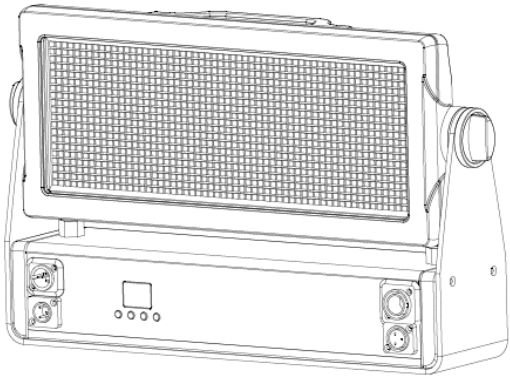
intella
system



SUPER STORM 1500

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

- 600pcs 1W RGB LED, 600pcs 1.2W White LED，no ultraviolet radiation.
- More than 20,000 hours for the LED light source
- 200,000 lm for white version/ 70,000 lm for RGB version
- 120 degrees
- 1/7/11/23/70/55/4/12/48 DMX channels
- 16 Bit Dimmer
- DMX Mode/Master-Slave mode/Pixel mode(can be used as a wash with the output of 300W)
- AC200-240V 50/60Hz 1500W
- Diecasting heatsink with fans Control
- With temperature sensor to extend the lamp's life
- 7000 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
		Channel 4Ch
		Channel 7 Ch
		Channel 8 Ch
		Channel 11 Ch
		Channel 12 Ch
		Channel 23 Ch
		Channel 48 Ch
		Channel 55 Ch
		Channel 70 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	
LED Test	red	0-255
	green	0-255
	blue	0-255
	white	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

DMX Values In-Depth (1-Channel Mode)

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

DMX Values In-Depth (7-Channel Mode)

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

5	**All White LED**	**000 - 255**	**0 - 100%**
6	**Duration**	**000 - 255**	**0 - 100%**
7	**Strobe**	**000 - 010**	**No function**
		011 - 255	**From slow to fast**

DMX Values In-Depth (-Channel Mode)

Ch.	Function	Values	Description
1	**Master Dimmer**	**000 - 255**	**0 - 100%**
2	**All Red LED**	**000 - 255**	**0 - 100%**
3	**All Green LED**	**000 - 255**	**0 - 100%**
4	**All Blue LED**	**000 - 255**	**0 - 100%**
5	**All White LED**	**000 - 255**	**0 - 100%**
6	**Duration**	**000 - 255**	**0 - 100%**
7	**Strobe**	**000 - 010**	**No function**
		011 - 255	**From slow to fast**
8	**Speed**	**000 - 254**	**Fast to slow**
		255	**Tungsten Effect**

DMX Values In-Depth (11-Channel Mode)

Ch.	Function	Values	Description
1	**Master Dimmer**	**000 - 255**	**0 - 100%**
2	**Master Dimmer fine**	**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	**All White LED**	**000 - 255**	**0 - 100%**
7	**Duration**	**000 - 255**	**0 - 100%**
8	**Strobe**	**000 - 010**	**No function**
		011 - 255	**From slow to fast**
9	**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
10	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
11	speed	000 - 254	Fast to slow
		255	Tungsten effect

DMX Values In-Depth (23-Channel Mode)

Ch.	Function	Values	Description
1	Master Dimmer	000 - 255	0 - 100%
2	Master Dimmer fine	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	All White LED	000 - 255	0 - 100%
7	Duration	000 - 255	0 - 100%
8	Strobe	000 - 010	No function
		011 - 255	From slow to fast
9	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

10	**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**
11	**speed**	**000 - 254**	**Fast to slow**
12	**Red Block1**	**000 - 255**	**0 - 100%**
13	**Green Block1**	**000 - 255**	**0 - 100%**
14	**Blue Block1**	**000 - 255**	**0 - 100%**
15	**White Block1**	**000 - 255**	**0 - 100%**
16	**Red Block2**	**000 - 255**	**0 - 100%**
17	**Green Block2**	**000 - 255**	**0 - 100%**
18	**Blue Block2**	**000 - 255**	**0 - 100%**
19	**White Block2**	**000 - 255**	**0 - 100%**
20	**Red Block3**	**000 - 255**	**0 - 100%**
21	**Green Block3**	**000 - 255**	**0 - 100%**
22	**Blue Block3**	**000 - 255**	**0 - 100%**
23	**White Block3**	**000 - 255**	**0 - 100%**

DMX Values In-Depth (70-Channel Mode)

Ch.	Function	Values	Description
1	**Master Dimmer**	**000 - 255**	**0 - 100%**
2	**Master Dimmer fine**	**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	**All White LED**	**000 - 255**	**0 - 100%**
7	**Duration**	**000 - 255**	**0 - 100%**
8	**Strobe**	**000 - 010**	**No function**
		011 - 255	**From slow to fast**

