

LED Stage Lighting Operating Manual



OUTDOOR 19X40W BEE EYE



Please read manual carefully before use.

1. Maintenance

- To reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.
- Intermittently using will extend this item's service life.
- Please clear the fan, fan net, and optical lens in order to keep good work state.
- Do not use the alcohol or any other organic solvent to wipe the shell.

2. Statement

The product has perfect performance and integrity packing. All users should be strictly complying with the warning and operating instructions as stated. Or we aren't in charge of any result by misusing. Any damage resulting by misuse is not within the Company's warranty. Any fault or problem caused by neglecting the manual is also not in the charge of dealers.

Note: All information is subject to change without prior notice.

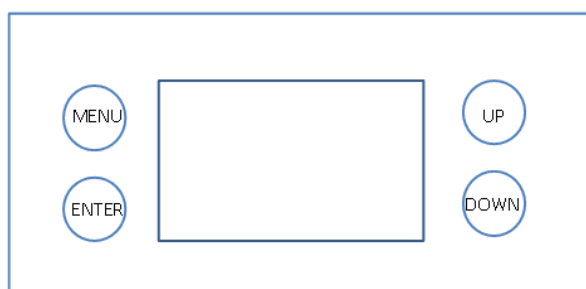
3. Safety Precaution

- In order to guarantee the product's life, please don't put it in the damp places or even the environment over 60degrees.
- Always mount this unit in safe and stable matter.
- Install or dismantle should operate by professional engineer.
- Using lamp, the change rate of power voltage should be within $\pm 10\%$, If the voltage is too high, it will shorten the light's life; If it's not enough, will influence the effect.
- Please restart it 20 minutes later after turning off light , until full-cooling. Frequent switching will reduce the life span of lamps and bulbs; intermittent using will improve the life of bulbs and lamps.
- In order to make sure the product is used well, please read the Manual carefully.

4. Product Instruction

- Lamp: LED 19PCS 40W RGBW 4IN1
- Power Input: 100-240V, 50/60Hz
- Powersupply:1000W
- Channel mode:18/21/35/78/94/111CH DMX512 Channel
- Pan scan: 540°(16bit) Electric correction
- Tilt scan: 270° (16bit) Electric correction
- Zoom: 4°- 60°
- IP:IP65
- Over heat protection

5. Control Menu



6. Channel table

This luminaire channel can be viewed in scene mode in order, channel mode is set in the "Address Settings" page, specific details of the data as follows:

18 channels

CH	Function	DMX Value	Details
1	Red	0-255	Red dimmer
2	Red Fine	0-255	Red fine control
3	Green	0-255	Green dimmer
4	Green Fine	0-255	Green fine control
5	Blue	0-255	Blue dimmer
6	Blue Fine	0-255	Blue fine control
7	White	0-255	White dimmer
8	White Fine	0-255	White fine control
9	CTO	0-255	Color temperature linear control
10	Macro color	0-255	Marco color control
11	strobe	0-3	Light off
		4-103	Strobe with the same step from slow to fast
		104-107	Light on
		108-207	Divide strobe from slow to fast
		208-212	Light on
		213-225	Random strobe in low speed
		226-238	Random strobe in middle speed
		239-251	Random strobe in high speed
		252-255	Light on
12	Dimmer	0-255	0-100 linear dimmer from dark to bright
13	Pan	0-255	Pan movement control
14	Tilt	0-255	Tilt movement control
15	reserved	0-255	invalid
16	Reset	0-250	No function
		251-255	Reset with 5 seconds
27	Zoom	0-255	
18	Zoom Rotation	0-127	0 to 60 degree
		128-191	Unlimited clockwise rotation from fast to slow
		192-255	Unlimited anticlockwise rotation from fast to slow

21 channels

CH	Function	DMX Value	Details
1	Red	0-255	Red dimmer
2	Red Fine	0-255	Red fine control
3	Green	0-255	Green dimmer
4	Green Fine	0-255	Green fine control
5	Blue	0-255	Blue dimmer

6	Blue Fine	0-255	Blue fine control
7	White	0-255	White dimmer
8	White Fine	0-255	White fine control
9	CTO	0-255	Color temperature linear control
10	Macro color	0-255	Marco color control
11	strobe	0-3	Light off
		4-103	Strobe with the same step from slow to fast
		104-107	Light on
		108-207	Divide strobe from slow to fast
		208-212	Light on
		213-225	Random strobe in low speed
		226-238	Random strobe in middle speed
		239-251	Random strobe in high speed
		252-255	Light on
12	Dimmer	0-255	0-100 linear dimmer from dark to bright
13	Dimmer Fine	0-255	Dimmer fine control
14	Pan	0-255	Pan movement control
15	Pan Fine	0-255	Pan fine control
16	Tilt	0-255	Tilt movement control
17	Tilt Fine	0-255	Pan fine control
18	reserved	0-255	invalid
19	Reset	0-250	No function
		251-255	Reset with 5 seconds
20	Zoom	0-255	
21	Zoom Rotation	0-127	0 to 60 degree
		128-191	Unlimited clockwise rotation from fast to slow
		192-255	Unlimited anticlockwise rotation from fast to slow

