
Waterproof shaking strobe light



**This product manual contains important information about safe installation
Use of light. Please read carefully and follow the instructions for use, and store
properly.
Keep the instruction manual in a safe place for future reference.**

1. Safety Instructions

After receiving the lamp, please open it to check for any damage caused by transportation. If there is any damage caused by transportation, do not use this device and contact your dealer or manufacturer as soon as possible.

The projector is suitable for both indoor and outdoor use, IP65.

Do not install the lamp directly on flammable surfaces.

This fixture is for installation, operation and maintenance by qualified personnel only.

Do not project the beam onto flammable surfaces at a minimum distance of 3 meters.

Avoid direct exposure to the light of the lamp. Light is bad for the eyes. Do not attempt to disassemble and/or modify the projection in any way.

Electrical connections must be done by qualified personnel.

Before installation, ensure that the voltage and frequency of the power supply match the power requirements of the fixture.

Each projector must be properly grounded and the electrical installation must comply with all relevant standards.

Do not connect this device to any other type of dimmer device.

The projector should always be mounted with a level 2 safety fixture. A safety rope is provided for this purpose and it should be connected in the manner shown in the section "Installing the Projector".

If the shield and lens are obviously damaged, they should be replaced

Beyond the extent of damage to its effectiveness, such as cracks or deep scratches.

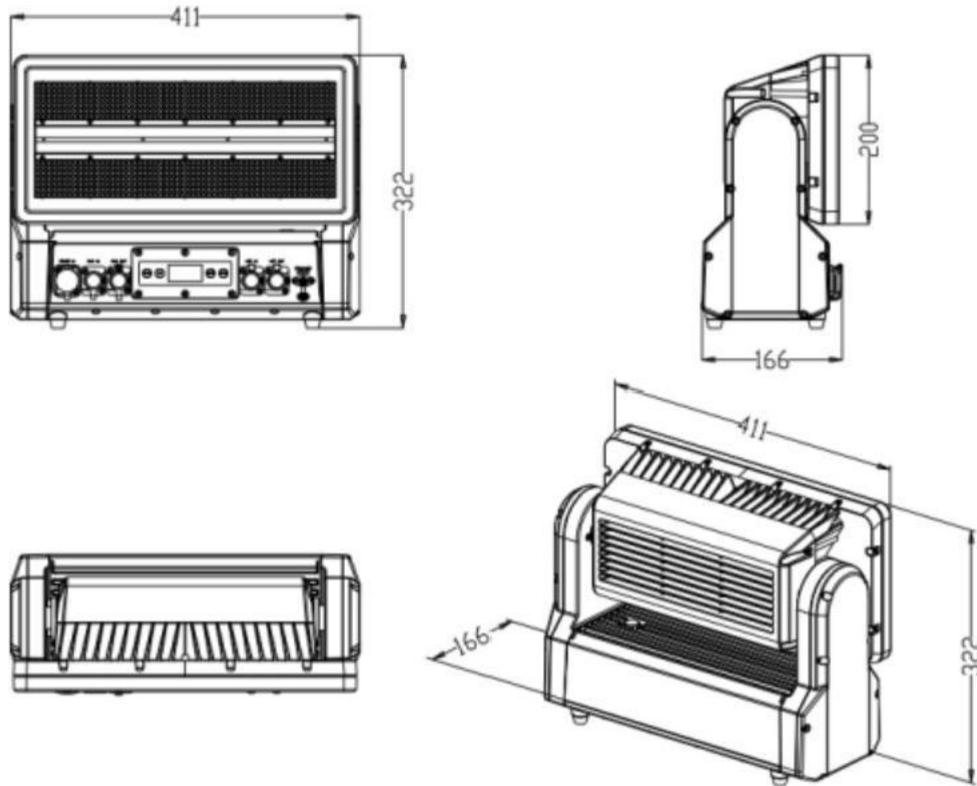
The outer surface temperature of the lamp is 45°C after it has been running for 5 minutes, and it reaches 70°C when it reaches a stable state. There are no user repairable parts inside the lamp

Projector, do not open the casing, and do not operate the lamp without the cover.

There are no user-repairable parts inside this lamp. Please check if all covers are installed and the screws are tightened. Do not use the lamp cover (or housing) to open the lamp.

If you have any questions, do not hesitate to consult your dealer or manufacturer.

2. Size



3. Lighting parameters

3.1. Technical data sheet

Optical parameters	
Light source	1.56W white 392pcs 2835 beam, 1W RGB3 in 1784PC 5050 lamp beads
Color temperature	6000K
Whole machine light output	R:5480Lm; G:11760Im; B:1560Im; W:45000Im; ALL:63880Im
Illumination	ALL:/Lux; R:/Lux; G:/Lux; B:/Lux; W:/Lux; @5m
Color rendering index	Ra $\geq$ 90
R9	$\geq$ 90
Main wavelength	R:622nm; G:525nm; B:457nm
Light source lifespan	50000H
Beam Angle	110 °
Dynamic effects	
Pass pulse	0-20HZ
Dimming	Four dimming curves, 0-100% dimming
Electronic	

parameters	
Input voltage and frequency	100-240VAC, 50-60HZ
Power	Stroboscopic 1400W
Power connection	Waterproof POWERCORN input;
Signal connection	Waterproof 3/5-core DMX signal line input/output, maximum number of connections 32; Waterproof network signal input/output
Power factor	0.95 @ 230 v
Working environment	- 10 ° to 45 °
Switching power supply	100-240VAC, 50-60HZ, 28V 800W
Structural parameters	
Size	Product dimensions: 494×316×160mm
Weight	Net weight: 13.68Kg (excluding clamps and quick locks)
Degree of protection	IP65
Cooling system	Waterproof low-noise fan forced cooling
Shell	Aluminium alloy, black
Installation	Side-mounted and suspended installation
Control	
Control methods	Art-net / DMX512 / RDM
DMX channel	8/11/13/2430/74/97CH
Show	TFT
Refresh rate	600Hz/1200Hz/2000Hz/4000Hz/6000Hz/25KHz
Pixel matrix	White light 2*14, RGB2*7
Accessories	
Standards	Standard power cord 1PC, manual power cord 1PC
Optional	

