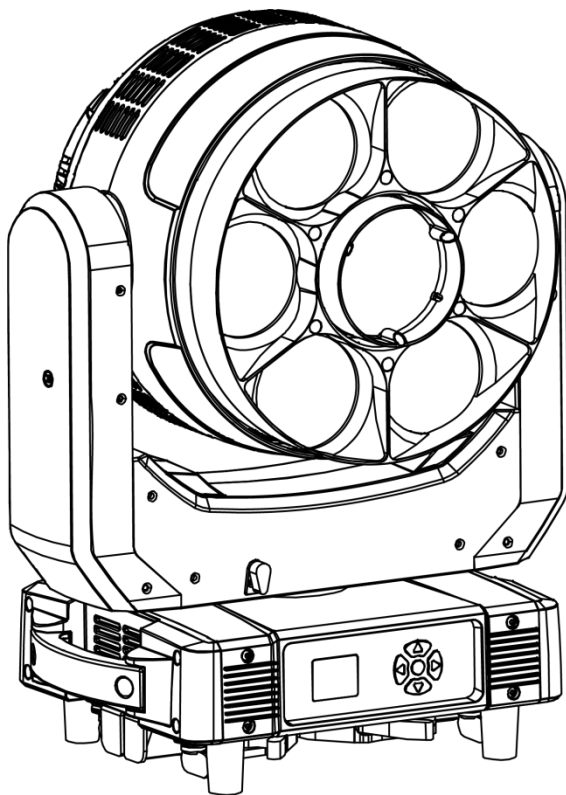


800B

800B Wind Fire Wheel



User Manual

Please read manual carefully before use

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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



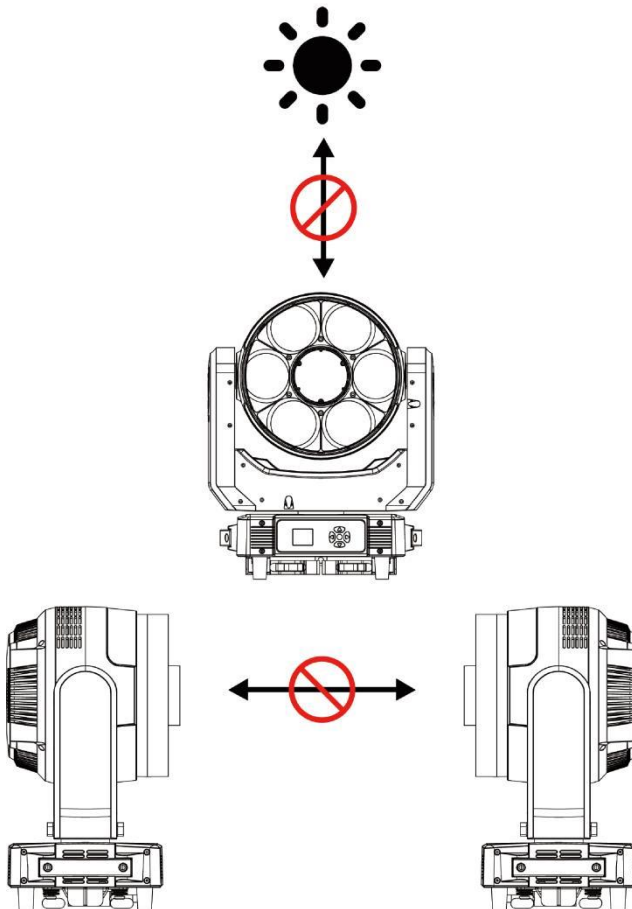
Please read this manual carefully, which includes important information on installation, use and maintenance.

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 °C . 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.

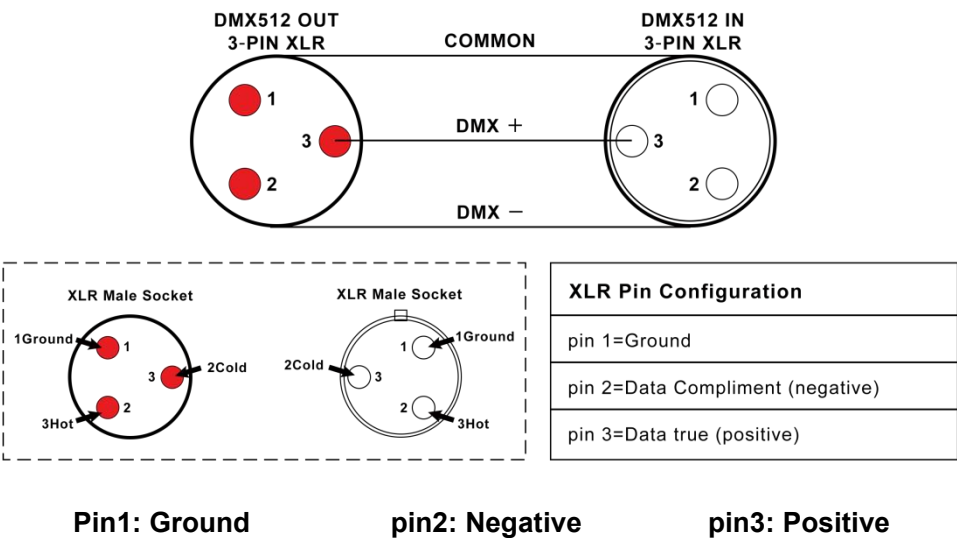
The facility must be installed by professionals, and keep it far away from fire, walking road, and easy touched place.

