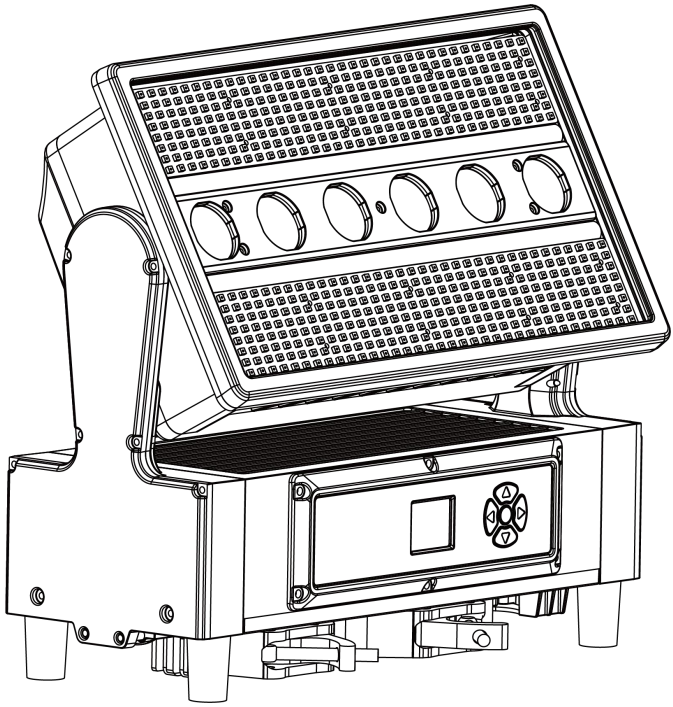
S2600

IP65 Thunderbolt Strobe & Beam



User Manual

Please read manual carefully before use

CONTENTS

1.Safety Instructions 3
2. Technical Specification 5
3. DMX Set Up 7
4. Display 8
5. Menu 9
6. LUX Data 13
7. DMX Channel List 14
8. Mounting 36
9. Product Size 37
10. Attention 38
11. Trouble Shooting 38
A. The unit does not work, no light and the fan does not work 38
B. No response to DMX controller 38
C. One of the channels is not working well 39
12. Fixture Cleaning 39

Thank you for choosing our LED lights. Each facility has been rigorously tested. Please check whether the facility has been damaged during transportation. If you find any parts are missing or broken, please contact the manufacturer immediately. Please do not return the product without any notice!

1.Safety Instructions

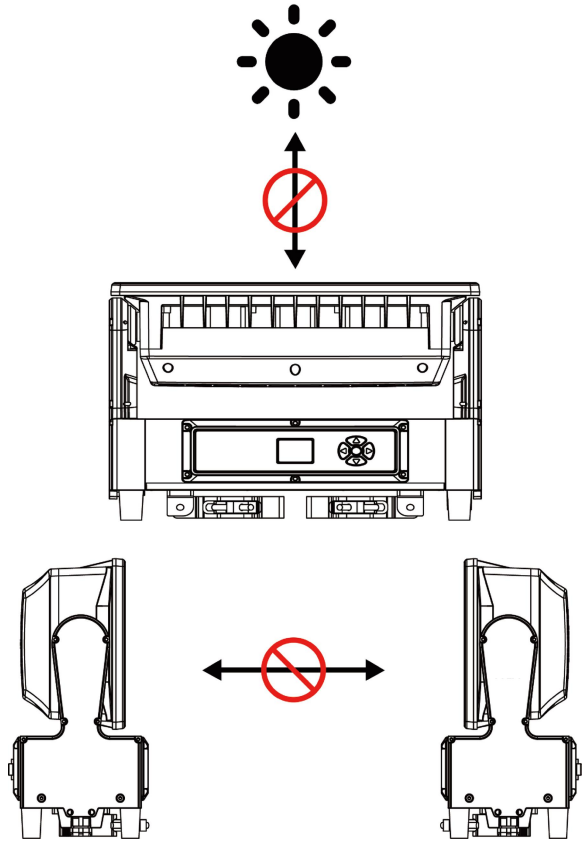
Please read this manual carefully, which includes important information on installation,use and maintenance.

Attention

- Please keep this USER MANUAL for future consultation. If you sell the facility to another user, be sure that they also receive this USER MANUAL.
- Please open and check in details and make sure there is no transportation damage.
- Before operating, ensure that the voltage and frequency of power supply match the power requirements of the facility.
- It's important to ground the yellow/green conductor to earth in order to avoid electric shock.
- The facility must be installed in a location with adequate ventilation, at least 50 cm from adjacent surfaces. Be sure that no ventilation slots are blocked.
- Make sure the power is disconnected before removing the facility.
- Make sure there are no flammable materials close to the unit while operating as it is fire hazard.
- Use safety cable when fixes this facility. Do not handle the facility by taking its head only, but always by taking its base.
- Maximum ambient temperature is 40℃. Do not operate it where the temperature is higher than this.
- Please stop using the facility for serious operating problems. Stop using the facility immediately. Never try to repair the facility by yourself, but be a professional technician. Please contact the supplier's service department

for technical support.

- Do not touch any wire during operation as high voltage might be causing electric shock.
- When the housing or lens is damaged, it must be replaced.
- Direct sunlight or any other strong light source penetrating the lens of the light will cause serious internal damage to the facility. During unpacking, installation, use and long-term outdoor idleness, it is forbidden to expose the lens of the facility to direct sunlight or any other strong light source at any angle. It is forbidden to aim the beam of one light directly at another light.



Caution

There are no accessories available, do not open the housing and try to repair the facilities yourself. Please contact our company for after service.

Installation

The unit should be mounted via its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. And make sure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times of the unit's weight. Also always use a safety cable that can hold 12 times of the weight of the unit when installing the fixture.