4. Menu function

Main level		Levels
1	Agreement	DMX512 AUTO sACN Art-Net
2	DMX address	1-512

3	DMX channel	8CH 11CH 13CH 24CH 30CH 47CH 68CH 74CH 97CH		
4	Static	Fix the color	R G B GB RB RG RGB	
		Manual color	red green blue	0-255
5	Scene	Scene 1-9		
6	White light frequency brightness	0-255		
7	Stroboscopic duration	0-255		
8	Strobe speed	0-255		
9	Y-axis	0-255		
10	Y-axis calibration	Adjust the reset position of the Y-axis motor to compensate for errors in hardware installation. The adjustment range is -128 to +127, and +0 indicates no adjustment.		
11	Reverse Y-axis	Yes/No		
12	Light board reverse	Light board 1 reverse Light panel 2 is reversed Tube 1 reverse Tube 2 reverse		
13	LED swap	Light board swap		
		Tube swap		
14	Master-slave Settings	Host Slave		
15	Dimming mode	Off Mode 1 Pattern 2 Pattern 3		

16	White balance	On/Off R G B
17	LED frequency	600Hz 25KHz 6000Hz 4000Hz 2000Hz 1200Hz
18	Fan mode	Auto open
19	Show reverse	Yes/No
20	Backlight	2 minutes 30 seconds 10 seconds Chang Liang
21	Language	Chinese/English
22	Key lock	On/Off
23	Ethernet Settings	The domain IP Subnets
24	Information	Ver Lamp bead temperature System error
25	Factory Settings	Press the OK key twice to restore the factory Settings

DMX address code Settings

CH	Add	The first address	Second address	The third address	The fourth address
8 ch	001-008	001	009	017	025
11 ch	001-011	001	012	023	034
13 ch	001-013	001	014	027	040
24 ch	001-024	001	025	049	063
30 ch	001-030	001	031	061	091
47 ch	001-047	001	048	095	142
68 ch	001-068	001	069	137	205
74 ch	001-074	001	075	149	223
97 ch	001-097	001	098	195	292

(See picture above) The number of lights to add after the fourth light; Address code is based on the channel.

Wait....

4.1.Channel table

97CH	Functions	Numerical	Effects
1	Tilt	000-255	0-100%
2	Tilt Fine	000-255	0-100%
3	Dimmer	000-255	0-100%
4	Color light board Dimmer	000-255	0-100%
5	Beam Dimmer	000-255	0-100%
6	Light board stroboscopic duration	000-009	Classic Shutter Mode: Disable duration control
		010-250	From slow to fast
		251-255	100% open, no flash/stroboscopic
7	Light board stroboscopic speed	000-009	100%
		010-250	From slow to fast
		251-255	100%
8	Beam stroboscopic duration	000-009	Classic Shutter Mode: Turn off duration control
		010-250	From slow to fast
		251-255	100% open, no flash/stroboscopic
9	Beam stroboscopic speed	000-009	100%
		010-250	From slow to fast
		251-255	100%
10	Light board pixel 1 red	000-255	0-100%
11	Light board pixel 1 green	000-255	0-100%
12	Light board pixel 1 blue	000-255	0-100%
13	Light board pixel 2 red	000-255	10-100%
14	Light board pixel 2 green	000-255	0-100%
15	Light board pixel 2 blue	000-255	0-100%
16	Plate pixel 3 red	000-255	0-100%
17	Light plate pixel 3 green	000-255	0-100%
18	Light board pixel 3 blue	000-255	0-100%
19	Light board pixel 4 red	000-255	0-100%
20	Light board pixel 4 green	000-255	0-100%
21	Light board pixel 4 blue	000-255	0-100%
22	Light board pixel 5 red	000-255	0-100%
23	The light board has a pixel of 5 and is green	000-255	0-100%
24	Light panel pixel 5 blue	000-255	0-100%
25	Light board pixel 6 red	000-255	0-100%
26	Light board pixel 6 green	000-255	0-100%
27	Light board pixel 6 blue	000-255	0-100%

28	Light board pixel 7 red	000-255	0-100%
29	Light board pixel 7 green	000-255	0-100%
30	Light board pixel 7 blue	000-255	0-100%
31	Light board pixel 8 red	000-255	0-100%
32	Light board 8 pixels green	000-255	0-100%
33	Light board 8 pixels blue	000-255	0-100%
34	Light board pixel 9 red	000-255	0-100%
35	Light board pixel 9 green	000-255	0-100%
36	Light board pixel 9 blue	000-255	0-100%
37	Light board pixel 10 red	000-255	0-100%
38	Light board pixel 10 green	000-255	0-100%
39	The light board has a pixel of 10 and is blue	000-255	0-100%
40	Light board pixel 11 red	000-255	0-100%
41	Light board pixel 11 green	000-255	0-100%
42	Light board pixel 11 blue	000-255	0-100%
43	Light board pixel 12 red	000-255	0-100%
44	Light board pixels 12 green	000-255	0-100%
45	Light board pixel 12 blue	000-255	0-100%
46	Light board pixel 13 red	000-255	0-100%
47	Light board pixel 13 green	000-255	0-100%
48	Light board pixel 13 blue	000-255	0-100%
49	Light panel pixel 14 red	000-255	0-100%
50	Light board pixel 14 green	000-255	0-100%
51	Light board pixel 14 blue	000-255	0-100%
52	Beam pixel 1	000-255	0-100%
53	Beam pixel 2	000-255	0-100%
54	Beam pixel 3	000-255	0-100%
55	Beam pixel 4	000-255	0-100%
56	Beam pixel 5	000-255	0-100%
57	Beam pixel 6	000-255	0-100%
58	Beam pixel 7	000-255	0-100%
59	Beam pixel 8	000-255	0-100%
60	Beam pixel 9	000-255	0-100%