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 Block1**	**000 - 255**	**0 - 100%**
12	**Green Block1**	**000 - 255**	**0 - 100%**
13	**Blue Block1**	**000 - 255**	**0 - 100%**
14	**White Block1**	**000 - 255**	**0 - 100%**
15	**Red Block2**	**000 - 255**	**0 - 100%**
16	**Green Block2**	**000 - 255**	**0 - 100%**
17	**Blue Block2**	**000 - 255**	**0 - 100%**
18	**White Block2**	**000 - 255**	**0 - 100%**
19	**Red Block3**	**000 - 255**	**0 - 100%**
20	**Green Block3**	**000 - 255**	**0 - 100%**
21	**Blue Block3**	**000 - 255**	**0 - 100%**
22	**White Block3**	**000 - 255**	**0 - 100%**
23	**Red 1**	**000 - 255**	**0 - 100%**
24	**Green 1**	**000 - 255**	**0 - 100%**
25	**Blue 1**	**000 - 255**	**0 - 100%**
26	**White 1**	**000 - 255**	**0 - 100%**
27	**Red 2**	**000 - 255**	**0 - 100%**
28	**Green 2**	**000 - 255**	**0 - 100%**
29	**Blue 2**	**000 - 255**	**0 - 100%**
30	**White 2**	**000 - 255**	**0 - 100%**
31	**Red 3**	**000 - 255**	**0 - 100%**
32	**Green 3**	**000 - 255**	**0 - 100%**
33	**Blue 3**	**000 - 255**	**0 - 100%**
34	**White 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	**White 4**	**000 - 255**	**0 - 100%**
39	**Red 5**	**000 - 255**	**0 - 100%**
40	**Green 5**	**000 - 255**	**0 - 100%**
41	**Blue 5**	**000 - 255**	**0 - 100%**
42	**White 5**	**000 - 255**	**0 - 100%**
43	**Red 6**	**000 - 255**	**0 - 100%**
44	**Green 6**	**000 - 255**	**0 - 100%**
45	**Blue 6**	**000 - 255**	**0 - 100%**
46	**White 6**	**000 - 255**	**0 - 100%**
47	**Red 7**	**000 - 255**	**0 - 100%**
48	**Green 7**	**000 - 255**	**0 - 100%**
49	**Blue 7**	**000 - 255**	**0 - 100%**
50	**White 7**	**000 - 255**	**0 - 100%**
51	**Red 8**	**000 - 255**	**0 - 100%**
52	**Green 8**	**000 - 255**	**0 - 100%**
53	**Blue 8**	**000 - 255**	**0 - 100%**
54	**White 8**	**000 - 255**	**0 - 100%**
55	**Red 9**	**000 - 255**	**0 - 100%**
56	**Green 9**	**000 - 255**	**0 - 100%**
57	**Blue 9**	**000 - 255**	**0 - 100%**
58	**White 9**	**000 - 255**	**0 - 100%**
59	**Red 10**	**000 - 255**	**0 - 100%**
60	**Green 10**	**000 - 255**	**0 - 100%**
61	**Blue 10**	**000 - 255**	**0 - 100%**
62	**White 10**	**000 - 255**	**0 - 100%**
63	**Red 11**	**000 - 255**	**0 - 100%**
64	**Green 11**	**000 - 255**	**0 - 100%**
65	**Blue 11**	**000 - 255**	**0 - 100%**
66	**White 11**	**000 - 255**	**0 - 100%**
67	**Red 12**	**000 - 255**	**0 - 100%**

68	**Green 12**	**000 - 255**	**0 - 100%**
69	**Blue 12**	**000 - 255**	**0 - 100%**
70	**White 12**	**000 - 255**	**0 - 100%**

DMX Values In-Depth (55-Channel Mode)

Ch.	Function	Values	Description
1	**Master Dimmer**	**000 - 255**	**0 - 100%**
2	**Master Dimmer fine**	**000 - 255**	**0 - 100%**
3	**Duration**	**000 - 255**	**0 - 100%**
4	**Strobe**	**000 - 010**	**No function**
		011 - 255	**From slow to fast**
5	**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**
6	**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**
7	**speed**	**000 - 254**	**Fast to slow**
8	**Red 1**	**000 - 255**	**0 - 100%**
9	**Green 1**	**000 - 255**	**0 - 100%**
10	**Blue 1**	**000 - 255**	**0 - 100%**
11	**White 1**	**000 - 255**	**0 - 100%**
12	**Red 2**	**000 - 255**	**0 - 100%**
13	**Green 2**	**000 - 255**	**0 - 100%**
14	**Blue 2**	**000 - 255**	**0 - 100%**