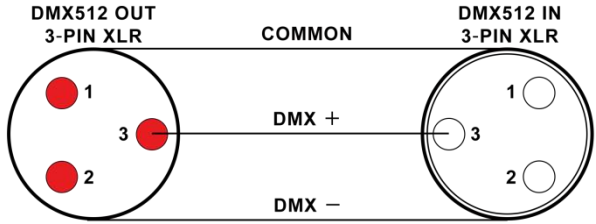
The facility must be installed by professionals, and keep it far away from fire, walking road, and easy touched place.

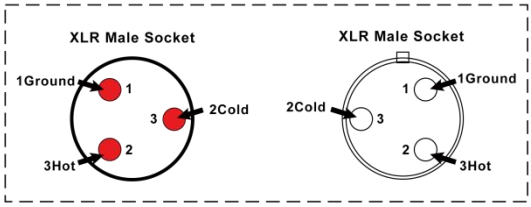
2. Technical Specification

Light Source	576*1W RGBW LED 96*10W White LED 6*40W RGBW LED
LED Lifetime	≥ 50000H
Power Voltage	AC100-240V, 50-60Hz
Power Consumption	850W±5%,Power factor PF≥0.95
Beam Angle	4.5°
Control Modes	DMX512/ Auto/ Sound/ Master/ Manual/ RDM/ ArtNet (optional）
DMX Channel	Control channels: 16/ 18/ 22/ 36/ 40/ 52 six master

	control modes; 35/65/95/97 four pixel modes; 11+54/11+84/13+84 three DMX ArtNet pixel modes) a total of 13 channel modes
Protection Rating	IP65
Display	TFT1.8 display
Data In/Out Socket	3-pin / 5-pin XLR sockets
Power Socket	Power-Con in/ out
Housing Material	Die-cast aluminum
Tilt	190°accuracy 0.86°/step, fine-tuning accuracy: 0.0034°
Pan/Tilt Resolution	Automatically correct pan/tilt position
MAX. Connection	4 units（240V，50Hz） 2.5mm² power cable
	2 units（100V，60Hz） 2.5mm² power cable
Dimension	427mm*238mm*333mm
Net Weight	16 kg
Carton Package	515mm*420mm*325mm 1in1 GW: 19.2 kg
Flight Case	950mm*625mm*595mm 4in1 GW: 100.99 kg
Features	Full light range dimming, 256-level dimming accuracy; fast strobe 1~25Hz; 576 1W LED are divided into 12 segments, 96 10W LED are divided into 12 segments, and 6 40W LED are single-point control; preset multiple color macro functions; preset multiple effect (single control, segment control, strobe) macro functions;
Configuration	Signal cable 1pc
	Power cable 1pc
	Manual 1pc

3. DMX Set Up





XLR Pin Configuration
pin 1=Ground
pin 2=Data Compliment (negative)
pin 3=Data true (positive)

Pin1: Ground **pin2: Negative** **pin3: Positive**

DMX Connection

To ensure optimal transmission of DMX data, please connect facilities in the shortest way. The connection order won't affect the DMX address code. For example, if the address code is set to 1, no matter where the facility is connected, its address code will not change. This is determined by the principle of the DMX controller.

Operation method

You can operate in the following three modes:

- Auto mode - the light can automatically complete all color changes
- DMX control mode - each light can be individually controlled by a standard DMX512 console
- Master mode - any light can work as a host in any of the above modes, and the other lights will work synchronously as slaves

4. Display

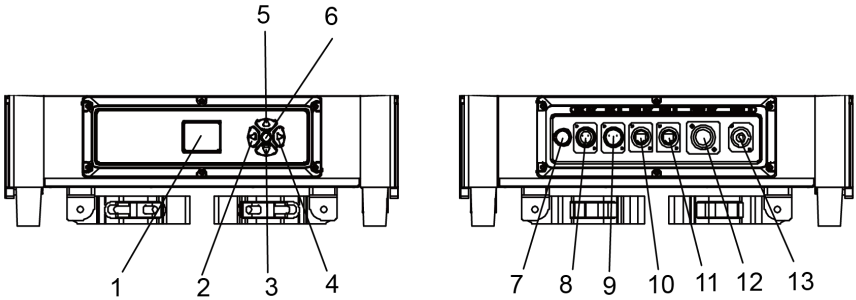
There are five buttons on the LED panel: ESC, UP, DOWN, ENTER and SAVE.

Display

1-ESC 2-UP 3-DOWN 4-ENTER 5-SAVE

Please press the "ESC" to exit or return to the previous menu, press "UP" or "DOWN" to select the upper and lower menus or adjust the values, and press "ENTER" to confirm.

FRONT VIEW **REAR VIEW**



After powering on, the facility will automatically return to the last operation when it was powered off, then get into standby status. For more details, please refer to the information below↓

5. Menu

Menu	1.Pan Degree	1.540 2.360	Pan running angle selection
	2.Mic Sense	001-100	Sound control sensitivity adjustment
	3.Language	1.English	
		2.Chinese	
	4.No Signal	1.Black Out 2.Hold	
	5.Fan Set	1.Auto 2.Low 3.High	
	6.Dimmer Mode	1.Mode 1	Dimming mode selection
		2.Mode 2	
		3.Mode 3	
		4.Mode 4	
		5.Mode 5	
	Gamma	1.Gamma 2.0	

	Curve	2.Gamma 2.2	
		3.Gamma 2.4	
		4.Gamma 2.6	
	8.Art Net Set	1.Art Net Enable：1.ON 2.OFF	
		2.Universe:0-255	
		3.IP Mode：A.2.X.X.X Auto B.10.X.X.X Auto C. Customer	
		4.Custom IP:192.168.000.001	
		5.Sub Net Mask：255.000.000.000	
	9.Reset	1.Yes	Reset
		2.No	
	10.Default	1.Yes	Restore factory settings
		2.No	
	11.Adjust	Password：****	Changing the value of Tilt can correct the angle; changing the value of R/G/B/W can adjust the white balance
		1.Tilt:0-255	
		2.Red 1：0-255	
		3.Green 1：0-255	
		4.Blue 1：0-255	
		5.White 1：0-255	
		6.Red 2：0-255	