61	Beam pixel 10	000-255	0-100%
62	Beam pixel 11	000-255	0-100%
63	Beam pixel 12	000-255	0-100%
64	Beam pixel 13	000-255	0-100%
65	Beam pixel 14	000-255	0-100%
66	Beam pixel 15	000-255	0-100%
67	Beam pixel 16	000-255	0-100%
68	Beam pixel 17	000-255	0-100%
69	Beam pixel 18	000-255	0-100%
70	Beam pixel 19	000-255	0-100%
71	Beam pixel 20	000-255	0-100%
72	Beam pixel 21	000-255	0-100%
73	Beam pixel 22	000-255	0-100%
74	Beam pixel 23	000-255	0-100%
75	Beam pixel 24	000-255	0-100%
76	Beam pixel 25	000-255	0-100%
77	Beam pixel 26	000-255	0-100%
78	Beam pixel 27	000-255	0-100%
79	Beam pixel 28	000-255	0-100%
80	Beam FX	000-005	No function
		006-042	Quick on and slow on flicker
		043-085	Fast-on slow-off stroboscopic
		086-128	Slow on and slow off stroboscopic
		129-171	Random pulse stroboscopic
		172-214	Lightning
		215-255	Random ordinary stroboscopic
81	View in front of the light board	000-000	No function
		001-002	White (2700k)
		003-004	White (3200k)
		005-006	White (4200k)
		007-008	White (5600k)
		009-010	White (8000k)
		011	blue G:0 W:0 R: 0 B: 255
		012-048	Green + / blue R: 0 G :+ B: 255 W: 0
		049	Cyan G:255 W:0 R: 0 B: 255
		050-086	Green/blue - G: 255 W: 0 R: 0 B: -
		087	green G:255 W:0 R: 0 B: 0
		088-124	Red + / green G: 255 W: 0 R: + B: 0
		125	yellow G: 255 R: 255 B: 0

			W: 0	
		126-162	Red/green - G: - W: 0	R: 255 B: 0
		163	red R: 255 B: 0	G: 0 W: 0
		164-200	Red/Blue + G: 0 W: 0	R: 255 B +
		201	Magenta G: 0 W: 0	R:255 B: 255
		202-238	Red/blue G: 0 W: 0	R: - B: 255
		239	blue G:0 W:0	R: 0 B: 255
		240-247	Color gradient from fast to slow	
		248-255	The color jumps from fast to slow	
82	The foreground of the light board is tinted with light	000-255	0-100%	
83	Light board background color	000-000	No Function	
		001-002	White (2700k)	
		003-004	White (3200k)	
		005-006	White (4200k)	
		007-008	White (5600k)	
		009-010	White (8000k)	
		011	blue G:0 W:0	R: 0 B: 255
		012-048	Green + / blue R: 0 G:+ B:255 W:0	R: 0 B: 255
		049	Cyan G:255 W:0	R: 0 B: 255
		050-086	Green/blue - G: 255 W: 0	R: 0 B: -
		087	green G: 255 W: 0	R: 0 B: 0
		088-124	Red + / green G: 255 W: 0	R: + B: 0
		125	Yellow G: 255 W: 0	R: 255 B: 0
		126-162	Red/Green - G: - W: 0	R: 255 B: 0
		163	red G: 0 W: 0	R: 255 B: 0
			Red/blue +	R: 255

		164-200	G: 0 W: 0	B +
		201	Magenta G: 0 W: 0	R:255 B: 255
		202-238	Red/Blue G: 0 W: 0	R: - B: 255
		239	blue G:0 W:0	R: 0 B: 255
		240-247	Color gradient from fast to slow	
		248-255	The color jumps from fast to slow	
84	Light board background tone light	000-255	0-100%	
85	Light board 1 (pixels 1-7)	000-002	Selection of light board pattern effects	
	FX Selection	003-255		
86	Light board 1 (pixels 1-7) FX move speed & Direction	000-005	No Functionality	
		006-124	From left to right, from fast to slow	
		125-130	No function	
		131-249	From right to left, from slow to fast	
		250-255	No function	
87	Light board 1 (pixels 1-7)	000-002	No function	
	FX fade out	003-255	Fade duration: from short to long	
88	Light board 2 (8-14 pixels)	000-002	Light panel pattern effect selection	
	FX Selection	003-255		
89	Light board 2(pixels 8-14) FX move speed & Direction	000-005	No Functionality	
		006-124	From left to right, from fast to slow	
		125-130	No function	
		131-249	From right to left, from slow to fast	
		250-255	No function	
90	Light board 2 (8-14 pixels)	000-002	No function	
	FX fade out	003-255	Fade duration: from short to long	
91	Beam 1 (pixels 1-14)	000-002	Beam pattern effect selection	
	FX Selection	003-255		
92	Beam 1 (Pixels 1-14) FX move speed & Direction	000-005	No function	
		006-124	From left to right, from fast to slow	
		125-130	No function	
		131-249	From right to left, from slow to fast	
		250-255	No function	
93	Beam 1 (Pixels 1-14) FX fade out	000-002	No functionality	
		003-255	Fade out duration: short to long	
94	Beam 2 (pixels 15-28) FX selection	000-002	Beam pattern effect selection	
		003-255		
95	Beam 2 (15-28 pixels) FX move Speed & Direction	000-005	No Functionality	
		006-124	From left to right, from fast to slow	
		125-130	No function	
		131-249	From right to left, from slow to fast	

		250-255	No function
96	Beam 2 (pixels 15-28) FX fade out	000-002	No functionality
		003-255	Fade out duration: short to long
97	Control	000-005	No function
		006-010	Off (Dimmer mode)
		011-015	Dimming 1
		016-020	Dimming 2
		021-025	Dimming 3
		026-030	600HZ
		031-035	1200HZ
		036-040	2000HZ
		041-045	4000HZ
		046-050	6000HZ
		051-055	25KHZ
		056-060	Fan mode Auto
		060-065	Fan mode on
		066-070	Y reset
		071-075	Light board 1 reverse turn off
		076-080	Light panel 1 is turned on when reversed
		081-085	Light panel 2 turns off in reverse
		086-090	Light panel 2 is turned on when reversed
		091-095	White light 1 reverse turn off
		096-100	White light 1 reverses to turn on
		101-105	White light 2 reverse turn off
		106-110	White light 1 is reversed to turn on
		111-115	Light board on
		116-120	Light panel off
		121-125	Beam on
		126-130	Beam off
		131-255	No function

74CH	Functions	Numerical	Effects
1	Tilt	000-255	0-100%
2	Tilt Fine	000-255	0-100%
3	Dimmer	000-255	0-100%
4	Shutter	000-009	Open
		010-079	Stroboscopic, from slow to fast
		080-149	Pulse, from slow to fast
		150-219	Random stroboscopic, from slow to fast
		220-255	Open
5	Light board pixel 1 red	000-255	0-100%
6	The light board pixel 1 is green	000-255	0-100%
7	Light board pixel 1 blue	000-255	0-100%
8	Light board pixel 2 red	000-255	0-100%
9	Light board pixel 2 green	000-255	0-100%
10	Light board pixel 2 blue	000-255	0-100%