2. Technical Specification

Light Source	1x 200W 4IN1 RGBW LED 6x 120W 4IN1 RGBW LED
LED Lifetime	≥ 50000H
Power Voltage	AC100-240V , 50-60Hz
Power Consumption	900W
Center Beam Angle	4.5°~ 28°
Ring Beam Angle	4°~ 47°
Control Modes	DMX512、Auto、Sound、Master、Manual、RDM
DMX Channel	26/30/34/40/44/28 Channel
Protection Rating	IP20
Display	TFT Display
Data In/Out Socket	3-pin XLR sockets
Power Socket	Power-Con in/ out
Housing Material	ABS High temperature resistant plastics

Pan	540°accuracy 2.11°/step, fine-tuning accuracy: 0.008°		
Tilt	270°accuracy 0.86°/step, fine-tuning accuracy: 0.0034°		
Pan/Tilt Resolution	Automatically correct pan/tilt position		
MAX. Connection	4 units (240V, 50Hz)	2.5mm ²	power cable
	2 units (100V, 60Hz)	2.5mm ²	power cable
Dimension	421mm×375mm×525mm		
Net Weight	24.5kg		
Carton Package	615*420*535mm	1in1	G.W.: 28kg
Flight Case	800*495*770mm	2in1	G.W.: 83.5kg
Features	Full light range dimming, 256-level dimming accuracy; fast strobe1~25Hz; single-point control of lamp beads; preset multiple color macro functions, 200W lamp beads can be rotated; multiple effects (washing, pixel control, strobe) macro functions		
Configuration	Signal cable	1pc	
	Power cable	1pc	
	Manual	1pc	

3. DMX Set Up



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.

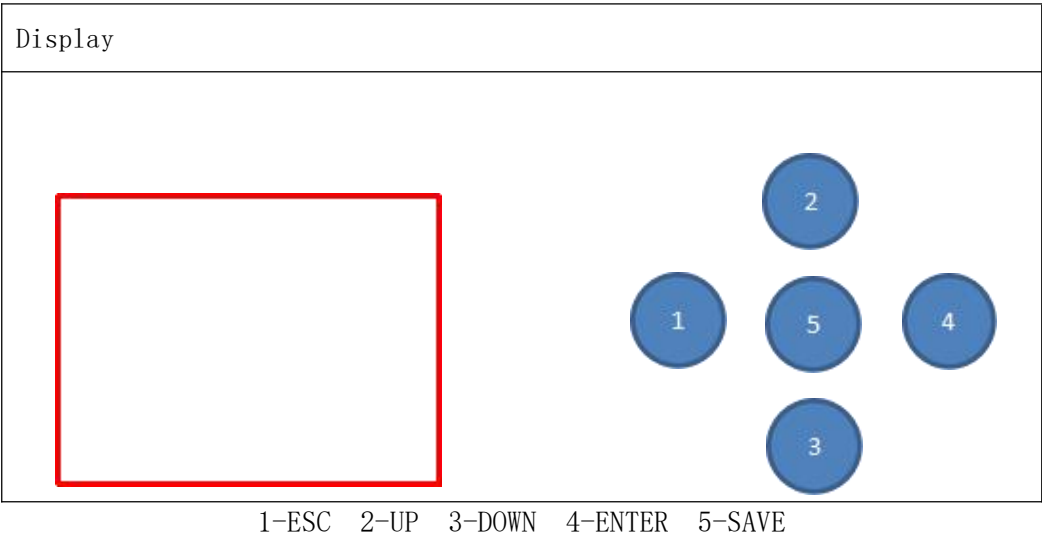
Operation method

You can operate in the following three modes:

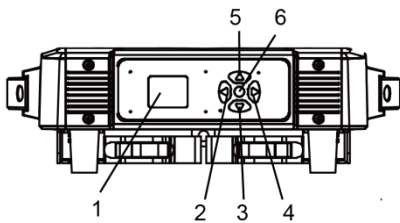
- Auto mode - the light can automatically complete all color changes
- DMX control mode - each light can be individually controlled by a standard DMX512 console
- Master mode - any light can work as a host in any of the above modes, and the other lights will work Synchronously as slaves

4. Display

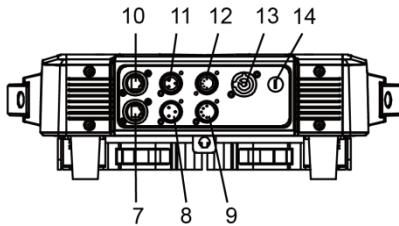
There are five buttons on the LED panel: ESC, UP, DOWN, ENTER and SAVE.



