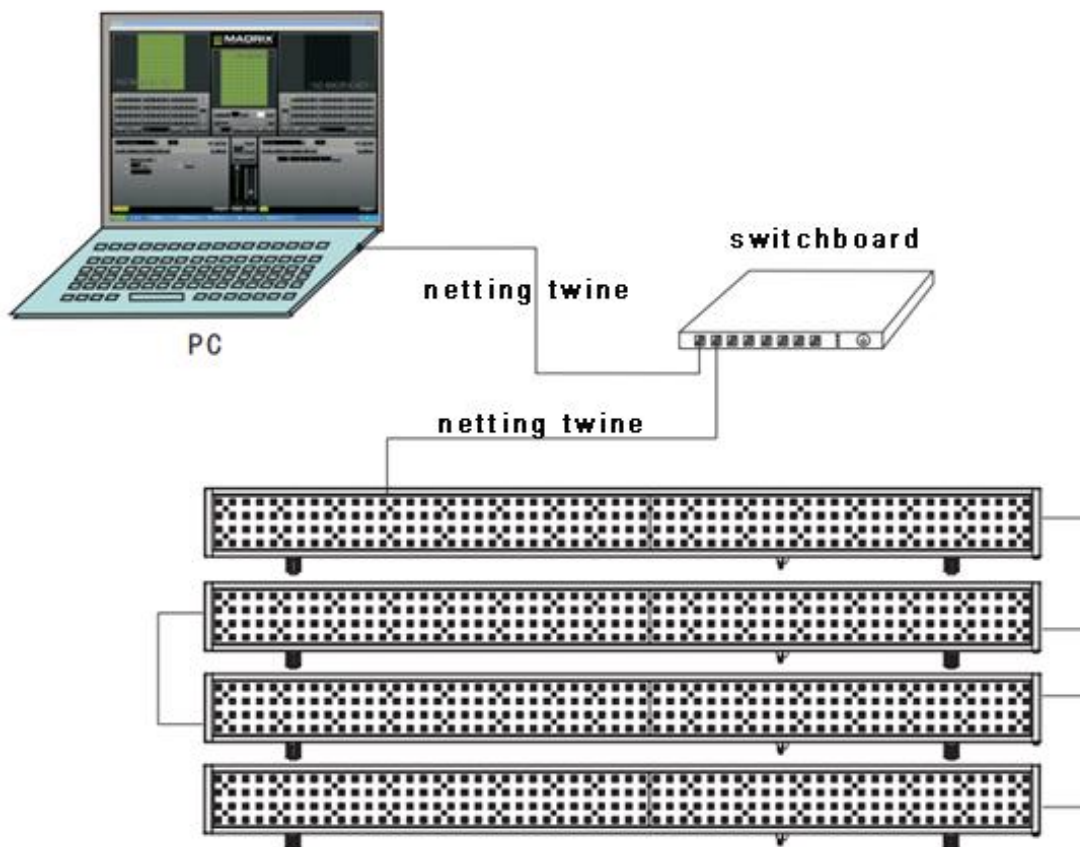


Caution

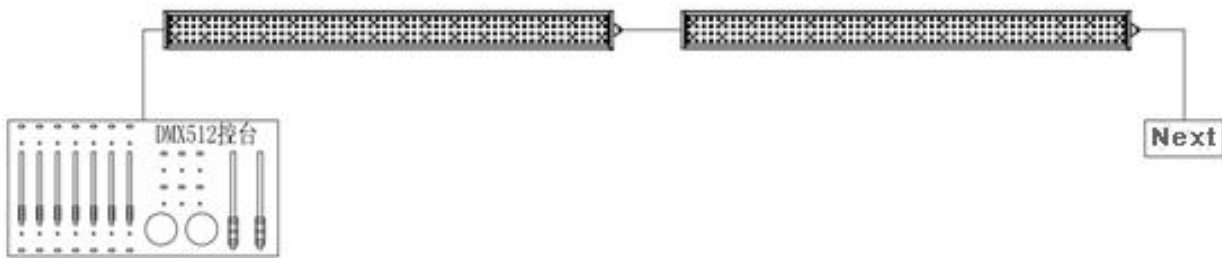
Do not connect too many fixtures, or overload the work with a single power cable.
Do not use the power cables that damaged insulation, and do not put the power cables on other wires.
Power off when the fixture is not used or clean.
Do not unplug or drag the power cables.