11	Plate pixel 3 red	000-255	0-100%
12	Light plate pixel 3 green	000-255	0-100%
13	Light board pixel 3 blue	000-255	0-100%
14	Light board pixel 4 red	000-255	0-100%
15	Light board pixel 4 green	000-255	0-100%
16	Light board pixel 4 blue	000-255	0-100%
17	Light board pixel 5 red	000-255	0-100%
18	Light board pixel 5 green	000-255	0-100%
19	Light panel pixel 5 blue	000-255	0-100%
20	Light board pixel 6 red	000-255	0-100%
21	Light board pixel 6 green	000-255	0-100%
22	The light board has a pixel of 6 and is blue	000-255	0-100%
23	Light board pixel 7 red	000-255	0-100%
24	Light board pixel 7 green	000-255	0-100%
25	Light board pixel 7 blue	000-255	0-100%
26	Light board pixel 8 red	000-255	0-100%
27	Light board 8 pixels green	000-255	0-100%
28	Light board 8 pixels blue	000-255	0-100%
29	Light board pixel 9 red	000-255	0-100%
30	Light board pixel 9 green	000-255	0-100%
31	Light board pixel 9 blue	000-255	0-100%
32	Light board pixel 10 red	000-255	0-100%
33	Light board pixel 10 green	000-255	0-100%
34	Light board pixel 10 blue	000-255	0-100%
35	Light board pixel 11 red	000-255	0-100%
36	Light board pixel 11 green	000-255	0-100%
37	Light board pixel 11 blue	000-255	0-100%
38	The light board has a pixel of 12 and is red	000-255	0-100%
39	Light board pixels 12 green	000-255	0-100%
40	Light board pixel 12 blue	000-255	0-100%
41	Light board pixel 13 red	000-255	0-100%
42	Light board pixel 13 green	000-255	0-100%
43	Light board pixel 13 blue	000-255	0-100%

44	Light panel pixel 14 red	000-255	0-100%
45	Light board pixel 14 green	000-255	0-100%
46	Light board pixel 14 blue	000-255	0-100%
47	Beam pixel 1	000-255	0-100%
48	Beam pixel 2	000-255	0-100%
49	Beam pixel 3	000-255	0-100%
50	Beam pixel 4	000-255	0-100%
51	Beam pixel 5	000-255	0-100%
52	Beam pixel 6	000-255	0-100%
53	Beam pixel 7	000-255	0-100%
54	Beam pixel 8	000-255	0-100%
55	Beam pixel 9	000-255	0-100%
56	Beam pixel 10	000-255	0-100%
57	Beam pixel 11	000-255	0-100%
58	Beam pixel 12	000-255	0-100%
59	Beam pixel 13	000-255	0-100%
60	Beam pixel 14	000-255	0-100%
61	Beam pixel 15	000-255	0-100%
62	Beam pixel 16	000-255	0-100%
63	Beam pixel 17	000-255	0-100%
64	Beam pixel 18	000-255	0-100%
65	Beam pixel 19	000-255	0-100%
66	Beam pixel 20	000-255	0-100%
67	Beam pixel 21	000-255	0-100%
68	Beam pixel 22	000-255	0-100%
69	Beam pixel 23	000-255	0-100%
70	Beam pixel 24	000-255	0-100%
71	Beam pixel 25	000-255	0-100%
72	Beam pixel 26	000-255	0-100%
73	Beam pixel 27	000-255	0-100%
74	Beam pixel 28	000-255	0-100%

68 channel	function	numeric value	effect
1	Y	000-255	0-100%
2	Y fine-tuning	000-255	0-100%
3	beam dimming	000-255	0-100%
4	beam strobe duration	000-255	0-100%
5	beam strobe speed	000-009	100%
		010-250	From slow to fast
		251-255	0-100%
6	beam shutter	000-036	No feature
		037-040	Slow start, fast stop; flashing light
		041-044	Slow start, fast stop; random flickering.
		045-048	Fast open, slow close; strobe effect
		049-052	Fast open, slow close; random flickering.
		053-056	Slow start, slow stop; strobe effect

		057-060	Slow start, slow stop; random strobe effect.
		061-064	random strobismus
		065-068	empty
		069-072	lightning
		073-076	stroboflash
		077-084	Right-to-left beam
		085-092	Left-to-right beam
		093-108	right to left back and forth beam
		109-124	External to internal beam
		125-132	external to internal traveling beam
		133-179	No feature
		180-203	secondary strobe
		204-227	triple strobe
		228-251	four flashes
		252-255	No feature
7	control	000-005	No feature
		006-010	Turn off (dimmer mode)
		011-015	Dimming 1
		016-020	Dimming 2
		021-025	Dimming 3
		026-030	600HZ
		031-035	1200HZ
		036-040	2000HZ
		041-045	4000HZ
		046-050	6000HZ
		051-055	25KHZ
		056-060	Fan mode automatic
		060-065	Fan mode is on
		066-070	Y reset
		071-075	The light panel 1 is flipped over and turned off.
		076-080	The light panel 1 is flipped open.
		081-085	The light panel 2 is turned off.
		086-090	The light panel 2 is flipped open.
		091-095	White light 1 is turned off.
		096-100	Reverse White Light 1
		101-105	White Light 2 Reverse Off
		106-110	Reverse White Light 1
		111-115	Light panel activated
		116-120	Close the panel
		121-125	Beam on
		126-130	beam off
		131-255	No feature
8	light panel dimming	000-255	0-100%
9	Duration of the flashing on the light panel	000-255	100%
10	Frequency of the flashing on the light panel	000-009	100%
		010-250	From slow to fast
		251-255	0-100%
11	light panel shutter	000-036	No feature
		037-040	Slow start, fast stop; flashing light