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

1-MENU 2-UP 3-DOWN 4-ENTER			
Menu	1.Pan Degree	1.540 2.360	Pan move angle
	2.Mic Sense	001--100	Sound control sensitivity adjustment
	3.Language	1.English	Language selection
		2.Chinese	
	4.No Signal	1.BlackOut 2.Hold	
	5.Fan Set	1.Auto 2.Low 3.High	
	6.ArtNet Set	1.ArtNet 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.Custom	
		4.Custom IP:192.168.000.001	
		5.SubNetMask: 255.000.000.000	
	7.Reset	1.Yes	
		2.No	
	8.Default	1.Yes	Restore factory settings
		2.No	
	9.Adjust	Password: ****	Changing the values of Pan/Tilt/Focus/Rotate/Frost can correct the angle; changing the values of R/G/B/W can adjust the white balance
		1.Pan:0--255	
		2.Tilt:0--255	
		3.Focus1:0--255	
		4.Rota1: 0--255	
		5.Frost: 0--255	
		6.Red1: 0--255	
		7.Green1: 0--255	
		8.Blue1: 0--255	
		9.White1: 0--255	

		10.Focus2:0--255		
		11.Rota1: 0--255		
		12.Red2: 0--255		
		13.Green2: 0--255		
		14.Blue2: 0--255		
		15.White2: 0--255		
Addr	001--512	Set the address code from 001 to 512		
Rever	1.Pan	1.YES 2.NO		
	2.Tilt	1.YES 2.NO		
	3.Display	1.YES 2.NO		
Inform	1.CH Value	Display all channel information		
	2.Tem**°C	Display LED board temperature		
	3.Version	Program version number		
	4.IP	IP002.018.016.001	Default IP	
	5.Mask	Mask255.000.000.000	Default submask	
Mode	1.DMX512		Setting the control mode	
	2.Auto	1.Master 2.Alone		
	3.Sound	1.Master 2.Alone		
	4.Manual	1.Master 2.Alone	1.Pan:0--255	Manual Control
			2.Tilt:0--255	
			3.Focus:0--255	
			4.Rota:0--255	
			5.Frost:0--255	
			6.Red1: 0--255	
			7.Green1: 0--255	
			8.Blue1: 0--255	
9.White1: 0--255				
10.Strobe1: 0-255				
11.Focus2:0--255				

			12.Rota2:0--255	
			13.Red2: 0--255	
			14.Green2: 0--255	
			15.Blue2: 0--255	
			16.White2: 0--255	
			17.Strobe2: 0-255	
Channel	1.26Channels	26CH	Choose channel mode	
	2.30Channels	30CH		
	3.34Channels	34CH		
	4.40Channels	40CH		
	5.44Channels	44CH		
	6.28Channels	15+28CH（Dmx+Art Net）		

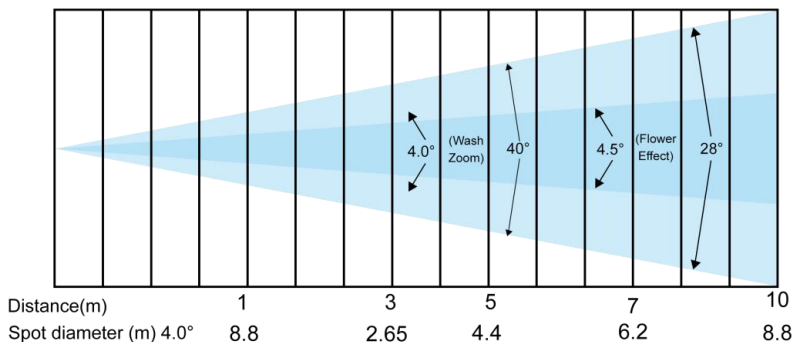
6. LUX Data

Beam Angle = 4.0° (WASH)

R lux	223750	24861	8950	4556	2237
G lux	685500	76166	27420	13989	6855
B lux	98500	10944	3940	2010	985
W lux	987500	109722	39500	20153	9875
4in1 lux	1500000	166666	63000	30612	15000

Beam Angle = 4.5° (Multi-Coloured Flower Effects)

R lux	57500	6388	2300	1173	575
G lux	121000	13444	4840	2469	1210
B lux	31750	3527	1270	647	317
W lux	282500	31388	113000	5765	2825
4in1 lux	425000	47222	17000	8673	4250



7. DMX Channel List

► 26CH Mode

CH	Function		DMX Value	Description
1	Pan adjustment		0-255	Pan adjustment
2	Pan fine adjustment		0-255	Pan fine adjustment
3	Tilt adjustment		0-255	Tilt adjustment
4	Tilt fine adjustment		0-255	Tilt fine adjustment
5	Speed of Pan/Tilt		0-255	From fast to slow
6	Dimming curve		0-49	Linear dimming
			50-99	Square rate dimming
			100-149	Inverse square rate dimming
			150-255	S-curve dimming
7	Dimmer		0-255	From dark to bright
8	Dimming adjustment		0-255	Dimming adjustment control
9	Middle LED-200W	Strobe	0-3	Strobe dimming
			4-203	Synchronous strobe speed slow to fast (1Hz-25Hz)
			204-255	Random strobe
10		R	0-255	From dark to bright
11		G	0-255	From dark to bright
12		B	0-255	From dark to bright
13		W	0-255	From dark to bright
14		zoom	0-255	From narrow to wide
15		Rotation	0-127	Slide (0~360 degrees)
			128-189	Flow (forward From fast to slow)
			190-193	Stop
			194-255	Flow (reverse from slow to fast)
16	Frost	0-127	No function	
		128-255	Frost	
17		0-15	NO function	