5.3 Signal connection

Net Connection



DMX Connection



DMX connection



In order to reduce signal errors and avoid signal weakening and interference during transmission, a 120 ohm 0.25W resistance can be added between the pins of 2 and 3 at the DMX output of the last fixture.

Connect the fixtures with the XLR signal line, one end is connected to the output port of the light, and the other end is connected to the input port of the next light. Signal lines can only be used in series, not in parallel.

Because the DMX512 signal transmission speed is very fast, when the signal cables is damaged, the welding place is not strong, the contact is not good, will affect the signal transmission, resulting in the system closed.

When the power of a unit is disconnected, the connection between the DMX output and input is bypassed to maintain the connection of the DMX.

Each light should have an address code that can receive information from the console.

DMX512 system need to be equipped with a terminal part to reduce errors in signal transmission.

DMX address settings

Channels	Address code	1 st Add. code	2 nd Add. code	3 rd Add. code	4 th Add. code
7CH	001-007	001	008	015	022
15CH	001-015	001	016	031	046
21CH	001-021	001	022	043	064
39CH	001-039	001	040	079	118
112CH	001-112	001	113	225	337
17CH	001-017	001	018	035	052
33CH	001-033	001	034	067	0100
65CH	001-065	001	066	131	196
68CH	001-068	001	069	137	205
117CH	001-117	001	118	235	352

(See above) Number of fixtures added from the fourth set; address code according to channel, and so on.

5.4.1 Channel list

DMX Channel(-)				
7CH	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%	
5	Dimmer Intensity	000-004	No function	
		005-255	Dimmer Intensity: Intensity 0 to 100%	
6	Dimmer Fine	000-255	Dimmer Fine: 0 to 100%	
7	FROST	000-255	FROST: 0 to 100%	

15CH	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%	
5	Color	000-255		
6	Dimmer Intensity	000-004	No function	
		005-255	Dimmer Intensity: Intensity 0 to 100%	
7	Dimmer Fine	000-255	Dimmer Fine: 0 to 100%	
8	Strobe Duration	000-255		
9	Strobe Rate	000-006	Blackout	
		007-255	Strobe Rate	
10	Effect Macro	000-005	No effect	
		006-050	Ramp up	
		051-100	Ramp down	
		101-150	Ramp up-down	
		151-200	Lightning	
		201-255	Random	
11	Backlight Macro	000-023	No function	
		024-031	Macro1	
		032-039	Macro2	

		040-047	Macro3	
		048-055	Macro4	
		056-063	Macro5	
		064-071	Macro6	
		072-079	Macro7	
		080-087	Macro8	
11	Backlight Macro	088-095	Macro9	
		096-103	Macro10	
		104-111	Macro11	
		112-129	Macro12	
		130-137	Macro13	
		138-145	Macro14	
		146-153	Macro15	
		154-161	Macro16	
		162-169	Macro17	
		170-177	Macro18	
		178-185	Macro19	
		186-193	Macro20	
		194-201	Macro21	
		202-209	Macro22	
		210-217	Macro23	
		218-223	Macro24	
		224-231	Macro25	
		232-239	Macro26	
		240-247	Macro27	
		248-255	Macro28	
12	Mainlight Macro	000-090	No function	
		091-105	Macro1	
		106-120	Macro2	
		121-135	Macro3	
		136-150	Macro4	
		151-165	Macro5	
		166-180	Macro6	
		181-195	Macro7	
		196-210	Macro8	
		211-225	Macro9	
		226-240	Macro10	
		241-255	Macro11	
13	Macro_Speed	000-255	Macro_Speed	
14	Fade	000-255	Fade	
15	FROST	000-255	FROST:0 to 100%	

21CH	Function	Value	Percent/Setting	Remark
1	Red	000-255	0-100%	
2	Green	000-255	0-100%	
3	Blue	000-255	0-100%	
4	Color	000-255		
5	Dimmer Intensity	000-004	No function	
		005-255	Dimmer Intensity: Intensity 0 to 100%	
6	Dimmer Fine	000-255	Dimmer Fine: 0 to 100%	
7	Strobe Duration	000-255	Strobe Duration	
8	Strobe Rate	000-006	Blackout	
		007-255	Strobe Rate	