		041-044	Slow start, fast stop; random flickering.
		045-048	Fast open, slow close; strobe effect
		049-052	Fast open, slow close; random flickering.
		053-056	Slow start, slow stop; strobe effect
		057-060	Slow start, slow stop; random strobe effect.
		061-064	random strobismus
		065-068	empty
		069-072	lightning
		073-076	stroboflash
		077-179	No feature
		180-203	secondary strobe
		204-227	triple strobe
		228-251	four strobe
		252-255	No feature
12	red	000-255	0-100%
13	green	000-255	0-100%
14	blue	000-255	0-100%
15	Light Plate and Beam FX Fade	000-005	No feature
		006-042	Fade duration: from short to long
16	light plate and beam FX movement speed & direction	000-005	No feature
		006-124	From left to right, from fast to slow
		125-130	No feature
		131-249	From right to left, from slow to fast
		250-255	No feature
17	Light Panel 1&2 FX select	000-002	Select the pattern effect for the light panel
		003-255	
18	Beam 1&2 FX movement speed & direction	000-005	No feature
		006-124	From left to right, from fast to slow
		125-130	No feature
		131-249	From right to left, from slow to fast
		250-255	No feature
19	Beam 1&2 FX select	000-002	Select the beam pattern effect
		003-255	
20	Light panel and beam FX dimming	000-255	0-100%
21	Red pixels 1&2 on the light panel	000-255	0-100%
22	Green pixels 1&2 on the light panel	000-255	0-100%
23	Light panel pixel 1&2 blue	000-255	0-100%
24	Light panel pixel 3 red	000-255	0-100%
25	Light panel pixel 3 green	000-255	0-100%
26	Light Plate Pixel 3 Blue	000-255	0-100%
27	Light panel pixel 4 red	000-255	0-100%
28	Light panel pixel 4 green	000-255	0-100%

29	Light Plate Pixel 4 Blue	000-255	0-100%
30	Light panel pixel 5 red	000-255	0-100%
31	Light panel pixel 5 green	000-255	0-100%
32	Light panel pixel 5 blue	000-255	0-100%
33	Light panel pixel 6 red	000-255	0-100%
34	Light panel pixel 6 green	000-255	0-100%
35	Light panel pixel 6 blue	000-255	0-100%
36	Light panel pixel 7 red	000-255	0-100%
37	Light panel pixel 7 green	000-255	0-100%
38	Light Plate Pixel 7 Blue	000-255	0-100%
39	Red pixels 8&9 on the light panel	000-255	0-100%
40	Green pixels 8&9 on the light panel	000-255	0-100%
41	Light panel pixel 8&9 blue	000-255	0-100%
42	Light panel pixel 10 red	000-255	0-100%
43	Light panel pixel 10 green	000-255	0-100%
44	Light panel pixel 10 blue	000-255	0-100%
45	Light panel pixel 11 red	000-255	0-100%
46	Light panel pixel 11 green	000-255	0-100%
47	Light panel pixel 11 blue	000-255	0-100%
48	Light panel pixel 12 red	000-255	0-100%
49	Light panel pixel 12 green	000-255	0-100%
50	Light panel pixel 12 blue	000-255	0-100%
51	Light panel pixel 13 red	000-255	0-100%
52	Light panel pixel 13 green	000-255	0-100%
53	Light panel pixel 13 blue	000-255	0-100%
54	Light panel pixel 14 red	000-255	0-100%
55	Light panel pixel 14 green	000-255	0-100%
56	Light panel pixel 14 blue	000-255	0-100%
57	Beam Pixel 1	000-255	Merge beam pixels 1, 2, 15, and 16
58	Beam Pixel 2	000-255	beam pixel 3,17 merge
59	Beam Pixel 3	000-255	Merge beam pixels 4 and 18
60	Beam Pixel 4	000-255	beam pixel 5,19 merge
61	Beam Pixel 5	000-255	merge beam pixels 6 and 20
62	Beam Pixel 6	000-255	beam pixel 7,21 merge
63	Beam Pixel 7	000-255	merge beam pixels 8 and 22
64	Beam Pixel 8	000-255	beam pixel 9,23 merge
65	Beam Pixel 9	000-255	merge beam pixels 10,24
66	beam pixel 10	000-255	merge beam pixels 11 and 25
67	beam pixel 11	000-255	merge beam pixels 12 and 26
68	beam pixel 12	000-255	merge beam pixels 13,14,27,28

47CH	Functions	Numerical	Effects
1	Tilt	000-255	0-100%
2	Tilt Fine	000-255	0-100%

3	Dimmer	000-255	0-100%
4	Light board Dimmer	000-255	0-100%
5	Beam Dimmer	000-255	0-100%
6	Light board stroboscopic duration	000-009	Classic Shutter Mode: Disable duration control
		010-250	From slow to fast
		251-255	100% open, no flash/stroboscopic
7	Light board stroboscopic speed	000-009	100%
		010-250	From slow to fast
		251-255	100%
8	Beam stroboscopic duration	000-009	Classic Shutter Mode: Turn off duration control
		010-250	From slow to fast
		251-255	100% open, no flash/stroboscopic
9	Beam stroboscopic speed	000-009	100%
		010-250	From slow to fast
		251-255	100%
10	Light board reverse	000-005	Properly aligned
		006-124	Reverse light board 1&2
		125-130	Reverse light board 1, Light board 2 are properly aligned
		131-249	Reverse light board 2 and light board 1 are properly aligned
		250-255	No Function
11	Beam reverse	000-005	Normal alignment
		006-124	Reverse beams 1&2
		125-130	Reverse beam 1, Beam 2 are properly aligned
		131-249	Reverse beam 2, beam 1 is properly aligned
		250-255	No function
12	Light board pixel 1&8 red	000-255	0-100%
13	Light board pixels 1&8 green	000-255	0-100%
14	Light board pixel 1&8 blue	000-255	0-100%
15	Light board pixels 2&9 red	000-255	0-100%
16	Light board pixel 2&9 green	000-255	0-100%
17	Light board pixel 2&9 blue	000-255	0-100%
18	Plate pixels 3&10 red	000-255	0-100%
19	Light plate pixel 3&10 green	000-255	0-100%
20	The pixel of the light board is 3&10 blue	000-255	0-100%
21	Light board pixels 4&11 red	000-255	0-100%
22	Light board pixel 4&11 green	000-255	0-100%
23	Light board pixel 4&11	000-255	0-100%