CH	Function		DMX Value	Description
		Color temperature	16-35	R 100%,G UP,B 0%
			36-55	R DOWN,G 100%,B 0%
			56-75	R 0%,G 100%,B UP
			76-95	R 0%,G DOWN,B 100%
			96-115	R UP,G 0%,B 100%
			116-135	R 100%,G 0%,B DOWN
			136-155	R 100%,G UP,B UP
			156-175	R DOWN,G DOWN,B 100%
			176-195	R 100%,G 100%,B 100%,W 100%
			196-200	2800K
			201-205	3200K
			206-210	3500K
			211-215	4000K
			216-220	4500K
			221-225	5000K
			226-230	5500K
			231-235	6000K
			236-240	6500K
			241-245	7000K
			246-250	7500K
			251-255	8000K
18	Outside LED-110W	Strobe	0-3	Strobe dimming
			4-203	Synchronous strobe speed slow to fast (1Hz-25Hz)
			204-255	Random strobe
19		R Dimming	0-255	From dark to bright
20		G Dimming	0-255	From dark to bright
21		B Dimming	0-255	From dark to bright
22		W Dimming	0-255	From dark to bright
23		Zoom	0-255	From narrow to wide

CH	Function		DMX Value	Description
24		Rotation	0-155	0~60 degree
			156-205	Clockwise Infinitely Rotating
			206-255	Counterclockwise Infinitely Rotating
25		Color temperature	0-15	NO
			16-35	R 100%,G UP,B 0%
			36-55	R DOWN,G 100%,B 0%
			56-75	R 0%,G 100%,B UP
			76-95	R 0%,G DOWN,B 100%
			96-115	R UP,G 0%,B 100%
			116-135	R 100%,G 0%,B DOWN
			136-155	R 100%,G UP,B UP
			156-175	R DOWN,G DOWN,B 100%
			176-195	R 100%,G 100%,B 100%,W 100%
			196-200	2800K
			201-205	3200K
			206-210	3500K
			211-215	4000K
			216-220	4500K
			221-225	5000K
			226-230	5500K
			231-235	6000K
			236-240	6500K
			241-245	7000K
			246-250	7500K
			251-255	8000K
26		Function	0-137	No
			138-149	PWM output frequency 1K-64K (stay for 3s) 1K, 2K, 4K, 6K, 8K, 10K, 16K, 20K, 24K, 32K, 48K, 64K
			150-159	Fast dimming
			160-169	Slow dimming (From fast to

CH	Function		DMX Value	Description
				slow)
			170-250	No function
			251-255	Lamp body reset (stay for 3s)

► 30CH Mode

CH	Function		DMX Value	Description
1	Pan adjustment		0-255	Pan adjustment
2	Pan fine adjustment		0-255	Pan fine adjustment
3	Tilt adjustment		0-255	Tilt adjustment
4	Pan fine adjustment		0-255	Pan fine adjustment
5	Speed of Pan/Tilt		0-255	From fast to slow
6	Dimming curve		0-49	Linear dimming
			50-99	Square rate dimming
			100-149	Inverse square rate dimming
			150-255	S-curve dimming
7	Dimmer		0-255	From dark to bright
8	Dimming fine adjustment		0-255	Dimming adjustment control
9	Middle LED-20 0W	Strobe	0-3	No function
			4-203	Synchronous strobe speed slow to fast (1Hz-25Hz)
			204-255	Random strobe
10		R	0-255	From dark to bright
11		G	0-255	From dark to bright
12		B	0-255	From dark to bright
13		W	0-255	From dark to bright
14		zoom	0-255	From narrow to wide
15		Rotation	0-127	Slide (0~360 degrees)

CH	Function		DMX Value	Description
			128-189	Flow (forward From fast to slow)
			190-193	Stop
			194-255	Flow (reverse from slow to fast)
16	Frost		0-127	No function
			128-255	Frost
17	Color temperature		0-15	No function
			16-35	R 100%,G UP,B 0%
			36-55	R DOWN,G 100%,B 0%
			56-75	R 0%,G 100%,B UP
			76-95	R 0%,G DOWN,B 100%
			96-115	R UP,G 0%,B 100%
			116-135	R 100%,G 0%,B DOWN
			136-155	R 100%,G UP,B UP
			156-175	R DOWN,G DOWN,B 100%
			176-195	R 100%,G 100%,B 100%,W 100%
			196-200	2800K
			201-205	3200K
			206-210	3500K
			211-215	4000K
			216-220	4500K
			221-225	5000K
			226-230	5500K
			231-235	6000K
			236-240	6500K
			241-245	7000K
			246-250	7500K
			251-255	8000K
18	Dimmer		0-255	From dark to bright
19	Dimming fine adjustment		0-255	Dimming adjustment control
20	Strobe		0-3	No function
			4-203	Synchronous strobe speed slow to fast (1Hz-25Hz)
			204-255	Random strobe
21	R dimming		0-255	From dark to bright

