

Mini 7x60W RGBW 4in1 Bee Eye Led Moving Head Light



Operation Manual

Parameters:

Voltage: AC100V-240V 50-60Hz

Rated Power: 460W

Light Source: 7x60W RGBW 4in1 LEDs +43 pieces 0.2W LEDs

Color Temperature: 2800K-8500K

Led Lifetime: 50000 hours

Display: Colorful display

Iris Angel: 7° -31°

Control: DMX512, Auto Run

Channels: 21CH/30CH/42CH/58CH

Pan: 540°

Tilt: 270°

Strobe: 1-25pcs/second, random

Effects: CTO, Wash, Beam , Zoom, RGBW Full Colors Control, Effect Mode(windmill, kaleidoscope), Lens Plate Variable Direction Infinite Rotation

Menu Operation:

Main Menu	Second	Third	Fourth
Dmx Address	000 - 512		
Fixture	Dmx Mode	21CH/30CH / 42CH / 58CH	
	Run Mode	DMX / Host	
	Pan Invert	Close / Open	
	Tilt Invert	Close / Open	
	No Signal	Clear / Hold	
	Fan Control	Auto / High / Client	
	Sensitivity	0-100	
Manual	Pan	000 - 255	
	Pan Fine	000 - 255	
	Tilt	000 - 255	
	Tilt Fine	000 - 255	
	⋮	⋮	
Information	Temperature	Head Temp	xxxC
	Software Version	Panel	Vx. xx
		Dimmer	Vx. xx
Factory	Password	000 - 255	

	Pan	000 - 255	
	Tilt	000 - 255	
	Zoom	000 - 255	
	ZoomRo	000 - 255	
	Red	000 - 255	
	Green	000 - 255	
	Blue	000 - 255	
	White	000 - 255	
Fixture Reset	Motor Reset	Cance / Run	
	Factory	Cance / Run	
Display	Language	CH / EN	
	Display Flip	off / on	
	Display Mode	60s / Show	

21CH Mode

Channel	Function	Dmx Value	Description
1	Red Circle	0 - 255	Red circle 0- 100% dimmer, from dark to bright
2	Green Circle	0 - 250	Green circle 0-100% dimmer, from dark to bright
3	Blue Circle	0 - 255	Blue circle 0- 100% dimmer, from dark to bright
4	White Circle	0 - 255	White circle 0- 100% dimmer, from dark to bright
5	Red Centre	0 - 255	Red centre 0- 100% dimmer, from dark to bright
6	Green Centre	0 - 255	Green centre 0- 100% dimmer, from dark to bright
7	Blue Centre	0 - 250	Blue centre 0- 100% dimmer, from dark to bright
8	White Centre	0 - 255	White centre 0-100% dimmer, from dark to bright
9	CTO	0 - 255	8500K-2800K CT linear control
10	Macro color	0 - 255	Marco color change
11		0 - 3	Close
		4 - 103	Regular strobe, speed from slow to fast

	Strobe	104 – 107	Open
		108 – 207	Pulse strobe, speed from slow to fast
		208 – 212	Open
		213 – 225	Random slow speed strobe
		226 – 238	Random middle speed strobe
		239 – 251	Random fast speed strobe
		252 – 255	Open
12	Dimmer	0 – 255	0– 100% linear dimmer
13	Dimmer fine	0 – 250	Dimmer fine
14	Pan	0 – 255	Pan control
15	Pan fine	0 – 255	Pan fine
16	Tilt	0 – 255	Tilt control
17	Tilt fine	0 – 255	Tilt fine
18	Zoom	0 – 250	Zoom control
19	Color crossfade	0 – 255	multiple color crossfade
20	Function	0 – 255	No
21	Reset	0-250	No function
		251-255	Wait 5 seconds to auto reset

