Super Storm1500B



USER MANUAL

INTRODUCTION

Thank you for having chosen our LED lighting
Unpack the device, inside the box you should find:
The fixture device
One power cable
One XLR connection cable
This manual
Please check carefully that there is no damage caused by transportation. Should there be any problems, consult your dealer and don't install this device.

DESCRIPTION

Features

- 572pcs 1W RGB LEDs&144pcs 5W white LEDs，no ultraviolet radiation.
- More than 20,000 hours for the LED light source
- 100,000 luminous
- 120 degrees for RGB, 60 degree for white
- 1/10/14/26/73/58/4/12/48/21 DMX channels
- 16 Bit Dimmer
- DMX Mode/Master-Slave mode/Pixel mode
- 12-segment RGB +12-segment white pixel modes can be used as wash (brightness: 300W RGB/ 1000W white)
- The 12-segments white LEDs generate a strobe pulse with brightness equivalent to a 3000W conventional STROBE!
- Intense built –in strobe programs
- AC200-240V 50/60Hz 1500W
- Diecasting heatsink with fans Control
- With temperature sensor to extend the lamp's life
- 8000 Hz LED scan rate
- L: 490 W: 313mm D: 123 mm
- IP65

SAFETY INSTRUCTIONS

This device has left the factory in perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety

instructions and warning notes written in this user manual.
This device falls under protection-class I. Therefore it is essential that the device should be earthed.
The electric connection must carry out by qualified person.
If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.

Make sure that the available voltage is not higher than stated at the end of this manual.

Make sure the power cord is never crimped or damaged by sharp edges.
If this would be the case, replacement of the cable must be done by an authorized dealer.

Always disconnect from the mains, when the device is not in use or before cleaning it. Only handle the power cord by the plug. Never pull out the plug by tugging the power cord.

Never look directly into the light source, as sensitive persons may suffer an epileptic shock.

Important:
Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.

DMX-512 control connection

The product has a DMX 512 input fitted with 3-pin XLR connectors. Screened cables in compliance with EIA RS-485 specifications and the following characteristics must be used for connections:
- 2 conductors plus screen
- 120Ohm impedance
- low capacitance
- max. transmission rate 250kBaud.

DMX-512 connection with DMX terminator

For installations where the DMX cable has to run a long distance or is

in an electrically noisy environment, such as in a discotheque, it is recommended to use a DMX terminator. This helps in preventing corruption of the digital control signal by electrical noise. The DMX terminator is simply an XLR plug with a 120 OHM resistor connected between pins 2 and 3, which is then plugged into the output XLR socket of the last fixture in the chain.

Display Menu

Main menu	**Sub-menu**	
Address	DMX Address Setting	
Config Mode	channel mode	Channel 1 CH
		Channel10 Ch
		Channel 14 Ch
		Channel 26 Ch
		Channel 73 Ch
		Channel 58 Ch
		Channel 4 Ch
		Channel 12 Ch
		Channel 48 Ch
		Channel 21 Ch
	keep screen on	Disable/enable
	keep DMX data	Disable/ enable
	Fan speed	Standard/ High/ Low
	Fast Dimmer	Disable/ enable
System Info	Temperature	Head
		Body
LED load Default	False/True	
LED All On		
Auto Test	auto 1	
	auto 2	
	auto 3	
Manual Test	red	0-255

	green	0-255
	blue	0-255
	white	0-255
	Tilt	0-255
Fan Test	Fan1	On/ Off

Main functions

1. Address: Current DMX address

A. Setting DMX address by button

press **ENTER** button when show the **address** menu, then adjust the DMX address by pressing **[UP]** or **[DOWN]** button

Press **[ENTER]** to confirm or press **[ESC]** to return to main menu**.**

B. Setting DMX address by controller

1.Set the DMX value of channel 5 to 10-15,channel 17 to 20-26, channel 7 to 30-36,channel 8 to 40-46,then the devices connected to the controller will enter to the setting address mode

2. Set the DMX value of **channel 1** from 0-59,then you will see the first number of the Address change to (channel 1 value)/10.