		7.Green 2：0-255	
		8.Blue 2：0-255	
		9.White 2：0-255	
Address	001-512		Set the address code from 001 to 512
Reverse	1.Tilt	1.YES 2.NO	
	2.Display	1.YES 2.NO	
	3.Pixel	1.YES 2.NO	
Information	1.CH Value		Display all channel information
	2.Temperature ℃		Display LED board temperature
	3.Version		Program version number
	4.IP	IP 002.018.016.085	Default IP
	5.Mask	Mask 255.000.000.000	Default submask
	6.Use time		Show the using time
	7.Clear time		
Mode	1.DMX 512		Setting the control mode
	2.Auto	1.Master 2.Alone	
	3.Sound	1.Master 2.Alone	

	4.Manual	1.Master 2.Alone	1.Tilt:0-255	Manual Control
			2.Red 1：0-255	
			3.Green 1：0-255	
			4.Blue 1：0-255	
			5.White 1：0-255	
			6.Led 1 Auto：0-255	
			7.Led 1 Auto Speed：0-255	
			8.Red 2：0-255	
			9.Green 2：0-255	
			10.Blue 2：0-255	
			11.White 2：0-255	
			12.Led 2 Auto：0-255	
			13.Led 2 Auto Speed：0-255	
			14.CW	
			15.CW Auto：0-255	
			16.CW Auto Speed：0-255	
			17.Strobe：0-255	

6. LUX Data

Beam Angle = 4.5°

Middle LED:(WASH)

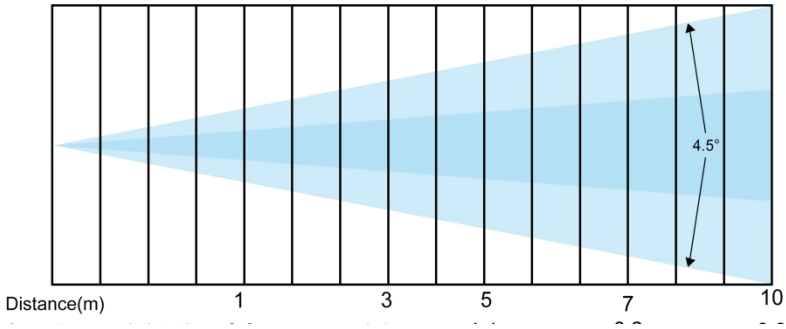
R lux	27500	3055	1100	275	122
R lux	54500	6055	2180	1112	545
G lux	8750	972	350	178	87.5
B lux	75750	8416	3030	1545	757
4in1 lux	147250	16361	5890	3005	1472

Middle LED:(96*10W)

W lux	24500	2722	980	500	245

Both sides LED:(576*1W)

R lux	750	83.3	30	15.7	7.5
G lux	1385	153	55.4	28.2	13.8
B lux	282	31.4	11.3	5.77	2.8
W lux	1687	187	67.5	34.4	16.9
4in1 lux	3600	400	144	73.5	36



7. DMX Channel List

▶ **17CH Mode(test)**

CH	Function	DMX Value	Description
1	Tilt	0-255	Tilt control
2	Tilt fine-tuning	0-255	Tilt fine-tuning control
3	Tilt speed	0-255	Speed from fast to slow
4	Reset	0-250	No function
		251-255	Reset within 5s
5	Dimming	0-255	linear dimming from dark to bright
6	Dimming adjustment	0-255	Fine adjustment
7	Strobe	000-020	Strobe dimming
		021-060	Flash, from slow to fast
		061-100	Slow on and fast off, from slow to fast
		101-140	Fast on and slow off, from slow to fast
		141-180	Slow on and slow off, from slow to fast
		181-220	Random strobe, from slow to fast
		221-255	No function
8	Main light red	0-255	Red dimming
9	Main light green	0-255	Green dimming
10	Main light blue	0-255	Blue dimming
11	Main light white	0-255	White dimming
12	Strobe light red	0-255	Red dimming
13	Strobe light green	0-255	Green dimming
14	Strobe light blue	0-255	Blue dimming
15	Strobe light white	0-255	White dimming
16	Strobe light cold white	0-255	Cool white dimming
17	Fan speed control	0-255	Fan speed from slow to fast

▶Master Mode

DMX512 signal control or ArtNet signal control								
CH						**Function**	**DMX Value**	**Description**
16 ch	18 ch	22 ch	36 ch	40 ch	52 ch			
1	1	1	1	1	1	Tilt	0-255	Tilt control
2	2	2	2	2	2	Tilt adjust	0-255	Tilt adjust control
3	3	3	3	3	3	Tilt speed	0-255	Speed from fast to slow
4	4	4	4	4	4	Reset	0-250	No function
							251-255	Reset within 5s
5	5		5			Dimmer	0-255	Dim from dark to bright
6	6		6			Dimmer adjustment	0-255	adjust dimming
		5		5	5	Main light dimming	0-255	Dim from dark to bright
		6		6	6	Main light dimming adjust adjustment	0-255	adjust dimming
7						Total strobe	000-020	No function
							021-060	Flash, from slow to fast
							061-100	Slow on and fast off, from slow to fast
							101-140	Fast on and slow off, from slow to fast
							141-180	Slow on and slow off, from slow to fast
							181-220	Random strobe, from slow to fast
							221-255	Light on

DMX512 signal control or ArtNet signal control								
CH						**Function**	**DMX Value**	**Description**
16 ch	18 ch	22 ch	36 ch	40 ch	52 ch			
	7	7	7	7	7	Main light strobe	000-020	No function
							021-060	Flash, from slow to fast
							061-100	Slow on and fast off, from slow to fast
							101-140	Fast on and slow off, from slow to fast
							141-180	Slow on and slow off, from slow to fast
							181-220	Random strobe, from slow to fast
							221-255	Light on
		8		8	8	Strobe light dimming	0-255	from dark to bright
		9		9	9	Strobe light dimming adjust adjustment	0-255	dimming adjust adjustment
	8	10	8	10	10	strobe	000-020	No function
							021-060	Flash, from slow to fast
							061-100	Slow on and fast off, from slow to fast
							101-140	Fast on and slow off, from slow to fast
							141-180	Slow on and slow off, from slow to fast
							181-220	Random strobe, from slow to fast