CH	Function		DMX Value	Description
22		G dimming	0-255	From dark to bright
23		B dimming	0-255	From dark to bright
24		W dimming	0-255	From dark to bright
25		Zoom	0-255	From narrow to wide
26		Rotation	0-155	Slide (0~60degrees)
			156-205	Flow (forward From fast to slow)
			206-255	Flow (reverse from slow to fast)
27		Color temperature	0-15	No function
			16-35	R 100%,G UP,B 0%
			36-55	R DOWN,G 100%,B 0%
			56-75	R 0%,G 100%,B UP
			76-95	R 0%,G DOWN,B 100%
			96-115	R UP,G 0%,B 100%
			116-135	R 100%,G 0%,B DOWN
			136-155	R 100%,G UP,B UP
			156-175	R DOWN,G DOWN,B 100%
			176-195	R 100%,G 100%,B 100%,W 100%
			196-200	2800K
			201-205	3200K
	206-210		3500K	
	211-215		4000K	
	216-220		4500K	
	221-225		5000K	
226-230	5500K			
231-235	6000K			
236-240	6500K			

CH	Function		DMX Value	Description
28			241-245	7000K
			246-250	7500K
			251-255	8000K
		Dynamic effect speed	0-9	No function
			10-19	Pattern 1
			20-29	Pattern2
			（10 numbers 1 Pattern）	
			170-179	Pattern17
		180-255	Pattern18	
29	Dynamic effect speed (with 28CH)	0-255	Dynamic effect speed	
30	Function		0-137	No function
			138-149	PWM output frequency 1K-64K (stay for 3s) 1K, 2K, 4K, 6K, 8K, 10K, 16K, 20K, 24K, 32K, 48K, 64K
			150-159	Fast dimming
			160-169	Slow dimming (From fast to slow)
			170-250	No function
			251-255	Lamp body reset (stay for 3s)

► 34CH Mode

CH	Function	DMX Value	Description
1	Pan adjustment	0-255	Pan adjustment
2	Pan fine adjustment	0-255	Pan fine adjustment
3	Tilt adjustment	0-255	Tilt adjustment
4	Pan fine adjustment	0-255	Pan fine adjustment
5	Speed of Pan/Tilt	0-255	From fast to slow

CH	Function		DMX Value	Description
6	Dimming curve		0-49	Linear dimming
			50-99	Square rate dimming
			100-149	Inverse square rate dimming
			150-255	S-curve dimming
7	Dimmer		0-255	From dark to bright
8	Dimming fine adjustment		0-255	Dimming adjustment control
9		Strobe	0-3	No function
			4-203	strobe speed slow to fast (1Hz-25Hz)
			204-255	Random strobe
10	Middle LED-20 0W	R	0-255	From dark to bright
11		R dimming M	0-255	From dark to bright
12		G	0-255	From dark to bright
13		G dimming M	0-255	From dark to bright
14		B	0-255	From dark to bright
15		B dimming M	0-255	From dark to bright
16		W	0-255	From dark to bright
17		W dimming M	0-255	From dark to bright
18		zoom	0-255	From narrow to wide
19		Rotation	0-127	Slide (0~360 degrees)
			128-189	Flow (forward From fast to slow)
			190-193	Stop
			194-255	Flow (reverse from slow to fast)
20		Frost	0-127	No function
			128-255	Frost
21		Color temperature	0-15	No function
			16-35	R 100%,G UP,B 0%
			36-55	R DOWN,G 100%,B 0%
			56-75	R 0%,G 100%,B UP

CH	Function		DMX Value	Description
			76-95	R 0%,G DOWN,B 100%
			96-115	R UP,G 0%,B 100%
			116-135	R 100%,G 0%,B DOWN
			136-155	R 100%,G UP,B UP
			156-175	R DOWN,G DOWN,B 100%
			176-195	R 100%,G 100%,B 100%,W 100%
			196-200	2800K
			201-205	3200K
			206-210	3500K
			211-215	4000K
			216-220	4500K
			221-225	5000K
			226-230	5500K
			231-235	6000K
			236-240	6500K
			241-245	7000K
			246-250	7500K
			251-255	8000K
22	Outside LED-11 0W	Strobe	0-3	No function
			4-203	Synchronous strobe speed slow to fast (1Hz-25Hz)
			204-255	Random strobe
23		R	0-255	From dark to bright
24		R dimming M	0-255	From dark to bright
25		G	0-255	From dark to bright
26		G dimming M	0-255	From dark to bright
27		B	0-255	From dark to bright
28		B dimming M	0-255	From dark to bright
29		W	0-255	From dark to bright
30		W dimming M	0-255	From dark to bright