For example, when set the value of channel 1 to 20,the first DMX address number will be 2(20/10=2),

3. Set the DMX value of **channel 2** from 0-99,then you will see the second number of the Address change to (channel 2 value)/10.

For example, when set the value of channel 2 to 30,the first DMX address number will be 2(30/10=3),

4.Set the DMX value of **channel 3** from 0-99,then you will see the third number of the Address change to (channel 3 value)/10.

For example, when set the value of channel 1 to 40,the first DMX address number will be 3(40/10=4),

And the DMX address you set by controller will be 234.

5. Set the DMX value of **channel 4** to 255,then you will save the DMX address settled by the controller.

Caution: It won't save the address if the address number is over 512

6. set the value of channel 5-8 out of the value range show on the

step 1,and the device will exit the setting address mode

2. Config.

Setting DMX mode

press **ENTER** button when show the **channel** menu, then select the DMX mode by pressing **[UP]** or **[DOWN]** button

Key mode

press **ENTER** button when show the **key mode** menu, then select lock or unlock by pressing **[UP]** or **[DOWN]** button

Show Temperature

press **ENTER** button when show the **Temp Unit CS** menu, select the way of showing the fixture's temperature in ℃ or ℉ by pressing **[UP]** or **[DOWN]** button

3. System info

Temperature

press **ENTER** button when show the **Temperature** menu, then it will show the temperature of the fixture

4. Color menu

press **ENTER** button when show the **Color** menu, press **Enter** button to select the color mode, then adjust the color by pressing **[UP]** or **[DOWN]** button

5. Auto test

press **ENTER** button when show the **auto test** menu, select test mode by pressing **[UP]** or **[DOWN]** button

DMX functions and values

1-Channel Mode

Ch.	Function	Values	Description
1	Strobe	000 - 010	No function
		011 - 255	From slow to fast

10-Channel Mode

Ch.	Function	Values	Description
1	Master Dimmer	000 - 255	0 - 100%
2	RGB Intensity	000 - 255	0 - 100%
3	All Red LED	000 - 255	0 - 100%
4	All Green LED	000 - 255	0 - 100%
5	All Blue LED	000 - 255	0 - 100%
6	Duration RGB	000 - 255	0 - 100%
7	Strobe RGB	000-010	0 - 100%
		011-255	0 - 100%
8	All White LED	000 - 255	0 - 100%
9	Duration W	000 - 255	0 - 100%
10	Strobe W	000 - 010	No function
		011 - 255	From slow to fast

14-Channel Mode

Ch.	Function	Values	Description
1	Master Dimmer	000 - 255	0 - 100%
2	Master Dimmer fine	000 - 255	0 - 100%
3	RGB Intensity	000 - 255	0 - 100%
4	All Red LED	000 - 255	0 - 100%
5	All Green LED	000 - 255	0 - 100%
6	All Blue LED	000 - 255	0 - 100%
7	Duration RGB	000 - 255	0 - 100%
8	Strobe RGB	000-010	0 - 100%
		011-255	0 - 100%

9	All White LED	000 - 255	0 - 100%
10	Duration W	000 - 255	0 - 100%
11	Strobe W	000 - 010	No function
		011 - 255	From slow to fast
12	Macro	000-035	No function
		036-071	Effect 1
		072-107	Effect 2
		108-143	Effect 3
		144 - 215	Effect 4
		216 - 255	Effect 5
13	Flow Effect	0 - 50	No function
		51 - 101	Effect 1
		102 - 152	Effect 2
		153 - 203	Effect 3
		204 - 254	Effect 4
		255	Effect 5
14	speed	000 - 254	Fast to slow
		255	Tungsten effect

26-Channel Mode

Ch.	Function	Values	Description
1	Master Dimmer	000 - 255	0 - 100%
2	Master Dimmer fine	000 - 255	0 - 100%
3	RGB Intensity	000 - 255	0 - 100%
4	All Red LED	000 - 255	0 - 100%
5	All Green LED	000 - 255	0 - 100%
6	All Blue LED	000 - 255	0 - 100%
7	Duration RGB	000 - 255	0 - 100%