9	Effect Macro	000-005	No effect	
		006-050	Ramp up	
		051-100	Ramp down	
		101-150	Ramp up-down	
		151-200	Lightning	
		201-255	Random	
10	Backlight Macro	000-023	No function	
		024-031	Macro1	
		032-039	Macro2	
		040-047	Macro3	
		048-055	Macro4	
		056-063	Macro5	
		064-071	Macro6	
		072-079	Macro7	
		080-087	Macro8	
		088-095	Macro9	
		096-103	Macro10	
		104-111	Macro11	
		112-129	Macro12	
		130-137	Macro13	
		138-145	Macro14	
		146-153	Macro15	
		154-161	Macro16	
		162-169	Macro17	
		170-177	Macro18	
		178-185	Macro19	
		186-193	Macro20	
		194-201	Macro21	
		202-209	Macro22	
		210-217	Macro23	
		218-223	Macro24	
		224-231	Macro25	
		232-239	Macro26	
		240-247	Macro27	
		248-255	Macro28	
11	Macro_Speed	000-255		
12	RGB_Fade	000-255		
13	Dimmer Intensity	000-004	No function	
		005-255	Dimmer Intensity: Intensity 0 to 100%	
14	Dimmer Fine	000-255	Dimmer Fine: 0 to 100%	
15	Strobe Duration	000-255	Strobe Duration	
16	Strobe Rate	000-006	Blackout	
		007-255	Strobe Rate	
17	Effect Macro	000-005	No effect	
		006-050	Ramp up	
		051-100	Ramp down	
		101-150	Ramp up-down	
		151-200	Lightning	
		201-255	Random	
18	Mainlight Macro	000-090	No function	
		091-105	Macro1	
		106-120	Macro2	
		121-135	Macro3	
		136-150	Macro4	
		151-165	Macro5	

		166-180	Macro6	
		181-195	Macro7	
		196-210	Macro8	
		211-225	Macro9	
		226-240	Macro10	
		241-255	Macro11	
19	Macro_Speed	000-255		
20	White_Fade	000-255		
21	FROST	000-255		

39CH	Function	Value	Percent/Setting	Remark
1	Red1	000-255	0-100%	
2	Green1	000-255	0-100%	
3	Blue1	000-255	0-100%	
4	Red2	000-255	0-100%	
5	Green2	000-255	0-100%	
6	Blue2	000-255	0-100%	
7	Red3	000-255	0-100%	
8	Green3	000-255	0-100%	
9	Blue3	000-255	0-100%	
10	Red4	000-255	0-100%	
11	Green4	000-255	0-100%	
12	Blue4	000-255	0-100%	
13	Red5	000-255	0-100%	
14	Green5	000-255	0-100%	
15	Blue5	000-255	0-100%	
16	Red6	000-255	0-100%	
17	Green6	000-255	0-100%	
18	Blue6	000-255	0-100%	
19	Red7	000-255	0-100%	
20	Green7	000-255	0-100%	
21	Blue7	000-255	0-100%	
22	Red8	000-255	0-100%	
23	Green8	000-255	0-100%	
24	Blue8	000-255	0-100%	
25	Dimmer Intensity	000-004	No function	
		005-255	Dimmer Intensity: Intensity 0 to 100%	
26	Dimmer Fine	000-255	Dimmer Fine: 0 to 100%	
27	Strobe Duration	000-255		
28	Strobe Rate	000-006	Blackout	
		007-255	Strobe Rate	
29	Effect Macro	000-005	No effect	
		006-050	Ramp up	
		051-100	Ramp down	
		101-150	Ramp up-down	
		151-200	Lightning	
		201-255	Random	
30	White1	000-255	0-100%	
31	White2	000-255	0-100%	
32	White3	000-255	0-100%	
33	White4	000-255	0-100%	
34	Dimmer Intensity	000-004	No function	