30CH Mode

Channel	Function	Dmx Value	Description
1	Pan	0 – 255	0-540°

2	Pan fine	0 - 255	16bit adjustable
3	Tilt	0 - 250	0-250°
4	Tilt fine	0 - 255	16bit adjustable
5	P&T speed	0 - 255	P&T speed from fast to slow
6	Zoom	0 - 255	Focus from wide to small
7	Zoom rotation	0 - 127	0 ~ 60 degrees
		128 - 190	Counterclockwise and infinite rotation
		191 - 192	Stop
		193 - 255	Clockwise polar rotation
8	Dimmer	0 - 255	Linear dimming occurs from dark to light
9	Strobe	0 - 3	Lighting off
		4 - 103	Synchronous strobe speed is ranging from slow to fast
		104 - 107	Light up
		108 - 207	Flat-split strobe speed is ranging from slow to fast
		208 - 212	Light up
		213 - 225	Low speed random flash
		226 - 238	Medium speed random flash
		239 - 251	High speed random flash
		252 - 255	Light up
10	Red	0 - 255	Red dimming
11	Green	0 - 255	Green dimming
12	Blue	0 - 255	Blue dimming
13	White	0 - 255	White dimming

14	Linear CTO	0 – 255	Linear color temperature regulation
15	Macro Color	0 – 255	Color macro function
16	Static effect	0 – 255	Five numbers make one effect
17	Dynamic effect	0 – 255	Five numbers make one effect
18	Effect speed	0 – 255	Effect speed
19	Background R	0 – 255	The background is red
20	Background G	0 – 255	The background is green
21	Background B	0 – 255	The background is blue
22	Background W	0 – 255	The background is white
23	LsDimmer	0 – 255	Linear dimming occurs from dark to light
24	LsStrobe	0 – 255	Light up
25	LsRed	0 – 255	LsRed dimming
26	LsGreen	0 – 255	LsGreen dimming
27	LsBlue	0 – 255	LsBlue dimming
28	LsEffect	0 – 255	LsEffect Selection
29	Ls effect Speed	0 – 255	LsEffect speed control
30	Reset	0 – 250	NF
		251 – 255	The lamp body reset was valid for 5s

42CH Mode

Channel	Function	Dmx Value	Description
1	Red	0 – 255	Red dimming
2	Red fine	0 – 255	Red fine turning

3	Green	0 - 255	Green dimming
4	Green fine	0 - 255	Green fine turning
5	Blue	0 - 255	Blue dimming
6	Blue fine	0 - 255	Blue fine turning
7	White	0 - 255	White dimming
8	White fine	0 - 255	White fine turning
9	Linear CTO	0 - 255	Linear color temperature regulation
10	Macro Colour	0 - 255	Color macro function
11	Strobe	0 - 3	Lighting off
		4 - 103	Synchronous strobe speed is ranging from slow to fast
		104 - 107	Light up
		108 - 207	Flat-split strobe speed is ranging from slow to fast
		208 - 212	Light up
		213 - 225	Low speed random flash
		226 - 238	Medium speed random flash
		239 - 251	High speed random flash
		252 - 255	Light up
12	Dimmer	0 - 255	Linear dimming occurs from dark to light
13	Dimmer fine	0 - 255	Tuning fine-tuning control
14	Pan	0 - 255	Horizontal control
15	Pan fine	0 - 255	Horizontal fine-tuning control
16	Tilt	0 - 250	Vertical control
17	Tilt fine	0 - 255	Vertical fine-tuning control
18	Function	0 - 255	Obligate

19	Reset	0 - 250	NF
		251 - 255	The lamp body reset was valid for 5s
20	Zoom	0 - 255	Focus
21	Zoom rotation	0 - 127	0 ~ 60 degrees
		128 - 190	Counterclockwise and infinite rotation
		191 - 192	Stop
		193 - 255	Clockwise polar rotation
22	Shape selection	0 - 255	Shape rotation
23	Shape speed	0 - 255	Shape effect speed control
24	Shape fade	0 - 255	Shape effect is downplayed
25	Shape R	0 - 255	The shape effect is red
26	Shape G	0 - 255	The shape effect is green
27	Shape B	0 - 255	The shape effect is blue
28	Shape W	0 - 255	The shape effect is white
29	Shape dimmer	0 - 255	The effect with 0-100% dimming
30	Background dimmer	0 - 255	Background for 0-100% dimming
31	Shape transition	0 - 255	The shape effect change control
32	Shape offset	0 - 255	The effect angle adjustment
33	Foreground strobe	0 - 255	Foreground strobe
34	Background strobe	0 - 255	Background strobe
35	Background select	0 - 255	Background selection
36	LsDimmer	0 - 255	Linear dimming occurs from dark to light
37	LsStrobe	0 - 255	Light up
38	LsRed	0 - 255	LsRed dimming