21 channels

CH	Function	DMX	Details
1	Pan	0-255	Pan movement control
2	Pan fine	0-255	Pan fine control
3	Tilt	0-255	Tilt movement control
4	Tilt fine	0-255	Pan fine control
5	Pan/Tilt speed	0-255	Speed from fast to slow
6	ZOOM	0-255	Zoom
7	LENS rotation	0-127	0 to 60 degree
		128-191	Unlimited clockwise rotation from fast to slow
		192-255	Unlimited anticlockwise rotation from fast to slow
8	Dimmer	0-255	0-100 linear dimmer from dark to bright
9	Strobe	0-3	Light up
		4-200	Strobe with the same step from slow to fast
		201-255	Random strobe slow-fast
10	R	0-255	1-100% Red linear dimmer from dark to bright
11	G	0-255	1-100% Green linear dimmer from dark to bright
12	B	0-255	1-100% Blue linear dimmer from dark to bright

13	W	0-255	1-100% White linear dimmer from dark to bright
14	CTO	0-255	Linear color temperature control
15	Marco	0-255	Marco color change
16	Static effect	0-255	Each 5 DMX value is a kind of static effect
17	Dynamic effect	0-255	Each 5 DMX value is a kind of dynamic effect
18	Dynamic effect speed	0-255	Speed from slow to fast,pls operate against 15 CH
19	Background R	0-255	1-100% Background Red linear dimmer from dark to bright
20	Background G	0-255	1-100% Background Blue linear dimmer from dark to bright
21	Background B	0-255	1-100% Background Green linear dimmer from dark to bright
22	Background W	0-255	1-100% Background Blue linear dimmer from dark to bright
23	reset	0-239	invalid
		251-255	Resets after 5s

35 channels

CH	Function	DMX	Details
1	Red	0-255	Red dimmer
2	Red Fine	0-255	Red fine control
3	Green	0-255	Green dimmer
4	Green Fine	0-255	Green fine control
5	Blue	0-255	Blue dimmer
6	Blue Fine	0-255	Blue fine control
7	White	0-255	White dimmer
8	White Fine	0-255	White fine control
9	CTO	0-255	Color temperature linear control
10	Macro color	0-255	Marco color control
11	strobe	0-3	Light up
		4-103	Strobe with the same step from slow to fast
		104-107	Light on
		108-207	Divide strobe from slow-fast
		208-212	Light on
		213-255	Random strobe from slow-fast
12	Dimmer	0-255	0-100 linear dimmer from dark to bright
13	Dimmer Fine	0-255	Dimmer fine control
14	Pan	0-255	Pan movement control
15	Pan Fine	0-255	Pan fine control
16	Tilt	0-255	Tilt movement control
17	Tilt Fine	0-255	Pan fine control
18	Function	0-255	
19	Reset	0-250	No function
		251-255	Reset with 5 seconds
20	Zoom	0-255	
21	Zoom Rotation	0-127	0 to 60 degree
		128-191	Unlimited clockwise rotation from fast to slow
		192-255	Unlimited anticlockwise rotation from fast to slow
22	Shape Selection	0-255	Selecting shape

23	Shape Speed	0-255	Shape speed control
24	Shape Fade	0-255	Shape fade
25	Shape R	0-255	Shape in Red color
26	Shape G	0-255	Shape in Green color
27	Shape B	0-255	Shape in Blue color
28	Shape W	0-255	Shape in White color
29	Shape Dimmer	0-255	Shape dimmer 0-100%
30	Background	0-255	Background dimmer 0-100%
31	Shape Transition	0-255	Shape change
32	Shape Offset	0-255	Shape offset
33	Foreground strobe	0-255	Foreground strobe control
34	Background strobe	0-255	Background strobe control
35	Background selection	0-255	Background selection