8	Strobe RGB	000-010	No function
		011-255	From slow to fast
9	All white led	000 - 255	0 - 100%
10	Duration W	000 - 255	0 - 100%
11	Strobe W	000 - 010	No function
		011 - 255	From slow to fast
12	Macro	000-035	No function
		036-071	Effect 1
		072-107	Effect 2
		108-143	Effect 3
		144 - 215	Effect 4
		216 - 255	Effect 5
13	Flow Effect	0 - 50	No function
		51 - 101	Effect 1
		102 - 152	Effect 2
		153 - 203	Effect 3
		204 - 254	Effect 4
		255	Effect 5
14	speed	000 - 254	Fast to slow
		255	Tungsten effect
15	Red Block1	000 - 255	0 - 100%
16	Green Block1	000 - 255	0 - 100%
17	Blue Block1	000 - 255	0 - 100%
18	White Block1	000 - 255	0 - 100%
19	Red Block2	000 - 255	0 - 100%
20	Green Block2	000 - 255	0 - 100%
21	Blue Block2	000 - 255	0 - 100%
22	White Block2	000 - 255	0 - 100%
23	Red Block3	000 - 255	0 - 100%
24	Green Block3	000 - 255	0 - 100%

25	Blue Block3	000 - 255	0 - 100%
26	White Block3	000 - 255	0 - 100%

73-Channel Mode

Ch.	Function	Values	Description
1	Master Dimmer	000 - 255	0 - 100%
2	Master Dimmer fine	000 - 255	0 - 100%
3	RGB intensity	000 - 255	0 - 100%
4	All Red LED	000 - 255	0 - 100%
5	All Green LED	000 - 255	0 - 100%
6	All Blue LED	000 - 255	0 - 100%
7	Duration RGB	000 - 255	0 - 100%
8	Strobe RGB	000-010	No function
		011-255	From slow to fast
9	All White LED	000 - 255	0 - 100%
10	Duration W	000 - 255	0 - 100%
11	Strobe W	000 - 010	No function
		011 - 255	From slow to fast
12	Flow Effect	0 - 50	No function
		51 - 101	Effect 1
		102 - 152	Effect 2
		153 - 203	Effect 3
		204 - 254	Effect 4
		255	Effect 5
13	speed	000 - 254	Fast to slow
		255	Tungsten effect
14	Red Block1	000 - 255	0 - 100%
15	Green Block1	000 - 255	0 - 100%
16	Blue Block1	000 - 255	0 - 100%

17	White Block1	000 - 255	0 - 100%
18	Red Block2	000 - 255	0 - 100%
19	Green Block2	000 - 255	0 - 100%
20	Blue Block2	000 - 255	0 - 100%
21	White Block2	000 - 255	0 - 100%
22	Red Block3	000 - 255	0 - 100%
23	Green Block3	000 - 255	0 - 100%
24	Blue Block3	000 - 255	0 - 100%
25	White Block3	000 - 255	0 - 100%
26	Red 1	000 - 255	0 - 100%
27	Green 1	000 - 255	0 - 100%
28	Blue 1	000 - 255	0 - 100%
29	Red 2	000 - 255	0 - 100%
30	Green 2	000 - 255	0 - 100%
31	Blue 2	000 - 255	0 - 100%
32	Red 3	000 - 255	0 - 100%
33	Green 3	000 - 255	0 - 100%
34	Blue 3	000 - 255	0 - 100%
35	Red 4	000 - 255	0 - 100%
36	Green 4	000 - 255	0 - 100%
37	Blue 4	000 - 255	0 - 100%
38	Red 5	000 - 255	0 - 100%
39	Green 5	000 - 255	0 - 100%
40	Blue 5	000 - 255	0 - 100%
41	Red 6	000 - 255	0 - 100%
42	Green 6	000 - 255	0 - 100%
43	Blue 6	000 - 255	0 - 100%
44	Red 7	000 - 255	0 - 100%
45	Green 7	000 - 255	0 - 100%
46	Blue 7	000 - 255	0 - 100%
47	Red 8	000 - 255	0 - 100%
48	Green 8	000 - 255	0 - 100%