	blue		
24	Light board pixels 5&12 red	000-255	0-100%
25	Light board pixel 5&12 green	000-255	0-100%
26	Light board pixel 5&12 blue	000-255	0-100%
27	Light board pixels 6&13 red	000-255	0-100%
28	Light board pixel 6&13 green	000-255	0-100%
29	The pixel of the light board is 6&13 blue	000-255	0-100%
30	Light board pixels 7&14 red	000-255	0-100%
31	Light board pixels 7&14 green	000-255	0-100%
32	Light board pixels 7&14 blue	000-255	0-100%
33	Beam pixels 1&15	000-255	0-100%
34	Beam pixels 2&16	000-255	0-100%
35	Beam pixels 3&17	000-255	0-100%
36	Beam pixels 4&18	000-255	0-100%
37	Beam pixels 5&19	000-255	0-100%
38	Beam pixels 6&20	000-255	0-100%
39	Beam pixels 7&21	000-255	0-100%
40	Beam pixels 8&22	000-255	0-100%
41	Beam pixels 9&23	000-255	0-100%
42	Beam pixels 10&24	000-255	0-100%
43	Beam pixels 11&25	000-255	0-100%
44	Beam pixels 12&26	000-255	0-100%
45	Beam pixels 13&27	000-255	0-100%
46	Beam pixels 14&28	000-255	0-100%
47	Control	000-005	No function
		006-010	Off (Dimmer mode)
		011-015	Dimming 1
		016-020	Dimming 2
		021-025	Dimming 3
		026-030	600HZ
		031-035	1200HZ
		036-040	2000HZ
		041-045	4000HZ
		046-050	6000HZ
		051-055	25KHZ
		056-060	Fan mode Auto
		060-065	Fan mode on
		066-070	Y reset
		071-075	Light board 1 reverse turn off
		076-080	Light panel 1 is turned on when reversed
		081-085	Light panel 2 turns off in reverse
		086-090	Light panel 2 is turned on when reversed

		091-095	White light 1 reverse turn off
		096-100	White light 1 reverses to turn on
		101-105	White light 2 reverse turn off
		106-110	White light 1 is reversed to turn on

30CH	Functions	Numerical	Effects
1	Tilt	000-255	0-100%
2	Tilt Fine	000-255	0-100%
3	Dimmer	000-255	0-100%
4	Dimmer of the light board	000-255	0-100%
5	Beam Dimmer	000-255	0-100%
6	Light board stroboscopic duration	000-009	Classic Shutter Mode: Disable duration control
		010-250	From slow to fast
		251-255	100% open, no flash/stroboscopic
7	Light board stroboscopic speed	000-009	100%
		010-250	From slow to fast
		251-255	100%
8	Beam stroboscopic duration	000-009	Classic Shutter Mode: Turn off duration control
		010-250	From slow to fast
		251-255	100% open, no flash/stroboscopic
9	Beam stroboscopic speed	000-009	100%
		010-250	From slow to fast
		251-255	100%
10	red	000-255	0-100%
11	green	000-255	0-100%
12	blue	000-255	0-100%
13	Beam FX	000-005	No function
		006-042	Quick on and slow on flicker
		043-085	Fast-on slow-off stroboscopic
		086-128	Slow on and slow off stroboscopic
		129-171	Random pulse stroboscopic
		172-214	Lightning
		215-255	Random ordinary stroboscopic
14	View in front of the light board	000-000	No function
		001-002	White (2700k)
		003-004	White (3200k)
		005-006	White (4200k)
		007-008	White (5600k)
		009-010	White (8000k)
		011	blue G:0 W:0 R: 0 B: 255
		012-048	Green + / blue G :+ W: 0 R: 0 B: 255
		049	Cyan G:255 W:0 R: 0 B: 255
		050-086	Green/blue - G: 255 W: 0 R: 0 B: -
		087	green G:255 W:0 R: 0 B: 0

		088-124	Red + / green G: 255 W: 0	R: + B: 0
		125	yellow G: 255 W: 0	R: 255 B: 0
		126-162	Red/Green - G: - W: 0	R: 255 B: 0
		163	red G: 0 W: 0	R: 255 B: 0
		164-200	Red/blue + G: 0 W: 0	R: 255 B +
		201	Magenta G: 0 W: 0	R:255 B: 255
		202-238	Red/Blue G: 0 W: 0	R: - B: 255
		239	blue G:0 W:0	R: 0 B: 255
		240-247	Color rendering index, fast to slow	
		248-255	Color capture, fast to slow	
15	Light board foreground tone light	000-255	0-100%	
16	Light board background color	000-000	No Function	
		001-002	White (2700 k)	
		003-004	White (3200 k)	
		005-006	White (4200 k)	
		007-008	White (5600 k)	
		009-010	White (8000 k)	
		011	blue G:0 W:0	R: 0 B: 255
		012-048	Green + / blue G:+ W:0	B:255 R: 0
		049	Cyan G:255 W:0	R: 0 B: 255
		050-086	Green/blue - G: 255 W: 0	R: 0 B: -
		087	green G:255 W:0	R: 0 B: 0
		088-124	Red + / green G: 255 W: 0	R: + B: 0
		125	yellow G:255 W:0	R: 255 B: 0

		126-162	Red/Green - G: - W: 0	R: 255 B: 0
		163	red R: 255 G: 0	B: 0 W: 0
		164-200	Red/blue + G: 0 W: 0	R: 255 B +
		201	Magenta G: 0 W: 0	R:255 B: 255
		202-238	Red/Blue G: 0 W: 0	R: - B: 255
		239	blue G:0 W:0	R: 0 B: 255
		240-247	Color rendering index, fast to slow	
		248-255	Color fast to slow, fast to slow	
17	The background color tone of the light board is bright	000-255	0-100%	
18	Light board 1 (pixels 1-7)	000-002	Light panel pattern effect selection	
	FX Selection	003-255		
19	Light board 1 (pixels 1-7) FX move speed & Direction	000-005	No Functionality	
		006-124	From left to right, from fast to slow	
		125-130	No function	
		131-249	From right to left, from slow to fast	
		250-255	No function	
20	Light board 1 (pixels 1-7)	000-002	No function	
	FX fade out	003-255	Fade duration: from short to long	
21	Light board 2 (8-14 pixels)	000-002	Selection of light board pattern effects	
	FX Selection	003-255		
22	Light board 2 (8-14 pixels) FX move speed & Direction	000-005	No Functionality	
		006-124	From left to right, from fast to slow	
		125-130	No function	
		131-249	From right to left, from slow to fast	
		250-255	No function	
23	Light board 2 (8-14 pixels)	000-002	No function	
	FX fade out	003-255	Fade duration: from short to long	
24	Beam 1 (pixels 1-14)	000-002	Beam pattern effect selection	
	FX Selection	003-255		
25	Beam 1 (Pixels 1-14) FX move speed & Direction	000-005	No Functionality	
		006-124	From left to right, from fast to slow	
		125-130	No function	
		131-249	From right to left, from slow to fast	
		250-255	No function	
	Beam 1 (Pixels 1-14)	000-002	No functionality	