78 channels

CH	Function	DMX	Details
1	Red	0-255	Red dimmer
2	Red Fine	0-255	Red fine control
3	Green	0-255	Green dimmer
4	Green Fine	0-255	Green fine control
5	Blue	0-255	Blue dimmer
6	Blue Fine	0-255	Blue fine control
7	White	0-255	White dimmer
8	White Fine	0-255	White fine control
9	CTO	0-255	Color temperature linear control
10	Macro color	0-255	Marco color control
11	strobe	0-3	Light up
		4-203	Strobe with the same step from slow to fast
		204-255	Random strobe
12	Dimmer	0-255	0-100 linear dimmer from dark to bright
13	Dimmer Fine	0-255	Dimmer fine control
14	Pan	0-255	Pan movement control
15	Pan Fine	0-255	Pan fine control
16	Tilt	0-255	Tilt movement control
17	Tilt Fine	0-255	Pan fine control
18	Function	0-255	
19	Reset	0-250	No function
		251-255	Reset with 5 seconds
20	Zoom	0-255	
21	Zoom Rotation	0-127	0 to 60 degree
		128-191	Unlimited clockwise rotation from fast to slow
		192-255	Unlimited anticlockwise rotation from fast to slow
22	Red dimmer 1	0-255	LED 1 red dimmer
23	Green dimmer 1	0-255	LED 1 green dimmer

24	Blue dimmer 1	0-255	LED 1 blue dimmer
25	Red dimmer 2	0-255	LED 2 red dimmer
26	Green dimmer 2	0-255	LED 2 green dimmer
27	Blue dimmer 2	0-255	LED 2 blue dimmer
.....			
...			
76	Red dimmer 19	0-255	LED 19 red dimmer
77	Green dimmer	0-255	LED 19 green dimmer
78	Blue dimmer 19	0-255	LED 19 blue dimmer

94 Channels mode

CH	Function	DMX	Details
1	Red	0-255	Red dimmer
2	Red Fine	0-255	Red fine control
3	Green	0-255	Green dimmer
4	Green Fine	0-255	Green fine control
5	Blue	0-255	Blue dimmer
6	Blue Fine	0-255	Blue fine control
7	White	0-255	White dimmer
8	White Fine	0-255	White fine control
9	CTO	0-255	Color temperature linear control
10	Macro color	0-255	Marco color control
11	strobe	0-3	Light up
		4-103	Strobe with the same step from slow to fast
		104-107	Light on
		108-207	Divide strobe from slow-fast
		208-212	Light on
		213-251	Random strobe from slow-fast
		252-255	Light on
12	Dimmer	0-255	0-100 linear dimmer from dark to bright
13	Dimmer Fine	0-255	Dimmer fine control
14	Pan	0-255	Pan movement control
15	Pan Fine	0-255	Pan fine control
16	Tilt	0-255	Tilt movement control
17	Tilt Fine	0-255	Pan fine control
18	Function	0-255	
19	Reset	0-250	No function
		251-255	Reset with 5 seconds
20	Zoom	0-255	
21	Zoom Rotation	0-127	0 to 60 degree
		128-191	Unlimited clockwise rotation from fast to slow
		192-255	Unlimited anticlockwise rotation from fast to slow
22	Shape Selection	0-255	Selecting shape
23	Shape Speed	0-255	Shape speed control
24	Shape Fade	0-255	Shape fade
25	Shape R	0-255	Shape in Red color
26	Shape G	0-255	Shape in Green color
27	Shape B	0-255	Shape in Blue color
28	Shape W	0-255	Shape in White color
29	Shape Dimmer	0-255	Shape dimmer 0-100%
30	Background Dimmer	0-255	Background dimmer 0-100%
31	Shape Transition	0-255	Shape change
32	Shape Offset	0-255	Shape offset

33	Foreground strobe	0-255	Foreground strobe control
34	Background strobe	0-255	Background strobe control
35	Background select	0-255	Background selection
36	Strip Dimmer	0-255	0-100 linear Strip dimmer from dark to bright
37	Strip Effect	0-63	Effect 1
		63-127	Effect 2
		128-191	Effect 3
		191-255	Effect 4
38	Strip effect speed	0-255	Strip effect Slow-fast
39	Red dimmer 1	0-255	LED 1 red dimmer
40	Green dimmer 1	0-255	LED 1 green dimmer
41	Blue dimmer 1	0-255	LED 1 blue dimmer
42	Red dimmer 2	0-255	LED 2 red dimmer
43	Green dimmer 2	0-255	LED 2 green dimmer
44	Blue dimmer 2	0-255	LED 2 blue dimmer
.....			
...			
93	Red dimmer 19	0-255	LED 19 red dimmer
94	Green dimmer 19	0-255	LED 19 green dimmer
95	Blue dimmer 19	0-255	LED 19 blue dimmer