15	**White 2**	**000 - 255**	**0 - 100%**
16	**Red 3**	**000 - 255**	**0 - 100%**
17	**Green 3**	**000 - 255**	**0 - 100%**
18	**Blue 3**	**000 - 255**	**0 - 100%**
19	**White 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	**White 4**	**000 - 255**	**0 - 100%**
24	**Red 5**	**000 - 255**	**0 - 100%**
25	**Green 5**	**000 - 255**	**0 - 100%**
26	**Blue 5**	**000 - 255**	**0 - 100%**
27	**White 5**	**000 - 255**	**0 - 100%**
28	**Red 6**	**000 - 255**	**0 - 100%**
29	**Green 6**	**000 - 255**	**0 - 100%**
30	**Blue 6**	**000 - 255**	**0 - 100%**
31	**White 6**	**000 - 255**	**0 - 100%**
32	**Red 7**	**000 - 255**	**0 - 100%**
33	**Green 7**	**000 - 255**	**0 - 100%**
34	**Blue 7**	**000 - 255**	**0 - 100%**
35	**White 7**	**000 - 255**	**0 - 100%**
36	**Red 8**	**000 - 255**	**0 - 100%**
37	**Green 8**	**000 - 255**	**0 - 100%**
38	**Blue 8**	**000 - 255**	**0 - 100%**
39	**White 8**	**000 - 255**	**0 - 100%**
40	**Red 9**	**000 - 255**	**0 - 100%**
41	**Green 9**	**000 - 255**	**0 - 100%**
42	**Blue 9**	**000 - 255**	**0 - 100%**
43	**White 9**	**000 - 255**	**0 - 100%**
44	**Red 10**	**000 - 255**	**0 - 100%**
45	**Green 10**	**000 - 255**	**0 - 100%**
46	**Blue 10**	**000 - 255**	**0 - 100%**

47	**White 10**	**000 - 255**	**0 - 100%**
48	**Red 11**	**000 - 255**	**0 - 100%**
49	**Green 11**	**000 - 255**	**0 - 100%**
50	**Blue 11**	**000 - 255**	**0 - 100%**
51	**White 11**	**000 - 255**	**0 - 100%**
52	**Red 12**	**000 - 255**	**0 - 100%**
53	**Green 12**	**000 - 255**	**0 - 100%**
54	**Blue 12**	**000 - 255**	**0 - 100%**
55	**White 12**	**000 - 255**	**0 - 100%**

DMX Values In-Depth (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%**

DMX Values In-Depth (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%**

DMX Values In-Depth (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	White 1	000 - 255	0 - 100%
5	Red 2	000 - 255	0 - 100%
6	Green 2	000 - 255	0 - 100%
7	Blue 2	000 - 255	0 - 100%
8	White 2	000 - 255	0 - 100%
9	Red 3	000 - 255	0 - 100%
10	Green 3	000 - 255	0 - 100%
11	Blue 3	000 - 255	0 - 100%
12	White 3	000 - 255	0 - 100%
13	Red 4	000 - 255	0 - 100%
14	Green 4	000 - 255	0 - 100%
15	Blue 4	000 - 255	0 - 100%
16	White 4	000 - 255	0 - 100%
17	Red 5	000 - 255	0 - 100%
18	Green 5	000 - 255	0 - 100%
19	Blue 5	000 - 255	0 - 100%
20	White 5	000 - 255	0 - 100%
21	Red 6	000 - 255	0 - 100%
22	Green 6	000 - 255	0 - 100%
23	Blue 6	000 - 255	0 - 100%
24	White 6	000 - 255	0 - 100%
25	Red 7	000 - 255	0 - 100%
26	Green 7	000 - 255	0 - 100%
27	Blue 7	000 - 255	0 - 100%
28	White 7	000 - 255	0 - 100%
29	Red 8	000 - 255	0 - 100%
30	Green 8	000 - 255	0 - 100%

31	**Blue 8**	**000 - 255**	**0 - 100%**
32	**White 8**	**000 - 255**	**0 - 100%**
33	**Red 9**	**000 - 255**	**0 - 100%**
34	**Green 9**	**000 - 255**	**0 - 100%**
35	**Blue 9**	**000 - 255**	**0 - 100%**
36	**White 9**	**000 - 255**	**0 - 100%**
37	**Red 10**	**000 - 255**	**0 - 100%**
38	**Green 10**	**000 - 255**	**0 - 100%**
39	**Blue 10**	**000 - 255**	**0 - 100%**
40	**White 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	**White 11**	**000 - 255**	**0 - 100%**
45	**Red 12**	**000 - 255**	**0 - 100%**
46	**Green 12**	**000 - 255**	**0 - 100%**
47	**Blue 12**	**000 - 255**	**0 - 100%**
48	**White 12**	**000 - 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.