DMX512 signal control or ArtNet signal control								
CH						**Function**	**DMX Value**	**Description**
16 ch	18 ch	22 ch	36 ch	40 ch	52 ch			
							221-255	Light on
		11		11	11	Strobe bar dimming	0-255	from dark to bright
		12		12	12	Strobe bar dimming adjust	0-255	dimming adjust adjustment
	9	13	9	13	13	Strobe bar strobe	000-020	No function
							021-060	Flash, from slow to fast
							061-100	Slow on and fast off, from slow to fast
							101-140	Fast on and slow off, from slow to fast
							141-180	Slow on and slow off, from slow to fast
							181-220	Random strobe, from slow to fast
							221-255	Light on
8	10	14	10	14	14	Main light red	0-255	Red dimming
9	11	15	11	15	15	Main light green	0-255	Green dimming
10	12	16	12	16	16	Main light blue	0-255	Blue dimming
11	13	17	13	17	17	Main light white	0-255	White dimming
			14	18	18	Main light color temperature	0-4	No function
							5-255	Color temperature from warm to cold
			15	19	19	Main light	0-9	No function

DMX512 signal control or ArtNet signal control								
CH						**Function**	**DMX Value**	**Description**
16 ch	18 ch	22 ch	36 ch	40 ch	52 ch			
						macro color	10-255	Macro color
			16	20	20	Main light built-in effect	When performing, you need to select colors. The color is selected by the front color channel, and the background color is selected by the main light effect background macro color or background color channel at the back.	
							0-9	No function
							10-12	Effect 1
							13-15	Effect 2
							.....（3in 1）	.....
							103-105	Effect 32
							106-255	Reserved
			17	21	21	Main light effect pan	0-255	Select built-in effect scene shift
			18	22	22	Main light effect speed	0-9	No function
							10-132	Forward, from fast to slow
							133-255	Reverse, from slow to fast
			19	23	23	Main light effect fade	0-255	Effect fade in and out
					24	Main light effect background total dimming	0-255	Background 0-100% dimming
					25	Main light effect background	0-255	Background strobe from slow to fast

DMX512 signal control or ArtNet signal control								
CH						**Function**	**DMX Value**	**Description**
16 ch	18 ch	22 ch	36 ch	40 ch	52 ch			
						strobe		
			20	24	26	Main light effect background macro color	0-9	No function
							10-255	Macro color
					27	Main light effect background red	0-255	Effect background red
					28	Main light effect background green	0-255	Effect background green
					29	Main light effect background blue	0-255	Effect background blue
					30	Main light effect background white	0-255	Effect background white
12	14	18	21	25	31	Strobe light red	0-255	Red dimming
13	15	19	22	26	32	Strobe light green	0-255	Green dimming
14	16	20	23	27	33	Strobe light blue	0-255	Blue dimming
15	17	21	24	28	34	Strobe light white	0-255	White dimming
			25	29	35	Strobe light color temperature	0-4	No function
							5-255	Color temperature from warm to cold
			26	30	36	Strobe light macro color	0-9	No function
							10-255	Macro color

DMX512 signal control or ArtNet signal control								
CH						**Function**	**DMX Value**	**Description**
16 ch	18 ch	22 ch	36 ch	40 ch	52 ch			
			27	31	37	Strobe built-in effects	Color selection is required during performance. The color is selected from the front color channel, and the background color is selected from the background macro color or background color channel of the back strobe light effect.	
							0-9	No function
							10-12	Effect 1
							13-15	Effect 2
							...（3in 1）	.....
							103-105	Effect 32
							106-255	Reserve
			28	32	38	Strobe effect pan	0-255	Select built-in effect scene shift
			29	33	39	Strobe effect speed	0-9	No function
							10-132	Forward, from fast to slow
							133-255	Reverse, from slow to fast
			30	34	40	Strobe effect fade	0-255	Effect fade in and out
					41	Strobe effect background total dimming	0-255	Background 0-100% dimming
					42	Strobe effect background strobe	0-255	Background strobe from slow to fast

DMX512 signal control or ArtNet signal control								
CH						**Function**	**DMX Value**	**Description**
16	18	22	36	40	52			
ch	ch	ch	ch	ch	ch			
			31	35	43	Strobe effect background macro color	0-9	No function
							10-255	Macro color
					44	Strobe light effect background red	0-255	Effect background red
					45	Strobe light effect background green	0-255	Effect background green
					46	Strobe light effect background blue	0-255	Effect background blue
					47	Strobe light effect background white	0-255	Effect background white
16	18	22	32	36	48	Strobe bar cold white	0-255	Cold white dimming
			33	37	49	Strobe bar built-in effect	0-9	No function
							10-12	Effect 1
							13-15	Effect 2
							...（3in 1）	.....
							103-105	Effect 32
							106-255	Retain
			34	38	50	Strobe bar effect panning	0-255	Select built-in effect scene translation
			35	39	51	Strobe bar	0-9	No function

DMX512 signal control or ArtNet signal control								
CH						**Function**	**DMX Value**	**Description**
16 ch	18 ch	22 ch	36 ch	40 ch	52 ch			
						effect speed	10-132	Forward, from fast to slow
							133-255	Reverse, from slow to fast
			36	40	52	Strobe bar effect fade	0-255	Effect fade in and out