CH	Function		DMX Value	Description
31		zoom	0-255	From narrow to wide
32		Rotation	0-155	Slide (0~60degrees)
			156-205	Flow (forward From fast to slow)
			206-255	Flow (reverse from slow to fast)
33		Color temperature	0-15	No function
			16-35	R 100%,G UP,B 0%
			36-55	R DOWN,G 100%,B 0%
			56-75	R 0%,G 100%,B UP
			76-95	R 0%,G DOWN,B 100%
			96-115	R UP,G 0%,B 100%
			116-135	R 100%,G 0%,B DOWN
			136-155	R 100%,G UP,B UP
			156-175	R DOWN,G DOWN,B 100%
			176-195	R 100%,G 100%,B 100%,W 100%
			196-200	2800K
			201-205	3200K
			206-210	3500K
			211-215	4000K
			216-220	4500K
			221-225	5000K
			226-230	5500K
			231-235	6000K
			236-240	6500K
			241-245	7000K
			246-250	7500K
			251-255	8000K
34	Function	0-137	No function	
		138-149	PWM output frequency 1K-64K (stay for 3s) 1K, 2K, 4K, 6K, 8K, 10K, 16K, 20K, 24K, 32K, 48K, 64K	
		150-159	Fast dimming	

CH	Function	DMX Value	Description
		160-169	Slow dimming (From fast to slow)
		170-250	No function effect
		251-255	Lamp body reset (stay for 3s)

► 40CH Mode

CH	Function		DMX Value	Description
1	Pan adjustment		0-255	Pan adjustment
2	Pan fine adjustment		0-255	Pan fine adjustment
3	Tilt adjustment		0-255	Tilt adjustment
4	Pan fine adjustment		0-255	Pan fine adjustment
5	Speed of Pan/Tilt		0-255	From fast to slow
6	Dimming curve		0-49	Linear dimming
			50-99	Square rate dimming
			100-149	Inverse square rate dimming
			150-255	S-curve dimming
7	Middle LED-200W	Dimmer	0-255	From dark to bright
8		Dimming fine adjustment	0-255	From dark to bright
9		Strobe	0-3	No function
			4-203	Synchronous strobe speed slow to fast (1Hz-25Hz)
			204-255	Random strobe
10		R	0-255	From dark to bright
11		G	0-255	From dark to bright
12		B	0-255	From dark to bright
13		W	0-255	From dark to bright

CH	Function	DMX Value	Description
14	zoom	0-255	From narrow to wide
15	Rotation	0-127	Slide (0~360 degrees)
		128-189	Flow (forward From fast to slow)
		190-193	Stop
		194-255	Flow (reverse from slow to fast)
16	Frost	0-127	No function
		128-255	Frost
17	Color temperature	0-15	No function
		16-35	R 100%, G up, B0%
		36-55	R down, G100%, B0%
		56-75	R 0%, G 100%, B up
		76-95	R 0%, G down, B 100%
		96-115	R up, G0%, B 100%
		116--135	R 100%, G up, B down
		136--155	R 100%down, G Up, B Up
		156--175	R down, G down, B100%
		176--195	R100%, G100%, B100%, W100%
		196-200	2800K
		201-205	3200K
		206-210	3500K
		211-215	4000K
		216-220	4500K
		221-225	5000K
		226-230	5500K
		231-235	6000K
		236-240	6500K
		241-245	7000K
		246-250	7500K
		251-255	8000K
18	Macro color	0-9	No function
		10-19	Macro color 1

CH	Function		DMX Value	Description
			20-29	Macro color 2
				(10 numbers 1 macro color)
			140-149	Macro color 14
			150-255	Macro color 15
19	Outsid e LED-1 10W	Dimmer	0-255	From dark to bright
20		Dimming fine adjustment	0-255	From dark to bright
21		Storbe	0-3	No function
			4-203	Synchronous strobe speed From slow to fast (1Hz-25Hz)
			204-255	Random strobe
22		R	0-255	From dark to bright
23		G	0-255	From dark to bright
24		B	0-255	From dark to bright
25		W	0-255	From dark to bright
26		Zoom	0-255	From narrow to wide
27		Rotation	0-155	Slide (0~60degrees)
			156-205	Flow (forward From fast to slow)
			206-255	Flow (reverse from slow to fast)
28		Color temperature	0-15	No function
			16-35	R 100%, G up,B 0%
			36-55	R down, G 100%, B 0%
	56-75		R0%, G 100%, B up	
	76-95		R0%, G down, B 100%	
	96-115		R up, G 0%, B 100%	
	116--135		R 100%, G up, B down	
	136--155		R 100%down, G Up, B Up	
	156--175		R down, G down, B 100%	
	176--195		R 100%, G 100%, B 100%, W 100%	
	196-200		2800K	
	201-205		3200K	

CH	Function		DMX Value	Description
	Outside LED-1 10W		206-210	3500K
			211-215	4000K
			216-220	4500K
			221-225	5000K
			226-230	5500K
			231-235	6000K
			236-240	6500K
			241-245	7000K
			246-250	7500K
			251-255	8000K
29		Macro color	0-9	No function
			10-19	Macro color 1
			20-29	Macro color 2
				(10 numbers 1 macro color)
			190-199	Macro color 19
			200-209	Macro color 20
			210-219	Macro color 21
			220-255	Macro color 22
30		Dynamic effect	0-9	No function
			10-19	Dynamic Pattern1
			20-29	Dynamic Pattern2
				(10 numbers1 Pattern)
			170-179	Dynamic Pattern17
			180-255	Dynamic Pattern18
31			0-255	Movement
32	Outside LED-1 10W	Pattern speed (with 30 Ch)	0-9	No function
			10-132	Clockwise, From fast to slow
			133-255	Counterclockwise, from slow to fast
33		Dynamic Pattern fade	0-255	Dynamic Pattern fade
34		Background dimming	0-255	Background dimming
35		Background	0-255	Background strobe