49	Blue 8	000 - 255	0 - 100%
50	Red 9	000 - 255	0 - 100%
51	Green 9	000 - 255	0 - 100%
52	Blue 9	000 - 255	0 - 100%
53	Red 10	000 - 255	0 - 100%
54	Green 10	000 - 255	0 - 100%
55	Blue 10	000 - 255	0 - 100%
56	Red 11	000 - 255	0 - 100%
57	Green 11	000 - 255	0 - 100%
58	Blue 11	000 - 255	0 - 100%
59	Red 12	000 - 255	0 - 100%
60	Green 12	000 - 255	0 - 100%
61	Blue 12	000 - 255	0 - 100%
62	White 1	000 - 255	0 - 100%
63	White2	000 - 255	0 - 100%
64	White3	000 - 255	0 - 100%
65	White4	000 - 255	0 - 100%
66	White5	000 - 255	0 - 100%
67	White6	000 - 255	0 - 100%
68	White7	000 - 255	0 - 100%
69	White8	000 - 255	0 - 100%
70	White9	000 - 255	0 - 100%
71	White10	000 - 255	0 - 100%
72	White11	000 - 255	0 - 100%
73	White12	000 - 255	0 - 100%

58-Channel Mode

Ch.	Function	Values	Description
1	Master Dimmer	000 - 255	0 - 100%
2	Master	000 - 255	0 - 100%

	Dimmer fine		
3	RGB Intensity	000 - 255	0 - 100%
4	Duration RGB	000 - 255	0 - 100%
5	Strobe RGB	000 - 010	No function
		011 - 255	From slow to fast
6	Duration W	000 - 255	0 - 100%
7	Strobe W	000 - 010	No function
		011 - 255	From slow to fast
8	Macro	000 - 035	No function
		036 - 071	Effect 1
		072 - 107	Effect 2
		108 - 143	Effect 3
		144 - 215	Effect 4
		216 - 255	Effect 5
9	Flow Effect	0 - 50	No function
		51 - 101	Effect 1
		102 - 152	Effect 2
		153 - 203	Effect 3
		204 - 254	Effect 4
		255	Effect 5
10	speed	000 - 254	Fast to slow
11	Red 1	000 - 255	0 - 100%
12	Green 1	000 - 255	0 - 100%
13	Blue 1	000 - 255	0 - 100%
14	Red 2	000 - 255	0 - 100%
15	Green 2	000 - 255	0 - 100%
16	Blue 2	000 - 255	0 - 100%
17	Red 3	000 - 255	0 - 100%
18	Green 3	000 - 255	0 - 100%
19	Blue 3	000 - 255	0 - 100%

20	Red 4	000 - 255	0 - 100%
21	Green 4	000 - 255	0 - 100%
22	Blue 4	000 - 255	0 - 100%
23	Red 5	000 - 255	0 - 100%
24	Green 5	000 - 255	0 - 100%
25	Blue 5	000 - 255	0 - 100%
26	Red 6	000 - 255	0 - 100%
27	Green 6	000 - 255	0 - 100%
28	Blue 6	000 - 255	0 - 100%
29	Red 7	000 - 255	0 - 100%
30	Green 7	000 - 255	0 - 100%
31	Blue 7	000 - 255	0 - 100%
32	Red 8	000 - 255	0 - 100%
33	Green 8	000 - 255	0 - 100%
34	Blue 8	000 - 255	0 - 100%
35	Red 9	000 - 255	0 - 100%
36	Green 9	000 - 255	0 - 100%
37	Blue 9	000 - 255	0 - 100%
38	Red 10	000 - 255	0 - 100%
39	Green 10	000 - 255	0 - 100%
40	Blue 10	000 - 255	0 - 100%
41	Red 11	000 - 255	0 - 100%
42	Green 11	000 - 255	0 - 100%
43	Blue 11	000 - 255	0 - 100%
44	Red 12	000 - 255	0 - 100%
45	Green 12	000 - 255	0 - 100%
46	Blue 12	000 - 255	0 - 100%
47	White 1	000 - 255	0 - 100%
48	White2	000 - 255	0 - 100%
49	White3	000 - 255	0 - 100%
50	White4	000 - 255	0 - 100%
51	White5	000 - 255	0 - 100%

