

7*40W LED BEE EYE MOVING HEAD

Operation Manual



Dear User, please read the manual carefully before you use our light machine

Product technical parameters:

Voltage: AC90-240v
Power: 350w
Frequency: 50-60Hz
Lamp beads: 7x40w OSRAM 4-in-1 LED beads
Channel: 23CH/35CH/51CH
Control mode: DMX/master-slave/voice control
Horizontal scan: 540 degrees
Vertical scan: 270 degrees
Strobe: 1-25 times/sec or random
Display: LCD/English WQERFWSFRF
Net weight: 6.5kg

1. DMX Settings

This option is used to set the DMX mailing address and channel setting, press "Enter" to start setting, the address presses the "UP" key to increase the address number, the opposite "DOWN" key can decrease the address number, select the address and press "Enter" saves the exit. There are 23CH/35CH/51CH for selection.

2. Run Mode

This option is used to set the working mode of the lamp body, press the "Enter" key to enter the setting, press the "UP" key or the "DOWN" key to select the working mode, and the working mode is in turn "DMX512", "Slow", "Fast", "Sound", "manual", select the working mode and press "Enter" saves the exit.

DMX512: light console control

Slow: slow auto run

Fast: fast auto run

Sound: sound auto run

manual: manual operation, can do scenes setting, can do light machines connection

3. Invert Pan\Invert Tilt

This option is to reverse the X/Y axis direction, press the "Enter" key to enter the settings, press the "UP" key or "DOWN" Key to select whether the X/Y axis is reversed, "Yes" indicates that the X/Y axis is reversed, and "NO." Indicates that the X/Y axis is not reversed, select the direction and press "Enter" to save and exit.

4. Display Set

This option is for display font, language and the LCD backlight light settings, press the "Enter" key to enter the settings, press the "UP" key or "DOWN" key to switch the LCD backlight, select

"Yes" means that the LCD backlight switch on long time, select "NO" means that LCD backlight will switch off after 20 seconds if there is no operation. Press "Enter" to save and exit.

Invert Word: font backwards
English/Chinese: change language
LCD Backlight on: LCD backlight start to set

5. Manual Set

This option is for light senses parameter to set, press "Enter" can start to save, or start to connect other lights. Light must be at Run Mode and Manual setting. After power off, light will save this working status and keep it for next power on.

6. Sound Sence

This option is for sound control sensitivity setting, press "Enter" to start, press the "UP" key or "DOWN" Key to set it from 0~100. After you select the vaule, press "Enter" to save.

7. System Set

System Information:

The version: V1 software version
Default Settings: reset factory setting
Code Settings: password set

When you start to passwod set, you need to enter password to check and set pan/tilt fine or led Parameter.

Password is "DOWN-DOWN-UP-UP"

PAN_INIT: pan fine
TILT_INIT: tilt fine
ROTA_INIT: lens plate rotation fine
ZOOM_INIT: zoom fine
SET_R: red current
SET_G: green current
SET_B: blue current
SET_W: white current

8. Reset

This option is for resenet. The light will reset after 3 seconds, after you select this function.

Channel List:

23 Channels	Function	DMX Value	Description
1	X-axis	0-255	0 ~ 540 degrees
2	X-axis fine-tuning	0-255	16bit adjustable
3	Y-axis	0-255	0 ~ 270 degrees
4	Y-axis fine-tuning	0-255	16bit adjustable
5	XY speed	0-255	Speed from fast to slow
6	Zoom	0-255	Angel from small to big
7	Rotation	0-127	0 ~ 60 degrees
		128-191	From fast to slow infinite rotation (clockwise)
		192-255	From fast to slow infinite rotation (Counterclockwise)
8	Total dimming	0-255	Linear dimming from dark to light
9	Strobe	0-3	Light up
		4-203	Synchronous strobe speed from slow to fast (1HZ ~ 25HZ).
		204-255	Random strobe
10	Red dimming	0-255	Linear dimming from dark to light
11	Green dimming	0-255	Linear dimming from dark to light
12	Blue dimming	0-255	Linear dimming from dark to light
13	White dimming	0-255	Linear dimming from dark to light
14	Color temperature	0-255	Linear color temperature adjustment
15	Wash	0-255	Built-in color fading
16	Static effects	0-255	
17	Dynamic effects	0-255	
18	Dynamic effects speed	0-255	From slow to fast (use together with CH15)
19	Background red	0-255	Linear dimming from dark to light
20	Background green	0-255	Linear dimming from dark to light
21	Background blue	0-255	Linear dimming from dark to light
22	Background white	0-255	Linear dimming from dark to light
23	Reset	0-250	No function