111 Channels

Channel	Function	DMX Value	Details
1	Red	0-255	Red dimmer
2	Red Fine	0-255	Red fine control
3	Green	0-255	Green dimmer
4	Green Fine	0-255	Green fine control
5	Blue	0-255	Blue dimmer
6	Blue Fine	0-255	Blue fine control
7	White	0-255	White dimmer
8	White Fine	0-255	White fine control
9	CTO	0-255	Color temperature linear control
10	Macro color	0-255	Marco color control
11	strobe	0-3	Light up
		4-203	Strobe with the same step from slow to fast
		204-255	Random strobe
12	Dimmer	0-255	0-100 linear dimmer from dark to bright
13	Dimmer Fine	0-255	Dimmer fine control
14	Pan	0-255	Pan movement control
15	Pan Fine	0-255	Pan fine control
16	Tilt	0-255	Tilt movement control
17	Tilt Fine	0-255	Pan fine control
18	Function	0-255	
19	Reset	0-250	No function
		251-255	Reset with 5 seconds
20	Zoom	0-255	
21	Zoom Rotation	0-127	0 to 60 degree
		128-191	Unlimited clockwise rotation from fast to slow

		192-255	Unlimited anticlockwise rotation from fast to slow
22	Strip Dimmer	0-255	0-100 linear Strip dimmer from dark to bright
23	Strip Effect	0-63	Effect 1
		63-127	Effect 2
		128-191	Effect 3
		191-255	Effect 4
24	Strip effect speed	0-255	Strip effect Slow-fast
25	Red dimmer 1	0-255	LED 1 red dimmer
26	Green dimmer 1	0-255	LED 1 green dimmer
27	Blue dimmer 1	0-255	LED 1 blue dimmer
28	White dimmer 1	0-255	LED 1 white dimmer
.....			
...			
97	Red dimmer 19	0-255	LED 19 red dimmer
98	Green dimmer 19	0-255	LED 19 green dimmer
99	Blue dimmer 19	0-255	LED 19 blue dimmer
100	White dimmer 19	0-255	LED 19 white dimmer

102 Channels

CH	Function	DMX Value	Details
1	Pan	0-255	Pan movement control
2	Pan fine	0-255	Pan fine control
3	Tilt	0-255	Tilt movement control
4	Tilt fine	0-255	Pan fine control
5	Pan/Tilt speed	0-255	Speed from fast to slow
6	ZOOM	0-255	Zoom
7	LENS rotation	0-127	0 to 60 degree
		128-191	Unlimited clockwise rotation from fast to slow
		192-255	Unlimited anticlockwise rotation from fast to slow
8	Dimmer	0-255	0-100 linear dimmer from dark to bright
9	Strobe	0-3	Light up
		4-203	Strobe with the same step from slow to fast
		204-255	Random strobe
10	Red	0-255	1-100% Red linear dimmer from dark to bright
11	Green	0-255	1-100% Green linear dimmer from dark to bright
12	Blue	0-255	1-100% Blue linear dimmer from dark to bright
13	White	0-255	1-100% White linear dimmer from dark to bright
14	CTO	0-255	Linear color temperature control
15	Marco	0-255	Marco color change
16	Static effect	0-255	Each 5 DMX value is a kind of static effect
17	Dynamic effect	0-255	Each 5 DMX value is a kind of dynamic effect
18	Dynamic effect speed	0-255	Speed from slow to fast, pls operate against 15 CH
19	Background R	0-255	1-100% Background Red linear dimmer from dark to
20	Background G	0-255	1-100% Background Blue dimmer from dark to bright

21	Background B	0-255	1-100% Background Green dimmer from dark to bright
22	Background W	0-255	1-100% Background Blue dimmer from dark to bright
23	reset	0-239	invalid
		251-255	Resets after 5s
24	Strip Dimmer	0-255	0-100 linear dimmer from dark to bright
25	Strip Effect	0-63	Effect 1
		63-127	Effect 2
		128-191	Effect 3
		191-255	Effect 4
26	Strip effect speed	0-255	Strip effect Slow-fast
27	Red dimmer 1	0-255	LED 1 red dimmer
28	Green dimmer 1	0-255	LED 1 green dimmer
29	Blue dimmer 1	0-255	LED 1 blue dimmer
30	White dimmer 1	0-255	LED 1 white dimmer
.....			
...			
99	Red dimmer 19	0-255	LED 19 red dimmer
100	Green dimmer 19	0-255	LED 19 green dimmer
101	Blue dimmer 19	0-255	LED 19 blue dimmer
102	White dimmer 19	0-255	LED 19 white dimmer