		005-255	Dimmer Intensity: Intensity 0 to 100%	
35	Dimmer Fine	000-255	Dimmer Fine: 0 to 100%	
36	Strobe Duration	000-255		
37	Strobe Rate	000-006	Blackout	
		007-255	Strobe Rate	
38	Effect Macro	000-005	No effect	
		006-050	Ramp up	
		051-100	Ramp down	
		101-150	Ramp up-down	
		151-200	Lightning	
		201-255	Random	
39	FROST	000-255		

112CH	Function	Value	Percent/Setting	Remark
1	Red1	000-255	0-100%	
2	Green1	000-255	0-100%	
3	Blue1	000-255	0-100%	
4	Red2	000-255	0-100%	
5	Green2	000-255	0-100%	
6	Blue2	000-255	0-100%	
7	Red3	000-255	0-100%	
8	Green3	000-255	0-100%	
9	Blue3	000-255	0-100%	
10	Red4	000-255	0-100%	
11	Green4	000-255	0-100%	
12	Blue4	000-255	0-100%	
13	Red5	000-255	0-100%	
14	Green5	000-255	0-100%	
15	Blue5	000-255	0-100%	
16	Red6	000-255	0-100%	
17	Green6	000-255	0-100%	
18	Blue6	000-255	0-100%	
...				
94	Red32	000-255	0-100%	
95	Green32	000-255	0-100%	
96	Blue32	000-255	0-100%	
97	White1	000-255	0-100%	
98	White2	000-255	0-100%	
99	White3	000-255	0-100%	
100	White4	000-255	0-100%	
...				
112	White16	000-255	0-100%	

17CH	Function	Value	Percent/Setting	Remark
1	Red1	000-255	0-100%	
2	Green1	000-255	0-100%	
3	Blue1	000-255	0-100%	
4	Red2	000-255	0-100%	
5	Green2	000-255	0-100%	
6	Blue2	000-255	0-100%	

7	Red3	000-255	0-100%	
8	Green3	000-255	0-100%	
9	Blue3	000-255	0-100%	
10	Red4	000-255	0-100%	
11	Green4	000-255	0-100%	
12	Blue4	000-255	0-100%	
13	White1	000-255	0-100%	
14	White2	000-255	0-100%	
15	White3	000-255	0-100%	
16	White4	000-255	0-100%	
17	FROST	000-255		

33CH	Function	Value	Percent/Setting	Remark
1	Red1	000-255	0-100%	
2	Green1	000-255	0-100%	
3	Blue1	000-255	0-100%	
4	Red2	000-255	0-100%	
5	Green2	000-255	0-100%	
6	Blue2	000-255	0-100%	
7	Red3	000-255	0-100%	
8	Green3	000-255	0-100%	
9	Blue3	000-255	0-100%	
10	Red4	000-255	0-100%	
11	Green4	000-255	0-100%	
12	Blue4	000-255	0-100%	
13	Red5	000-255	0-100%	
14	Green5	000-255	0-100%	
15	Blue5	000-255	0-100%	
16	Red6	000-255	0-100%	
17	Green6	000-255	0-100%	
18	Blue6	000-255	0-100%	
19	Red7	000-255	0-100%	
20	Green7	000-255	0-100%	
21	Blue7	000-255	0-100%	
22	Red8	000-255	0-100%	
23	Green8	000-255	0-100%	
24	Blue8	000-255	0-100%	
25	White1	000-255	0-100%	
26	White2	000-255	0-100%	
27	White3	000-255	0-100%	
28	White4	000-255	0-100%	
29	White5	000-255	0-100%	
30	White6	000-255	0-100%	
31	White7	000-255	0-100%	
32	White8	000-255	0-100%	
33	FROST	000-255		

65CH	Function	Value	Percent/Setting	Remark
1	Red1	000-255	0-100%	
2	Green1	000-255	0-100%	
3	Blue1	000-255	0-100%	
4	Red2	000-255	0-100%	
5	Green2	000-255	0-100%	