52	White6	000 - 255	0 - 100%
53	White7	000 - 255	0 - 100%
54	White8	000 - 255	0 - 100%
55	White9	000 - 255	0 - 100%
56	White10	000 - 255	0 - 100%
57	White11	000 - 255	0 - 100%
58	White12	000 - 255	0 - 100%

4-Channel Mode

Ch.	Function	Values	Description
1	All Red LED	000 - 255	0 - 100%
2	All Green LED	000 - 255	0 - 100%
3	All Blue LED	000 - 255	0 - 100%
4	All White LED	000 - 255	0 - 100%

12-Channel Mode

Ch.	Function	Values	Description
1	Red Block1	000 - 255	0 - 100%
2	Green Block1	000 - 255	0 - 100%
3	Blue Block1	000 - 255	0 - 100%
4	White Block1	000 - 255	0 - 100%
5	Red Block2	000 - 255	0 - 100%
6	Green Block2	000 - 255	0 - 100%
7	Blue Block2	000 - 255	0 - 100%
8	White Block2	000 - 255	0 - 100%
9	Red Block3	000 - 255	0 - 100%
10	Green Block3	000 - 255	0 - 100%
11	Blue Block3	000 - 255	0 - 100%
12	White Block3	000 - 255	0 - 100%

48-Channel Mode

Ch.	Function	Values	Description
1	Red 1	000 - 255	0 - 100%
2	Green 1	000 - 255	0 - 100%
3	Blue 1	000 - 255	0 - 100%
4	Red 2	000 - 255	0 - 100%
5	Green 2	000 - 255	0 - 100%
6	Blue 2	000 - 255	0 - 100%
7	Red 3	000 - 255	0 - 100%
8	Green 3	000 - 255	0 - 100%
9	Blue 3	000 - 255	0 - 100%
10	Red 4	000 - 255	0 - 100%
11	Green 4	000 - 255	0 - 100%
12	Blue 4	000 - 255	0 - 100%
13	Red 5	000 - 255	0 - 100%
14	Green 5	000 - 255	0 - 100%
15	Blue 5	000 - 255	0 - 100%
16	Red 6	000 - 255	0 - 100%
17	Green 6	000 - 255	0 - 100%
18	Blue 6	000 - 255	0 - 100%
19	Red 7	000 - 255	0 - 100%
20	Green 7	000 - 255	0 - 100%
21	Blue 7	000 - 255	0 - 100%
22	Red 8	000 - 255	0 - 100%
23	Green 8	000 - 255	0 - 100%
24	Blue 8	000 - 255	0 - 100%
25	Red 9	000 - 255	0 - 100%
26	Green 9	000 - 255	0 - 100%
27	Blue 9	000 - 255	0 - 100%
28	Red 10	000 - 255	0 - 100%
29	Green 10	000 - 255	0 - 100%

30	Blue 10	000 - 255	0 - 100%
31	Red 11	000 - 255	0 - 100%
32	Green 11	000 - 255	0 - 100%
33	Blue 11	000 - 255	0 - 100%
34	Red 12	000 - 255	0 - 100%
35	Green 12	000 - 255	0 - 100%
36	Blue 12	000 - 255	0 - 100%
37	White 1	000 - 255	0 - 100%
38	White2	000 - 255	0 - 100%
39	White3	000 - 255	0 - 100%
40	White4	000 - 255	0 - 100%
41	White5	000 - 255	0 - 100%
42	White6	000 - 255	0 - 100%
43	White7	000 - 255	0 - 100%
44	White8	000 - 255	0 - 100%
45	White9	000 - 255	0 - 100%
46	White10	000 - 255	0 - 100%
47	White11	000 - 255	0 - 100%
48	White12	000 - 255	0 - 100%

21-Channel Mode

Ch.	Function	Values	Description
1	Beam Intensity	000 - 255	blackout to full
2	Beam Duration	000 - 255	7-650 ms
3	Beam Rate	000 - 255	0.289-16.67 Hz
4	Beam FX Shutter	000 - 255	0 - 100%
		0-36	No Function
		37-40	ramp up (= fade on, snap off)