39	LsGreen	0 - 255	LsGreen dimming
40	LsBlue	0 - 255	LsBlue dimming
41	LsEffect	0 - 255	LsEffect Selection
42	Ls effect Speed	0 - 255	LsEffect speed control

58CH Mode

Channel	Function	Dmx Value	Description
1	Pan	0 - 255	0-540°
2	Pan fine	0 - 255	16bit adjustable
3	Tilt	0 - 250	0-250°
4	Tilt fine	0 - 255	16bit adjustable
5	P&T speed	0 - 255	P&T speed from fast to slow
6	Zoom	0 - 255	Focus from wide to small
7	Zoom rotation	0 - 127	0 ~ 60 degrees
		128 - 190	Counterclockwise and infinite rotation
		191 - 192	Stop
		193 - 255	Clockwise polar rotation
8	Dimmer	0 - 255	Linear dimming occurs from dark to light
9	Strobe	0 - 3	Lighting off
		4 - 103	Synchronous strobe speed is ranging from slow to fast
		104 - 107	Light up
		108 - 207	Flat-split strobe speed is ranging from slow to fast
		208 - 212	Light up

		213 - 225	Low speed random flash
		226 - 238	Medium speed random flash
		239 - 251	High speed random flash
		252 - 255	Light up
10	Red	0 - 255	Red dimming
11	Green	0 - 255	Green dimming
12	Blue	0 - 255	Blue dimming
13	White	0 - 255	White dimming
14	Linear CTO	0 - 255	Linear color temperature regulation
15	Macro Color	0 - 255	Color macro function
16	Static effect	0 - 255	Static effect
17	Dynamic effect	0 - 255	Dynamic effect
18	Effect speed	0 - 255	Effect speed
19	Background R	0 - 255	The background is red
20	Background G	0 - 255	The background is green
21	Background B	0 - 255	The background is blue
22	Background W	0 - 255	The background is white
23	LsDimmer	0 - 255	Linear dimming occurs from dark to light
24	LsStrobe	0 - 255	Light up
25	LsRed	0 - 255	LsRed dimming
26	LsGreen	0 - 255	LsGreen dimming
27	LsBlue	0 - 255	LsBlue dimming
28	LsEffect	0 - 255	LsEffect Selection
29	Ls effect Speed	0 - 255	LSeffect speed control

30	Reset	0 – 250	NF
		251 – 255	The lamp body reset was valid for 5s
31	R1 led dimming	0 – 255	R1 led dimming
32	G1 led dimming	0 – 256	G1 led dimming
33	B1 led dimming	0 – 257	B1 led dimming
34	W1 led dimming	0 – 258	W1 led dimming
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55	R7 led dimming	0 – 255	R7 led dimming
56	G7 led dimming	0 – 256	G7 led dimming
57	B7 led dimming	0 – 257	B7 led dimming
58	W7 led dimming	0 – 258	W7 led dimming

Maintenance and Cleaning

The following points have to be considered during the inspection:

1. All screws for installing the devices or parts of the device have to be tightly connected and must not be corroded. 2. There must not be any deformations on the housing, color lenses, fixations and installation spots (ceiling, suspension, trussing). 3. Mechanically moved parts must not show any traces of wearing and must not rotate with unbalances. 4. The electric power supply cables must not show any damage, material fatigue or sediments.

Further instructions depending on the installation spot and usage have to be adhered by a skilled installer and any safety problems have to be removed.



CAUTION!

Disconnect from mains before starting maintenance operation.

In order to make the lights in good condition and extend the life time, we suggest a regular cleaning to the lights.

- 1) Clean the inside and outside lens each week to avoid the weakness of the lights due to accumulation of dust.
- 2) Clean the fan each week.
- 3) A detailed electric check by approved electrical engineer each three month, make sure that the circuit contacts are in good condition, prevent the poor contact of circuit from overheating.

We recommend a frequent cleaning of the device. Please use a moist, lint- free cloth. Never use alcohol or solvents. There are no serviceable parts inside the device. Please refer to the instructions under “Installation instructions” .Should you need any spare parts, please order genuine parts from your local dealer