6	Blue2	000-255	0-100%	
7	Red3	000-255	0-100%	
8	Green3	000-255	0-100%	
9	Blue3	000-255	0-100%	
10	Red4	000-255	0-100%	
11	Green4	000-255	0-100%	
12	Blue4	000-255	0-100%	
13	Red5	000-255	0-100%	
14	Green5	000-255	0-100%	
15	Blue5	000-255	0-100%	
16	Red6	000-255	0-100%	
17	Green6	000-255	0-100%	
18	Blue6	000-255	0-100%	
...				
46	Red16	000-255	0-100%	
47	Green16	000-255	0-100%	
48	Blue16	000-255	0-100%	
49	White1	000-255	0-100%	
50	White2	000-255	0-100%	
51	White3	000-255	0-100%	
52	White4	000-255	0-100%	
...				
64	White16	000-255	0-100%	
65	FROST	000-255		

68CH	Function	Value	Percent/Setting	Remark
1	Dimmer	000-004	No function	
		005-255	Dimmer	
2	Backlight Strobe Effect	000-007	No Effect	
		008-127	Strobe	
		128-130	No Effect	
		131-250	Random	
		251-255	No Effect	
3	Mainlight Strobe Effect	000-007	No Effect	
		008-127	Strobe	
		128-130	No Effect	
		131-250	Random	
		251-255	No Effect	
4	FROST	000-255		
5	Red1	000-255	0-100%	
6	Green1	000-255	0-100%	
7	Blue1	000-255	0-100%	
8	Red2	000-255	0-100%	
9	Green2	000-255	0-100%	
10	Blue2	000-255	0-100%	
11	Red3	000-255	0-100%	
12	Green3	000-255	0-100%	
13	Blue3	000-255	0-100%	
14	Red4	000-255	0-100%	
15	Green4	000-255	0-100%	
16	Blue4	000-255	0-100%	
17	Red5	000-255	0-100%	
18	Green5	000-255	0-100%	
19	Blue5	000-255	0-100%	
20	Red6	000-255	0-100%	

21	Green6	000-255	0-100%	
22	Blue6	000-255	0-100%	
...				
50	Red16	000-255	0-100%	
51	Green16	000-255	0-100%	
52	Blue16	000-255	0-100%	
53	White1	000-255	0-100%	
54	White2	000-255	0-100%	
55	White3	000-255	0-100%	
56	White4	000-255	0-100%	
...			...	
68	White16	000-255	0-100%	

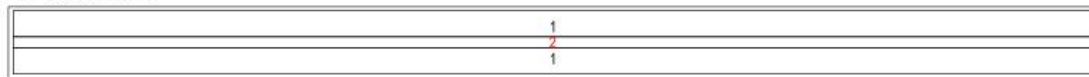
117CH	Function	Value	Percent/Setting	Remark
1	Dimmer	000-004	No function	
		005-255	Dimmer	
2	Strobe Duration	000-255		
3	Strobe Rate	000-006	Blackout	
		007-255	Strobe Rate	
4	Effect Macro	000-005	No effect	
		006-050	Ramp up	
		051-100	Ramp down	
		101-150	Ramp up-down	
		151-200	Lightning	
		201-255	Random	
5	FROST	000-255		
6	Red1	000-255	0-100%	
7	Green1	000-255	0-100%	
8	Blue1	000-255	0-100%	
9	Red2	000-255	0-100%	
10	Green2	000-255	0-100%	
11	Blue2	000-255	0-100%	
12	Red3	000-255	0-100%	
13	Green3	000-255	0-100%	
14	Blue3	000-255	0-100%	
15	Red4	000-255	0-100%	
16	Green4	000-255	0-100%	
17	Blue4	000-255	0-100%	
18	Red5	000-255	0-100%	
19	Green5	000-255	0-100%	
20	Blue5	000-255	0-100%	
21	Red6	000-255	0-100%	
22	Green6	000-255	0-100%	
23	Blue6	000-255	0-100%	
...				
99	Red32	000-255	0-100%	
100	Green32	000-255	0-100%	
101	Blue32	000-255	0-100%	
102	White1	000-255	0-100%	
103	White2	000-255	0-100%	
104	White3	000-255	0-100%	
105	White4	000-255	0-100%	
...				
117	White16	000-255	0-100%	