▶DMX Pixel Mode

DMX512 signal control or ArtNet signal control						
CH				**Function**	**DMX Value**	**Description**
35 ch	65 ch	95 ch	97 ch			
1	1	1	1	Tilt	0-255	Tilt control
2	2	2	2	Tilt adjust	0-255	Tilt adjust control
3	3	3	3	Tilt speed	0-255	Speed from fast to slow
4	4	4	4	Reset	0-250	No function
					251-255	Reset within 5s
5	5	5		Total dimming	0-255	from dark to bright
			5	Main light dimming	0-255	from dark to bright
			6	Strobe light dimming	0-255	from dark to bright
			7	Strobe strip dimming	0-255	from dark to bright
6	6	6	8	Main light strobe	000-020	No function

DMX512 signal control or ArtNet signal control						
CH				**Function**	**DMX Value**	**Description**
35 ch	65 ch	95 ch	97 ch			
					021-060	Flash, from slow to fast
					061-100	Slow on and fast off, from slow to fast
					101-140	Fast on and slow off, from slow to fast
					141-180	Slow on and slow off, from slow to fast
					181-220	Random strobe, from slow to fast
					221-255	Light on
7	7	7	9	Strobe light strobe	000-020	No function
					021-060	Flash, from slow to fast
					061-100	Slow on and fast off, from slow to fast
					101-140	Fast on and slow off, from slow to fast
					141-180	Slow on and slow off, from slow to fast
					181-220	Random strobe, from slow to fast
					221-255	Light on
8	8	8	10	Strobe bar strobe	000-020	No function
					021-060	Flash, from slow to fast
					061-100	Slow on and fast off, from slow to fast
					101-140	Fast on and slow off, from slow to fast
					141-180	Slow on and slow off, from slow to fast
					181-220	Random strobe, from slow to fast

DMX512 signal control or ArtNet signal control						
CH				**Function**	**DMX Value**	**Description**
35 ch	65 ch	95 ch	97 ch			
					221-255	Light on
	9	9	11	Main light effect fade	0-255	Effect fade in and out
	10	10	12	Strobe light effect fade	0-255	Effect fade in and out
	11	11	13	Strobe strip effect fade	0-255	Effect fade in and out
				Main light red	0-255	Red dimming
				Main light green	0-255	Green dimming
				Main light blue	0-255	Blue dimming
				Main light white	0-255	White dimming
9	12	12	14	Main light red 1	0-255	Red dimming
10	13	13	15	Main light green 1	0-255	Green dimming
11	14	14	16	Main light blue 1	0-255	Blue dimming
12	15	15	17	Main light white 1	0-255	White dimming
13	16	16	18	Main light red 2	0-255	Red dimming
14	17	17	19	Main light green 2	0-255	Green dimming
15	18	18	20	Main light blue 2	0-255	Blue dimming
16	19	19	21	Main light white 2	0-255	White dimming
17	20	20	22	Main light red 3	0-255	Red dimming
18	21	21	23	Main light green 3	0-255	Green dimming
19	22	22	24	Main light blue 3	0-255	Blue dimming
20	23	23	25	Main light white 3	0-255	White dimming
	24	24	26	Main light red 4	0-255	Red dimming
	25	25	27	Main light green 4	0-255	Green dimming

DMX512 signal control or ArtNet signal control						
CH				**Function**	**DMX Value**	**Description**
35 ch	65 ch	95 ch	97 ch			
	26	26	28	Main light blue 4	0-255	Blue dimming
	27	27	29	Main light white 4	0-255	White dimming
	28	28	30	Main light red 5	0-255	Red dimming
	29	29	31	Main light green 5	0-255	Green dimming
	30	30	32	Main light blue 5	0-255	Blue dimming
	31	31	33	Main light white 5	0-255	White dimming
	32	32	34	Main light red 6	0-255	Red dimming
	33	33	35	Main light green 6	0-255	Green dimming
	34	34	36	Main light blue 6	0-255	Blue dimming
	35	35	37	Main light white 6	0-255	White dimming
21	36	36	38	Strobe light red 1	0-255	Red dimming
22	37	37	39	Strobe light green 1	0-255	Green dimming
23	38	38	40	Strobe light blue 1	0-255	Blue dimming
24	39	39	41	Strobe light white 1	0-255	White dimming
25	40	40	42	Strobe light red 2	0-255	Red dimming
26	41	41	43	Strobe light green 2	0-255	Green dimming
27	42	42	44	Strobe light blue 2	0-255	Blue dimming
28	43	43	45	Strobe light white 2	0-255	White dimming
29	44	44	46	Strobe light red 3	0-255	Red dimming
30	45	45	47	Strobe light green 3	0-255	Green dimming
31	46	46	48	Strobe light blue 3	0-255	Blue dimming
32	47	47	49	Strobe light white 3	0-255	White dimming

DMX512 signal control or ArtNet signal control						
CH				**Function**	**DMX Value**	**Description**
35 ch	65 ch	95 ch	97 ch			
	48	48	50	Strobe light red 4	0-255	Red dimming
	49	49	51	Strobe light green 4	0-255	Green dimming
	50	50	52	Strobe light blue 4	0-255	Blue dimming
	51	51	53	Strobe light white 4	0-255	White dimming
	52	52	54	Strobe red 5	0-255	Red dimming
	53	53	55	Strobe green 5	0-255	Green dimming
	54	54	56	Strobe blue 5	0-255	Blue dimming
	55	55	57	Strobe white 5	0-255	White dimming
	56	56	58	Strobe red 6	0-255	Red dimming
	57	57	59	Strobe green 6	0-255	Green dimming
	58	58	60	Strobe blue 6	0-255	Blue dimming
	59	59	61	Strobe white 6	0-255	White dimming
		60	62	Strobe red 7	0-255	Red dimming
		61	63	Strobe green 7	0-255	Green dimming
		62	64	Strobe blue 7	0-255	Blue dimming
		63	65	Strobe white 7	0-255	White dimming
		64	66	Strobe red 8	0-255	Red dimming
		65	67	Strobe green 8	0-255	Green dimming
		66	68	Strobe blue 8	0-255	Blue dimming
		67	69	Strobe white 8	0-255	White dimming
		68	70	Strobe red 9	0-255	Red dimming
		69	71	Strobe green 9	0-255	Green dimming
		70	72	Strobe blue 9	0-255	Blue dimming