CH	Function		DMX Value	Description
		strobe		
36		Pattern background R	0-255	Pattern background R
37		Pattern background G	0-255	Pattern background G
38		Pattern background B	0-255	Pattern background B
39		Pattern background W	0-255	Pattern background W
40	Function		0-137	No function
			138-149	PWM output frequency 1K-64K (stay for 3s) 1K, 2K, 4K, 6K, 8K, 10K, 16K, 20K, 24K, 32K, 48K, 64K
			150-159	Fast dimming
			160-169	Slow dimming (From fast to slow)
			170-250	No function
			251-255	Lamp body reset (stay for 3s)

► 44CH Mode

CH	Function	DMX Value	Description
1	Pan adjustment	0-255	Pan adjustment
2	Pan fine adjustment	0-255	Pan fine adjustment
3	Tilt adjustment	0-255	Tilt adjustment
4	Pan fine adjustment	0-255	Pan fine adjustment
5	Speed of Pan/Tilt	0-255	From fast to slow
6	Dimming curve	0--49	Linear dimming

CH	Function		DMX Value	Description
			50--99	Square rate dimming
			100--149	Inverse square rate dimming
			150--255	S-curve dimming
7	Function		0--137	No
			138--149	PWM output frequency 1K-64K (stay for 3s) 1K, 2K, 4K, 6K, 8K, 10K, 16K, 20K, 24K, 32K, 48K, 64K
			150--159	Fast dimming
			160--169	Slow dimming (From fast to slow)
			170--250	No functionfunction
			251--255	Lamp body reset (stay for 3s)
8	Middle LED-200W	Dimmer	0-255	From dark to bright
9		Strobe	0-3	No functionfunction
			4-203	Synchronous strobe speed From slow to fast (1Hz-25Hz)
			204-255	Random strobe
10		R Dimming	0-255	From dark to bright
11		G Dimming	0-255	From dark to bright
12		B Dimming	0-255	From dark to bright
13		W Dimming	0-255	From dark to bright
14		zoom	0-255	From narrow to wide
15		Rotation	0--127	Slide (0~360 degrees)
			128--189	Flow (forward From fast to slow)
			190-193	Stop
			194-255	Flow (reverse from slow to fast)
16		Frost	0-127	No function
			128-255	Frost

CH	Function		DMX Value	Description
17	Outside LED-110W	Dimmer	0-255	From dark to bright
18		Strobe	0-3	No function
			4-203	Synchronous strobe speed From slow to fast (1Hz-25Hz)
			204-255	Random strobe
19		zoom	0-255	From narrow to wide
20		Rotation	0--155	Slide (0~60degrees)
			156--205	Flow (forward From fast to slow)
			206--255	Flow (reverse from slow to fast)
21		R1 LED dimming	0-255	R1 LED dimming
22		G1 LED dimming	0-255	G1 LED dimming
23		B1 LED dimming	0-255	B1 LED dimming
24		W1 LED dimming	0-255	W1 LED dimming
25		R2 LED dimming	0-255	R2 LED dimming
26		G2 LED dimming	0-255	G2 LED dimming
27		B2 LED dimming	0-255	B2 LED dimming
28		W2 LED dimming	0-255	W2 LED dimming
.....				
41		R6 LED dimming	0-255	R6 LED dimming
42		G6 LED dimming	0-255	G6 LED dimming
43		B6 LED dimming	0-255	B6 LED dimming
44		W6 LED dimming	0-255	W6 LED dimming

► **28CH Mode (With ArtNet)**

CH	Function		DMX Value	Description
DMX512 Control				
1	Pan		0-255	Pan adjustment
2	Pan fine adjustment		0-255	Pan fine adjustment
3	Tilt		0-255	Tilt adjustment
4	Tilt fine adjustment		0-255	Tilt fine adjustment
5	Speed of Pan/Tilt		0-255	From fast to slow
6	Function		0-137	No
			138-149	PWM output frequency 1K-64K (stay for 3s) 1K, 2K, 4K, 6K, 8K, 10K, 16K, 20K, 24K, 32K, 48K, 64K
			150-159	Fast dimming
			160-169	Slow dimming (From fast to slow)
			170-250	No functionfunction
			251-255	Lamp body reset (stay for 3s)
7	Middle LED-200 W	Dimmer	0-255	From dark to bright
8		Strobe	0-3	Strobe dimming
			4-203	Synchronous strobe speed slow to fast (1Hz-25Hz)
			204-255	Random strobe
9		zoom	0-255	From narrow to wide
10		Rotation	0-127	Slide (0~360 degrees)
			128-189	Flow (forward From fast to slow)
			190-193	Stop
			194-255	Flow (reverse from slow to fast)
11		Frost	0-127	No function
			128-255	Frost
12	Outside	Dimmer	0-255	From dark to bright