70CH	Function	Value	Percent/Setting	Remark
1	Dimmer	000-004	No function	
		005-255	Dimmer	
2	Backlight Strobe Effect	000-007	No Effect	
		008-127	Strobe	
		128-130	No Effect	
		131-250	Random	
		251-255	No Effect	
3	Mainlight Strobe Effect	000-007	No Effect	
		008-127	Strobe	
		128-130	No Effect	
		131-250	Random	
		251-255	No Effect	
4	FROST	000-255		
5	Red1	000-255	0-100%	
6	Green1	000-255	0-100%	
7	Blue1	000-255	0-100%	
8	Red2	000-255	0-100%	
9	Green2	000-255	0-100%	
10	Blue2	000-255	0-100%	
11	Red3	000-255	0-100%	
12	Green3	000-255	0-100%	
13	Blue3	000-255	0-100%	
14	Red4	000-255	0-100%	
15	Green4	000-255	0-100%	
16	Blue4	000-255	0-100%	
17	Red5	000-255	0-100%	
18	Green5	000-255	0-100%	
19	Blue5	000-255	0-100%	
20	Red6	000-255	0-100%	
21	Green6	000-255	0-100%	
22	Blue6	000-255	0-100%	
...				
50	Red16	000-255	0-100%	
51	Green16	000-255	0-100%	
52	Blue16	000-255	0-100%	
53	White1	000-255	0-100%	
54	White2	000-255	0-100%	
55	White3	000-255	0-100%	
56	White4	000-255	0-100%	
...				
68	White16	000-255	0-100%	
69	RGB_Fade	000-255		
70	White_Fade	000-255		

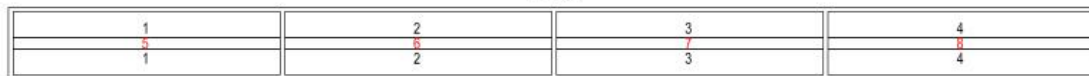
Pixels segment chart

LED区块分布图

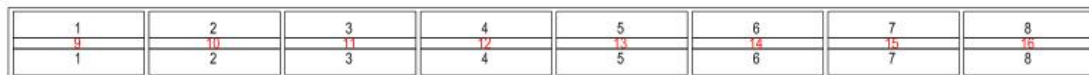
7/15/21CH



17CH



33/39CH



70/65/68CH



112/117CH



Trouble shooting

Problems	Problems reason	Settlement
No menu display	1. No AC input 2. The switch power is damaged 3. Display board failure	1. Check the power supply 2. Check the switch power supply for a voltage output 3. Replace the display board
DMX signal failed ,no input /output	1.DMX signal is not good 2. signal cables sequence is wrong 3. The signal input receives the signal IC is damaged 4.DMX The address code setting does not match the control corresponding to the console 5. Other parameters are not set correctly 6. After entering the menu, you did not press the confirmation key or the MENU key to exit to the main menu	1. Check or replace the signal line 2. Check the wiring sequence of the signal cables 3. Check the display board signal receiving IC and two resistors that string on the signal line for open circuit 4. Check, or reset, the address code Or restore the factory settings before testing 5. Press MENU to exit to the main menu
Light housing surface temperature > 75°, Temperature control protection cannot be performed	1. Thermistor failure on the light bead board 2. The temperature control circuit on the display board has failed	1. Replace the thermistor 2. Check the temperature control circuit on the main board
The mixed color is not uniform, there are uneven spots	1. The Led bead welding is not correct 2. Lens or brackets are not mounted in right way	1. Check the leds welding condition 2. Check the lens assembly process and adjust the bracket assembly direction
The Led beads are not light or flicker a little	The Led is damaged or the drive board has no current output	1. Replace the Leds 2. Replace the damaged Leds or check the drive board circuit 3. Replace the corresponding driver IC

The parameter is not saved	IC for storage parameters	Replace storage IC
The fixture does not work in power	When the temperature is too high, the temperature control protection causes the switching power supply over-temperature protection does not work	Wait for the light body to cool down before turning on

REMARK

The product has perfect performance and integrity packing.

All users should be strictly comply with the warning and operating instructions as stated.

Or we aren't in charge of any result by misusing.

Any damage resulting by misuse is not within the Company's warranty.

Any fault or problem caused by neglecting the manual is also not in the charge of dealers.

Errors and omissions for every information given in this manual excepted.

All information is subject to change without prior notice.