DMX512 signal control or ArtNet signal control						
CH				**Function**	**DMX Value**	**Description**
35 ch	65 ch	95 ch	97 ch			
		71	73	Strobe white 9	0-255	White dimming
		72	74	Strobe red 10	0-255	Red dimming
		73	75	Strobe green 10	0-255	Green dimming
		74	76	Strobe blue 10	0-255	Blue dimming
		75	77	Strobe white 10	0-255	White dimming
		76	78	Strobe red 11	0-255	Red dimming
		77	79	Strobe green 11	0-255	Green dimming
		78	80	Strobe blue 11	0-255	Blue dimming
		79	81	Strobe white 11	0-255	White dimming
		80	82	Strobe red 12	0-255	Red dimming
		81	83	Strobe green 12	0-255	Green dimming
		82	84	Strobe light blue 12	0-255	Blue dimming
		83	85	Strobe light white 12	0-255	White dimming
33	60	84	86	Strobe bar cold white 1	0-255	Cool white dimming
34	61	85	87	Strobe bar cold white 2	0-255	Cool white dimming
35	62	86	88	Strobe bar cold white 3	0-255	Cool white dimming
	63	87	89	Strobe bar cold white 4	0-255	Cool white dimming
	64	88	90	Strobe bar cold white 5	0-255	Cool white dimming
	65	89	91	Strobe bar cold white 6	0-255	Cool white dimming
		90	92	Strobe bar cold white 7	0-255	Cool white dimming
		91	93	Strobe bar cold	0-255	Cool white dimming

DMX512 signal control or ArtNet signal control						
CH				**Function**	**DMX Value**	**Description**
35 ch	65 ch	95 ch	97 ch			
				white 8		
		92	94	Strobe bar cold white 9	0-255	Cool white dimming
		93	95	Strobe bar cold white 10	0-255	Cool white dimming
		94	96	Strobe bar cold white 11	0-255	Cool white dimming
		95	97	Strobe bar cold white 12	0-255	Cool white dimming

▶DXM+ArNet Pixel Mode

Ordinary DMX512 signal control + ArtNet signal control					
Ordinary DMX512 signal control					
CH			**Function**	**DMX Value**	**Description**
11+54ch	11+84ch	13+84ch			
1	1	1	Tilt	0-255	Tilt control
2	2	2	Tilt adjust	0-255	Tilt adjust control
3	3	3	Tilt speed	0-255	Speed from fast to slow
4	4	4	Reset	0-250	No effect
				251-255	Reset within 5s
5	5		Total dimming	0-255	from dark to bright
		5	Main light dimming	0-255	from dark to bright
		6	Strobe light dimming	0-255	from dark to bright
		7	Strobe strip	0-255	from dark to

Ordinary DMX512 signal control + ArtNet signal control					
Ordinary DMX512 signal control					
CH			**Function**	**DMX Value**	**Description**
11+54ch	11+84ch	13+84ch			
			dimming		bright
6	6	8	Main light strobe	000-020	Strobe dimming
				021-060	Flash, from slow to fast
				061-100	Slow on and fast off, from slow to fast
				101-140	Fast on and slow off, from slow to fast
				141-180	Slow on and slow off, from slow to fast
				181-220	Random strobe, from slow to fast
				221-255	No function
7	7	9	Strobe light	000-020	Strobe dimming
				021-060	Flash, from slow to fast
				061-100	Slow on and fast off, from slow to fast
				101-140	Fast on and slow off, from slow to fast
				141-180	Slow on and slow off, from slow to fast
				181-220	Random strobe, from slow to fast
				221-255	No function
8	8	10	Strobe strip	000-020	Strobe dimming
				021-060	Flash, from slow

Ordinary DMX512 signal control + ArtNet signal control					
Ordinary DMX512 signal control					
CH			**Function**	**DMX Value**	**Description**
11+54ch	11+84ch	13+84ch			
					to fast
				061-100	Slow on and fast off, from slow to fast
				101-140	Fast on and slow off, from slow to fast
				141-180	Slow on and slow off, from slow to fast
				181-220	Random strobe, from slow to fast
				221-255	No function
9	9	11	Main light effect fade	0-255	Effect fade in and out
10	10	12	Strobe light effect fade	0-255	Effect fade in and out
11	11	13	Strobe bar effect fade	0-255	Effect fade in and out
ArtNet Signal Control					
			Main light red	0-255	Red dimming
			Main light green	0-255	Green dimming
			Main light blue	0-255	Blue dimming
			Main light white	0-255	White dimming
1	1	1	Main light red 1	0-255	Red dimming
2	2	2	Main light green 1	0-255	Green dimming
3	3	3	Main light blue 1	0-255	Blue dimming

Ordinary DMX512 signal control + ArtNet signal control					
Ordinary DMX512 signal control					
CH			**Function**	**DMX Value**	**Description**
11+54ch	11+84ch	13+84ch			
4	4	4	Main light white 1	0-255	White dimming
5	5	5	Main light red 2	0-255	Red dimming
6	6	6	Main light green 2	0-255	Green dimming
7	7	7	Main light blue 2	0-255	Blue dimming
8	8	8	Main light white 2	0-255	White dimming
9	9	9	Main light red 3	0-255	Red dimming
10	10	10	Main light green 3	0-255	Green dimming
11	11	11	Main light blue 3	0-255	Blue dimming
12	12	12	Main light white 3	0-255	White dimming
13	13	13	Main light red 4	0-255	Red dimming
14	14	14	Main light green 4	0-255	Green dimming
15	15	15	Main light blue 4	0-255	Blue dimming
16	16	16	Main light white 4	0-255	White dimming
17	17	17	Main light red 5	0-255	Red dimming
18	18	18	Main light green 5	0-255	Green dimming
19	19	19	Main light blue 5	0-255	Blue dimming
20	20	20	Main light white 5	0-255	White dimming
21	21	21	Main light red 6	0-255	Red dimming