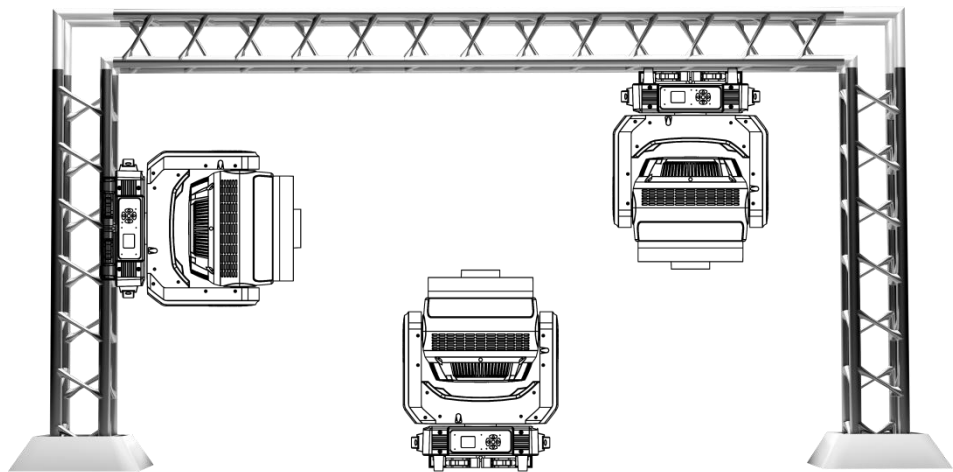
CH	Function		DMX Value	Description
13	LED-110 W	Strobe	0-3	Strobe dimming
			4-203	Synchronous strobe speed slow to fast (1Hz-25Hz)
			204-255	Random strobe
14		zoom	0-255	From narrow to wide
15		Rotation	0-155	Slide (0~60degrees)
			156-205	Flow (forward From fast to slow)
			206-255	Flow (reverse from slow to fast)
ArtNet signal control				
1	Middle LED-200 W	R LED dimming	0-255	R LED dimming
2		G LED dimming	0-255	G LED dimming
3		B LED dimming	0-255	B LED dimming
4		W LED dimming	0-255	W LED dimming
5	Outside LED-110 W	R1 LED dimming	0-255	R1 LED dimming
6		G1 LED dimming	0-255	G1 LED dimming
7		B1 LED dimming	0-255	B1 LED dimming
8		W1LED dimming	0-255	W1LED dimming
9		R2 LED dimming	0-255	R2 LED dimming
10		G2 LED dimming	0-255	G2 LED dimming
11		B2 LED dimming	0-255	B2 LED dimming
12		W2 LED dimming	0-255	W2 LED dimming
.....			0-255	
25		R6 LED dimming	0-255	R6 LED dimming
26		G6 LED	0-255	G6 LED dimming

CH	Function		DMX Value	Description
		dimming		
27		B6 LED dimming	0-255	B6 LED dimming
28		W6 LED dimming	0-255	W6 LED 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.

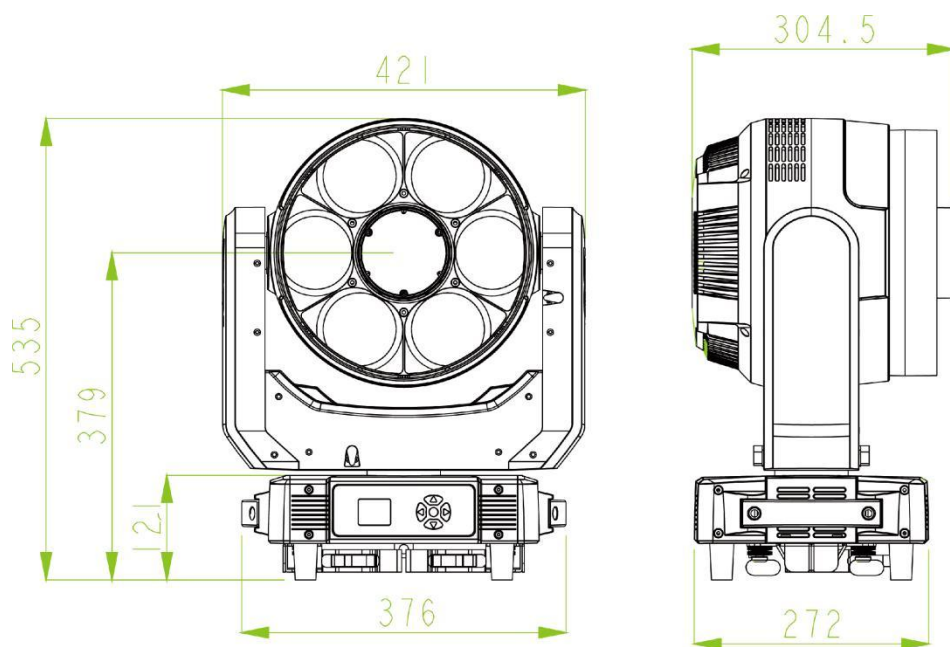
High-altitude mounting requires for extensive experience, including working load limits calculating , installation material, and periodic safety check of installation materials and facilities. If you're lack of mentioned qualifications, do not attempt the installation yourself. These installation should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



800B 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 -10° 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 LEDs, 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: 800B Wind Fire Wheel

Model NO.: 800B

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.