26	FX fade out	003-255	Fade out duration: short to long
27	Beam 2 (pixels 15-28) FX selection	000-002	Beam pattern effect selection
		003-255	
28	Beam 2 (15-28 pixels) FX move Speed & Direction	000-005	No Functionality
		006-124	From left to right, from fast to slow
		125-130	No function
		131-249	From right to left, from slow to fast
		250-255	No function
29	Beam 2 (pixels 15-28) FX fade out	000-002	No functionality
		003-255	Fade out duration: short to long
30	Control	000-005	No function
		006-010	Off (Dimmer mode)
		011-015	Dimming 1
		016-020	Dimming 2
		021-025	Dimming 3
		026-030	600HZ
		031-035	1200HZ
		036-040	2000HZ
		041-045	4000HZ
		046-050	6000HZ
		051-055	25KHZ
		056-060	Fan mode Auto
		060-065	Fan mode on
		066-070	Y reset
		071-075	Light board 1 reverse turn off
		076-080	Light panel 1 is turned on when reversed
		081-085	Light panel 2 turns off in reverse
		086-090	Light panel 2 is turned on when reversed
		091-095	White light 1 reverse turn off
		096-100	White light 1 reverses to turn on
		101-105	White light 2 reverse turn off
		106-110	White light 1 is reversed to turn on
		111-115	Light board on
		116-120	The light panel is off.
		121-125	Beam on
		126-130	Beam off
		131-255	No function

24CH	Features	Numerical	Effects
1	Tilt	000-255	0-100%
2	Tilt Fine	000-255	0-100%
3	Dimmer	000-255	0-100%
4	Light board Dimmer	000-255	0-100%
5	Beam Dimmer	000-255	0-100%
6	Light board stroboscopic duration	000-009	Classic Shutter Mode: Disable duration control
		010-250	From slow to fast
		251-255	100% open, no flash/stroboscopic

7	Light board stroboscopic speed	000-009	100%	
		010-250	From slow to fast	
		251-255	100%	
8	Beam stroboscopic duration	000-009	Classic Shutter Mode: Turn off duration control	
		010-250	From slow to fast	
		251-255	100% open, no flash/stroboscopic	
9	Beam stroboscopic speed	000-009	100%	
		010-250	From slow to fast	
		251-255	100%	
10	red	000-255	0-100%	
11	green	000-255	0-100%	
12	blue	000-255	0-100%	
13	Beam FX	000-005	No function	
		006-042	Quick on and slow on flickering	
		043-085	Fast-on slow-off stroboscopic	
		086-128	Slow on and slow off stroboscopic	
		129-171	Random pulse stroboscopic	
		172-214	Lightning	
14	View in front of the light board	000-000	No function	
		001-002	White (2700k)	
		003-004	White (3200k)	
		005-006	White (4200k)	
		007-008	White (5600k)	
		009-010	White (8000k)	
		011	blue G:0 W:0	R: 0 B: 255
		012-048	Green + / blue G :+ W: 0	R: 0 B: 255
		049	Cyan G:255 W:0	R: 0 B: 255
		050-086	Green/blue - G: 255 W: 0	R: 0 B: -
		087	green G:255 W:0	R: 0 B: 0
		088-124	Red + / green G: 255 W: 0	R: + B: 0
		125	yellow G: 255 W: 0	R: 255 B: 0
		126-162	Red/Green - G: - W: 0	R: 255 B: 0
		163	red G: 0 W: 0	R: 255 B: 0
		164-200	Red/blue + G: 0 W: 0	R: 255 B: +

		201	Magenta G: 0 W: 0	R:255 B: 255
		202-238	Red/Blue G: 0 W: 0	R: - B: 255
		239	blue G:0 W:0	R: 0 B: 255
		240-247	Color rendering index, fast to slow	
		248-255	Color capture, fast to slow	
15	Light board foreground tone light	000-255	0-100%	
16	Background color of the light board	000-000	No Function	
		001-002	White (2700 k)	
		003-004	White (3200 k)	
		005-006	White (4200 k)	
		007-008	White (5600 k)	
		009-010	White (8000 k)	
		011	Blue G:0 W:0	R: 0 B: 255
		012-048	Green + / blue G:+ W:0	B:255 R: 0
		049	Cyan G:255 W:0	R: 0 B: 255
		050-086	Green/blue - G: 255 W: 0	R: 0 B: -
		087	green G:255 W:0	R: 0 B: 0
		088-124	Red + / green G: 255 W: 0	R: + B: 0
		125	yellow G:255 W:0	R: 255 B: 0
		126-162	Red/green - G: - W: 0	R: 255 B: 0
		163	red R: 255 G: 0	B: 0 W: 0
		164-200	Red/blue + G: 0 W: 0	R: 255 B +
		201	Magenta G: 0 W: 0	R:255 B: 255
		202-238	Red/Blue G: 0 W: 0	R: - B: 255
		239	Blue G:0 W:0	R: 0 B: 255
		240-247	Color rendering index, fast to slow	