41-44	ramp up random
45-48	ramp down
49-52	ramp down random
53-56	ramp up down
57-60	ramp up down random
61-64	random white beam
65-68	random single pixel of the white beam
69-72	lightning
73-76	spikes (flash over low light)
77-80	white beam, left to right
81-84	white beam, left to right, random
85-88	white beam, right to left
89-92	white beam, right to left, random
93-96	white beam, left to right, bounce
97-100	white beam, left to right, bounce, random
101-104	white beam, right to left, bounce
105-108	white beam, right to left, bounce, random
109-112	zig, 6 steps
113-116	zig, 6 steps, random
117-120	zig, 6 steps, outer to center pixel
121-124	zig, 6 steps, outer to center pixel, random
125-128	zigzag, 10 steps
129-132	zigzag, 10 steps, random
133-179	reserved
180-183	double flash
184-187	double flash, random
188-191	double flash, beam-color
192-195	double flash, beam-color,

			random
		196-199	double flash, color-beam
		200-203	double flash, color-beam, random
		204-207	triple flash
		208-211	triple flash, random
		212-215	triple flash, beam-color-beam
		216-219	triple flash, b-c-b, random
		220-223	triple flash, c-b-c
		224-227	triple flash, c-b-c, random
		228-231	quad flsh
		232-235	quad flash, random
		236-239	quad flash, b-c-b-c
		240-243	quad flash, b-c-b-c, random
		244-247	quad flash, c-b-c-b
		248-251	quad flash, c-b-c-b, random
		252-255	reserved
5	Special / Control	0-49	No Function
		50-54	FX/Pattern Color Priority On
		55-59	FX/Pattern Color Priority Off
		60-69	No Function
		70-74	Normal Tilt Control
		75-79	Inverse Tilt Control
		80-84	Normal Pixel Orientation
		85-89	Inverse Pixel Orientation
		90-209	No Function
		210-214	Duration Percentage Mode On
		215-219	Duration Percentage Mode Off
		220-229	No Function
		230-234	FX/Plate Color Priority On
		235-239	FX/Plate Color Priority Off
		240-247	No Function

		248-255	Reset (Hold > 5 seconds)
6	Color Plate Intensity	000 - 255	blackout to full
7	Color Flash Duration	000 - 255	7-650 ms
8	Color Flash Rate	000 - 255	0.289-16.67 Hz
9	Color FX Shutter	000 - 255	No Function
		0-36	ramp up (fade on, snap off)
		37-40	ramp up, random
		41-44	ramp down
		45-48	ramp down, random
		49-52	ramp up / down
		53-56	ramp up / down, random
		57-60	random white beam
		61-64	random single pixel of the white beam
		65-68	lightning
		69-72	spikes (flash over low light)
		73-76	reserved
		77-179	double flash
		180-191	double flash, random
		192-203	triple flash
		204-215	triple flash, random
		216-227	quad flash
		228-239	quad flash, random
		240-251	no effect
10	Plate Red Intensity	0-255	0 - 100%
11	Plate Green Intensity	0-255	0 - 100%
12	Plate Blue	0-255	0 - 100%

	Intensity		
13	FX Crossfade	0-255	0 - 100%
14	Pattern Color Movement	0-255	0 - 100%
15	Pattern Select Color	0-255	0 - 100%
16	Pattern Beam Movement	0-255	0 - 100%
17	Pattern Select Beam	0-255	0 - 100%
18	Color Set 2, Master Intensity	0-255	0 - 100%
19	Color Set 2, Red intensity	0-255	0 - 100%
20	Color Set 2, Green intensity	0-255	0 - 100%
21	Color Set 2, Blue intensity	0-255	0 - 100%

CLEANING AND MAINTENANCE

We recommend a frequent cleaning of the device. Please use a soft lint-free and moistened cloth. Never use alcohol or solvents!

CAUTION!
Disconnect from mains before starting maintenance operation.

There are no serviceable parts inside the device. Maintenance and service operations are only to be carried out by authorized dealers. If you need any spare parts, please use genuine parts.
If the power supply cable of this device becomes damaged, it has to be replaced by authorized dealers only in order to avoid hazards. If you have further questions, please contact your dealer.

INSTALLATION

The device must only be installed at a vibration-free, oscillation-free and fire-resistant location.