Ordinary DMX512 signal control + ArtNet signal control					
Ordinary DMX512 signal control					
CH			**Function**	**DMX Value**	**Description**
11+54ch	11+84ch	13+84ch			
22	22	22	Main light green 6	0-255	Green dimming
23	23	23	Main light blue 6	0-255	Blue dimming
24	24	24	Main light white 6	0-255	White dimming
25	25	25	Strobe light red 1	0-255	Red dimming
26	26	26	Strobe light green 1	0-255	Green dimming
27	27	27	Strobe light blue 1	0-255	Blue dimming
28	28	28	Strobe light white 1	0-255	White dimming
29	29	29	Strobe red 2	0-255	Red dimming
30	30	30	Strobe green 2	0-255	Green dimming
31	31	31	Strobe blue 2	0-255	Blue dimming
32	32	32	Strobe white 2	0-255	White dimming
33	33	33	Strobe red 3	0-255	Red dimming
34	34	34	Strobe green 3	0-255	Green dimming
35	35	35	Strobe blue 3	0-255	Blue dimming
36	36	36	Strobe white 3	0-255	White dimming
37	37	37	Strobe red 4	0-255	Red dimming
38	38	38	Strobe green 4	0-255	Green dimming
39	39	39	Strobe blue 4	0-255	Blue dimming
40	40	40	Strobe white 4	0-255	White dimming

Ordinary DMX512 signal control + ArtNet signal control					
Ordinary DMX512 signal control					
CH			**Function**	**DMX Value**	**Description**
11+54ch	11+84ch	13+84ch			
41	41	41	Strobe red 5	0-255	Red dimming
42	42	42	Strobe green 5	0-255	Green dimming
43	43	43	Strobe blue 5	0-255	Blue dimming
44	44	44	Strobe white 5	0-255	White dimming
45	45	45	Strobe red 6	0-255	Red dimming
46	46	46	Strobe green 6	0-255	Green dimming
47	47	47	Strobe blue 6	0-255	Blue dimming
48	48	48	Strobe white 6	0-255	White dimming
	49	49	Strobe red 7	0-255	Red dimming
	50	50	Strobe green 7	0-255	Green dimming
	51	51	Strobe blue 7	0-255	Blue dimming
	52	52	Strobe white 7	0-255	White dimming
	53	53	Strobe red 8	0-255	Red dimming
	54	54	Strobe green 8	0-255	Green dimming
	55	55	Strobe blue 8	0-255	Blue dimming
	56	56	Strobe light white 8	0-255	White dimming
	57	57	Strobe light red 9	0-255	Red dimming
	58	58	Strobe light green 9	0-255	Green dimming
	59	59	Strobe light blue 9	0-255	Blue dimming

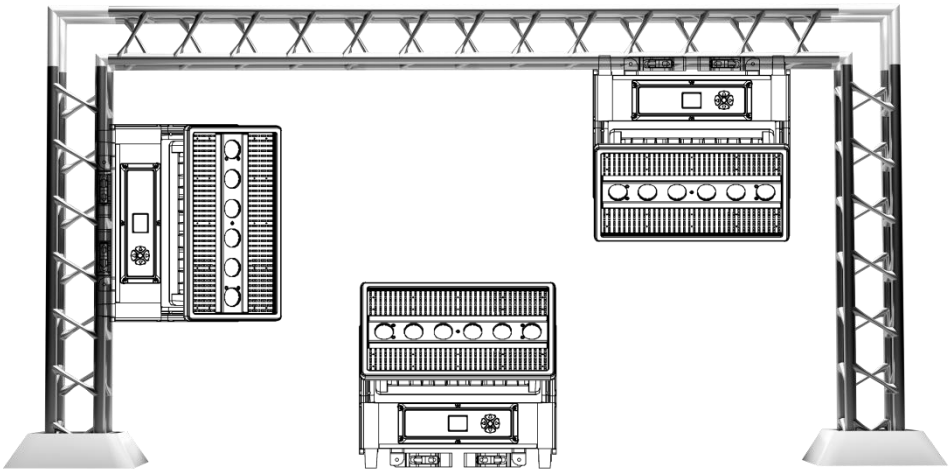
Ordinary DMX512 signal control + ArtNet signal control					
Ordinary DMX512 signal control					
CH			**Function**	**DMX Value**	**Description**
11+54ch	11+84ch	13+84ch			
	60	60	Strobe light white 9	0-255	White dimming
	61	61	Strobe light red 10	0-255	Red dimming
	62	62	Strobe light green 10	0-255	Green dimming
	63	63	Strobe light blue 10	0-255	Blue dimming
	64	64	Strobe light white 10	0-255	White dimming
	65	65	Strobe light red 11	0-255	Red dimming
	66	66	Strobe light green 11	0-255	Green dimming
	67	67	Strobe light blue 11	0-255	Blue dimming
	68	68	Strobe light white 11	0-255	White dimming
	69	69	Strobe light red 12	0-255	Red dimming
	70	70	Strobe light green 12	0-255	Green dimming
	71	71	Strobe light blue 12	0-255	Blue dimming
	72	72	Strobe light white 12	0-255	White dimming
49	73	73	Strobe bar cold white 1	0-255	Cold white dimming
50	74	74	Strobe bar cold white 2	0-255	Cold white dimming
51	75	75	Strobe bar cold white 3	0-255	Cold white dimming
52	76	76	Strobe bar cold white 4	0-255	Cold white dimming
53	77	77	Strobe bar cold white 5	0-255	Cold white dimming

Ordinary DMX512 signal control + ArtNet signal control					
Ordinary DMX512 signal control					
CH			**Function**	**DMX Value**	**Description**
11+54ch	11+84ch	13+84ch			
54	78	78	Strobe bar cold white 6	0-255	Cold white dimming
	79	79	Strobe bar cold white 7	0-255	Cold white dimming
	80	80	Strobe bar cold white 8	0-255	Cold white dimming
	81	81	Strobe bar cold white 9	0-255	Cold white dimming
	82	82	Strobe bar cold white 10	0-255	Cold white dimming
	83	83	Strobe bar cold white 11	0-255	Cold white dimming
	84	84	Strobe bar cold white 12	0-255	Cold white dimming

8. Mounting

When installing the unit, the trussing or area of installation must be able to hold 10 times the weight without any deformation. When installing the unit must be secured with a secondary safety attachment, e.g. an appropriate safety cable. Never stand directly under the facility while mounting, uninstalling or repairing facilities.