		248-255	Color fast to slow, fast to slow
17	Light board background tone light	000-255	0-100%
18	Light board 1&2 FX Selection	000-002 003-255	Light board pattern effect selection
19	Light board 1&2 FX move Speed & Direction	000-005	No Functionality
		006-124	From left to right, from fast to slow
		125-130	No function
		131-249	From right to left, from slow to fast
		250-255	No function
20	Light Boards 1&2 FX fade Out	000-002	No functionality
		003-255	Fade out duration: short to long
21	Beams 1&2 FX Selection	000-002	Beam pattern effect selection
		003-255	
22	Beam 1&2 FX move speed & direction	000-005	No Functionality
		006-124	From left to right, from fast to slow
		125-130	No function
		131-249	From right to left, from slow to fast
		250-255	No function
23	Beam 1&2 FX fade out	000-002	No functionality
		003-255	Fade out duration: short to long
24	Control	000-005	No function
		006-010	Off (Dimmer mode)
		011-015	Dimming 1
		016-020	Dimming 2
		021-025	Dimming 3
		026-030	600HZ
		031-035	1200HZ
		036-040	2000HZ
		041-045	4000HZ
		046-050	6000HZ
		051-055	25KHZ
		056-060	Fan mode Auto
		060-065	Fan mode on
		066-070	Y reset
		071-075	Light board 1 reverse turn off
		076-080	Light panel 1 is turned on when reversed
		081-085	Light panel 2 turns off in reverse
		086-090	Light panel 2 is turned on when reversed
		091-095	White light 1 reverse turn off
		096-100	White light 1 reverses to turn on
		101-105	White light 2 reverse switch
		106-110	White light 1 is reversed to turn on
		111-115	Light board on
		116-120	Light panel off
		121-125	Beam on
		126-130	Beam off
		131-255	No function

13CH	Functions	Numerical	Effects
1	Tilt	000-255	0-100%
2	Tilt Fine	000-255	0-100%

3	Light board Dimmer	000-255	0-100%
4	Beam Dimmer	000-255	0-100%
5	Light board stroboscopic duration	000-009	Classic shutter Mode: Disable duration control
		010-250	From slow to fast
		251-255	100% open, no flash/stroboscopic
6	Light board stroboscopic speed	000-009	100%
		010-250	From slow to fast
		251-255	100%
7	Beam stroboscopic duration	000-009	Classic Shutter Mode: Turn off duration control
		010-250	From slow to fast
		251-255	100% open, no flash/stroboscopic
8	Beam stroboscopic speed	000-009	100%
		010-250	From slow to fast
		251-255	100%
9	red	000-255	0-100%
10	green	000-255	0-100%
11	blue	000-255	0-100%
12	Beam FX	000-005	No function
		006-042	Quick on and slow on flicker
		043-085	Fast-on slow-off stroboscopic
		086-128	Slow on and slow off stroboscopic
		129-171	Random pulse stroboscopic
		172-214	Lightning
		215-255	Random ordinary stroboscopic
13	Control	000-005	No function
		006-010	Off (Dimmer mode)
		011-015	Dimming 1
		016-020	Dimming 2
		021-025	Dimming 3
		026-030	600HZ
		031-035	1200HZ
		036-040	2000HZ
		041-045	4000HZ
		046-050	6000HZ
		051-055	25KHZ
		056-060	Fan mode Auto
		060-065	Fan mode on
		066-070	Y reset
		071-075	Light board 1 reverse turn off
		076-080	Light panel 1 is turned on when reversed
		081-085	Light panel 2 turns off in reverse
		086-090	Light panel 2 is turned on when reversed
		091-095	White light 1 reverse turn off
		096-100	White light 1 reverses to turn on
		101-105	White light 2 reverse turn off
		106-110	White light 1 is reversed to turn on
		111-115	Light board on
		116-120	The light panel is off.
		121-125	Beam on
		126-130	Beam off
		131-255	No function

11CH	Features	Numerical	Effects
1	Tilt	000-255	0-100%
2	Tilt Fine	000-255	0-100%
3	Dimmer	000-255	0-100%
4	Light board stroboscopic duration	000-009	Classic Shutter Mode: Disable duration control
		010-250	From slow to fast
		251-255	100% open, no flash/stroboscopic
5	The flickering speed of the light board	000-009	100%
		010-250	From slow to fast
		251-255	100%
6	Beam stroboscopic duration	000-009	Classic Shutter Mode: Turn off duration control
		010-250	From slow to fast
		251-255	100% open, no flash/stroboscopic
7	Beam stroboscopic speed	000-009	100%
		010-250	From slow to fast
		251-255	100%
8	red	000-255	0-100%
9	green	000-255	0-100%
10	blue	000-255	0-100%
11	white	000-255	0-100%

8CH	Functions	Numerical	Effect
1	Tilt	000-255	0-100%
2	Tilt Fine	000-255	0-100%
3	Dimmer	000-255	0-100%
4	Shutter	000-009	Open
		010-079	Stroboscopic, from slow to fast
		080-149	Pulse, from slow to fast
		150-219	Random stroboscopic, from slow to fast
		220-255	Open
5	red	000-255	0-100%
6	green	000-255	0-100%
7	blue	000-255	0-100%

5. Troubleshooting

Symptoms	The cause of the problem	Methods
No menu displayed	1. No AC input 2. The switching power supply is damaged 3. Faulty display circuit board	1 Check the power lines 2 Check if the switch is functioning properly and the power supply has voltage output 3 Replace the display

		board
DMX signal not received	1 DMX signal line failure 2. The wiring sequence of the signal line is incorrect 3. The IC that receives the signal at the signal input end is damaged 4.DMX address code Settings Does not match the corresponding control of the console 5. Other parameter Settings are incorrect 6. After entering the MENU, do not press the confirm button 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 lines 3 Check if the two resistors connected in series on the display board signal receiving IC and the signal line are disconnected? 4 Check or reset the address code or restore the factory Settings and try again 5 Press MENU to exit to the main menu
Surface temperature lamp body over 75° No temperature	1. The thermistor bead board on the lamp is faulty 2. The temperature control circuit	1 Replace the thermistor 2 Check the circuit on the temperature control motherboard

control protection	display board is faulty	
Uneven color mixing Uneven color spots	1. Improper installation of the lamp 2. The lens or bracket is not installed properly	1 Check the condition 2. Check the process, adjust the direction bulb welding lens assembly, bracket assembly, lens assembly, bracket assembly
The lamp beads go out or flicker a little	The light beads are damaged or the driver board has no current output	1 Replace the light beads 2 Replace a damaged light bead or check the driver board circuit 3 Replace the corresponding driver IC
Parameters not saved	The IC that stores the parameters is damaged	Replace the memory IC
The whole light doesn't work	When the temperature is too high, the temperature control protection causes the source to be connected. The temperature protection doesn't work	Wait until the lamp body cools down before turning it on