		251-255	Machine reset valid 5 seconds
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51 Channels	Function	DMX Value	Description
1	X-axis	0-255	0 ~ 540 degrees
2	X-axis fine-tuning	0-255	16bit adjustable
3	Y-axis	0-255	0 ~ 270 degrees
4	Y-axis fine-tuning	0-255	16bit adjustable
5	XY speed	0-255	Speed from fast to slow
6	Zoom	0-255	Angel from small to big
7	Rotation	0-127	0 ~ 60 degrees
		128-191	From fast to slow infinite rotation (clockwise)
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8	Total dimming	0-255	Linear dimming from dark to light
9	Strobe	0-3	Light up
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10	Red dimming	0-255	Linear dimming from dark to light
11	Green dimming	0-255	Linear dimming from dark to light
12	Blue dimming	0-255	Linear dimming from dark to light
13	White dimming	0-255	Linear dimming from dark to light
14	Color temperature	0-255	Linear color temperature adjustment
15	Wash	0-255	Built-in color fading
16	Static effects	0-255	
17	Dynamic effects	0-255	
18	Dynamic effects speed	0-255	From slow to fast (use together with CH15)
19	Background red	0-255	Linear dimming from dark to light
20	Background green	0-255	Linear dimming from dark to light
21	Background blue	0-255	Linear dimming from dark to light
22	Background white	0-255	Linear dimming from dark to light
23	Reset	0-250	No function
		251-255	Machine reset valid 5 seconds
24	Single led control	0-255	R LED1
25	Single led control	0-255	G LED1
26	Single led control	0-255	B LED1
27	Single led control	0-255	W LED1

28	Single led control	0-255	R LED2
29	Single led control	0-255	G LED2
30	Single led control	0-255	B LED2
31	Single led control	0-255	W LED2
32	Single led control	0-255	R LED3
33	Single led control	0-255	G LED3
34	Single led control	0-255	B LED3
35	Single led control	0-255	W LED3
36	Single led control	0-255	R LED4
37	Single led control	0-255	G LED4
38	Single led control	0-255	B LED4
39	Single led control	0-255	W LED4
40	Single led control	0-255	R LED5
41	Single led control	0-255	G LED5
42	Single led control	0-255	B LED5
43	Single led control	0-255	W LED5
44	Single led control	0-255	R LED6
45	Single led control	0-255	G LED6
46	Single led control	0-255	B LED6
47	Single led control	0-255	W LED6
48	Single led control	0-255	R LED7
49	Single led control	0-255	G LED7
50	Single led control	0-255	B LED7
51	Single led control	0-255	W LED7

35 Channels	Function	DMX Value	Description
1	Red	0-255	Red dimming
2	Red Fine	0-255	Red fine
3	Green	0-255	Green dimming
4	Green Fine	0-255	Green fine
5	Blue	0-255	Blue dimming
6	Blue Fine	0-255	Blue fine
7	White	0-255	White dimming
8	White Fine	0-255	White fine
9	Linear CTO	0-255	Linear color temperature adjustment
10	Macro colour	0-255	Marco color
11	Strobe	0-255	Main dimming strobe
12	Dimmer	0-255	Main dimming

13	Dimmer Fine	0-255	Main dimming fine
14	Pan	0-255	X-axis
15	Pan Fine	0-255	X-axis fine-tuning
16	Tilt	0-255	Y-axis
17	Tilt Fine	0-255	Y-axis fine-tuning
18	Function	0-255	Function channel
19	Reset	0-255	Reset
20	Zoom	0-255	Zooming
21	Zoom Rotation	0-255	Lens plate rotation
22	Shape Selection	0-255	Built-in effects selection
23	Shape Speed	0-255	Built-in effects speed adjustment
24	Shape Fade	0-255	Built-in effects fading
25	Shape R	0-255	Built-in effects foreground red dimming
26	Shape G	0-255	Built-in effects foreground green dimming
27	Shape B	0-255	Built-in effects foreground blue dimming
28	Shape W	0-255	Built-in effects foreground white dimming
29	Shape Dimmer	0-255	Built-in effects foreground total dimming
30	Background Dimmer	0-255	Built-in effects foreground background dimming
31	Shape Transition	0-255	Built-in effects change
32	Shape Offset	0-255	Close built-in effects
33	Foreground Strobe	0-255	Foreground strobe
34	Background Strobe	0-255	Background strobe
35	Background Select	0-255	Background select

Routine maintenance

Cleaning and maintenance

The equipment requires daily cleaning and maintenance, and the service life of the equipment depends largely on the operating environment and daily cleaning and maintenance, and the power supply is cut off before any lid is opened

Optical parts should be lightly rubbed, the coating surface is brittle, easy to scratch, do not use destructive solvents otherwise it will damage the plastic or coated surface. Remove dust from fans and air holes with a soft brush, tissue paper, air cleaner or pressure dryer.