High-altitude mounting requires for extensive experience, including working load limits calculating , installation material, and periodic safety check of installation materials and facilities. If you’re lack of mentioned qualifications, do not attempt the installation yourself. These installation should be checked by a skilled person annually.

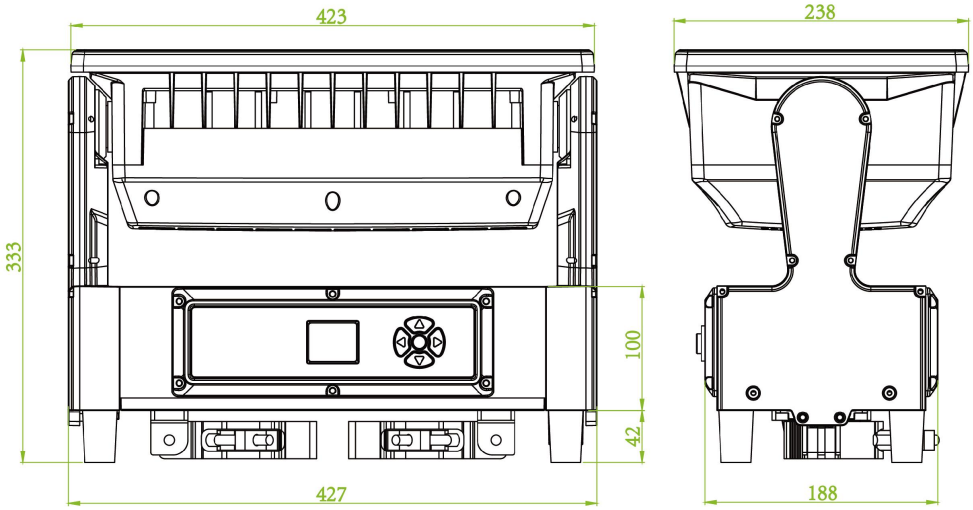


S2600 works properly in above different mounting, hanging upside-down from a ceiling, sideways on trussing, or set on smooth horizontal surface. Be sure this facility is at least 12m (40ft) away from flammable materials (decoration

etc.). Always use and install the safety cable to prevent accidental damage or injury from the facility failure. Never use handles for secondary attachment.

NOTICE: The suitable environment temperature of the facility is from -25˚ C to 45˚ C. Do not place this facility in an environment where the temperatures are under or above the temperatures stated. This will help the fixture run at its best and extend the lifetime.

9. Product Size



10. Attention

1. When the facility is powered on, please avoid looking directly at the facility.

2. When assembling/ replacing LED, be sure to cut off the main power of facilities before opening the cover upon the LED board.

11. Trouble Shooting

Following are a few common problems that may occur during operation. Here are some suggestions for easy troubleshooting:

A. The unit does not work, no light and the fan does not work

1. Check the status of power connection and fuse.
2. Check the voltage.
3. Check the power indicator.

B. No response to DMX controller

1. If the display screen flashes, check the DMX signal connector and signal line whether the connection is correct.
1. If the display screen does not flash, but no response to channel control, check whether the address code or channel setting is correct.
1. If the DMX signal transmission is intermittent, check if the XLR and DMX cables are in good condition.
2. Try using another controller.
3. Check if the DMX cables is too close to the high-voltage wire, which may damage or interfere with the signal circuit.

6. The facility has not completed the self-check.

C. One of the channels is not working well

1. The stepper motor might be damaged or the cable connected to the PCB is broken.
2. The motor's drive IC on the PCB might be out of condition.

12. Fixture Cleaning

The lens and diffuser should be clean frequently to get better light effect. Wipe frequency according to the environment. Humidity, excessive smoke, and dirty environment will make lens dusty.

- Use soft cloth and special glass cleaner.
- Wipe lens surface at least every 30 days.
- Use vacuum cleaners or air guns to clean the interior structure of the facility, at least twice a year.

⚠Warning:

To avoid the danger of lighting strikes and fire, please do not place the facility in a humid environment. Do not disassemble it without permission, otherwise, the manufacturer will not provide warranty. If the facility fails, please contact the manufacturer first.

Product Warranty Card

Product: IP65 Thunderbolt Strobe & Beam

Model NO.: S2600	Manufacture Date:
User:	Purchase Date:
Manufacturer:	Sales Store:
Address:	ATTN.:
ATTN.:	Phone:
Phone:	

Note: The above blank must be filled in and sealed by the end user or sales point, otherwise no warranty will be provided. (Below please check the warranty period and terms)

Warranty Period: This facility is warranted for 2 years from the date of purchase.

Warranty Terms:

1. Except for man-made damage and natural disasters

2. If the facility fails to function properly during the warranty period, please contact our after service department or our local distributor directly.

1) Fail to present a valid warranty card.

2) Omissions, alterations, and trade sales names on the warranty card.

3) Failures and damage caused by force majeure.

4) Failures and damage caused during transportation and handling.

5) Failures and damage caused by failure to follow the instructions for use.

6) Failures and damage caused by disassembly, repair, and modification of the product without the manufacturer's authorization or by non-professionals.

7) Failures caused by the use of accessories not approved by the factory or not matched by the factory.

▲ Thank you for reading this manual. Please keep it for future reference.