

7X40W BEE EYE MOVING WASH LIGHT PRODUCT MANUAL



I. Display Panel and Button



Menu: Enter/return to the main menu

Up: menu function up selection/parameter increment

Down: menu function selection down/parameter decrease

Confirm: Select the menu function and make a confirmation and save when modifying the menu function parameters.

II.Menu

After powering on and resetting the entire machine, press the menu button to enter the main menu (exit after 30 seconds without any operation on the main menu interface). Please refer to the main menu function table for details(5 main menu options in total); Select the main menu with the up or down arrow keys, enter the confirm button to modify the functional parameters of each menu, and then press the confirm button to save the current functional parameters (with power-off memory after saving).

Main Menu	Submenu	Menu Function Description
1.System settings	1. DMA address	Modify the DMA address code up or down (optional range of address codes 001-512), confirm to save, default to 001.
	2. Encoder	Modify the encoder on/off up or down, save with the confirm button, and default to on.
	3. X reversal	Modify X up or down to reverse on/off, confirm to save, default to off.
	4. Y Invert	Modify Y up or down to reverse on/off, confirm to save, default to off.
2.Operating mode	1.Operation mode	Select the operating mode up or down, such as MAX/voice control/automatic, and press the confirm button to save. The default mode is MAX.
	2.Channel selection	Select channels CH25, CH26, CH30, and CH58 up or down with the confirm button to save, default to CH25.



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3.manual	1. X	Modify the operating parameter values of X motor up or down (adjustable range 000-255), confirm and save, default to 000.
	2. X fine tuning	Modify the X fine-tuning parameter value up or down (adjustable range 000-255), confirm to save, default to 000.
	3. Y	Modify the operating parameter values of the Y motor up or down (adjustable range 000-255), confirm and save, default to 128.
	4. Y fine-tuning	Modify the Y fine-tuning parameter values up or down (adjustable range 000-255), confirm and save, default to 000.
	5. XY speed	Modify the XY speed parameter value up or down (adjustable range 000-255), confirm to save, default to 000.
	6. Dimming	Modify the dimming parameter values up or down (adjustable range 000-255), confirm to save, default to 255.
	7. Strobe	Modify the strobe parameter values up or down (adjustable range 000-255), confirm to save, default to 000.
	8. Red	Modify the brightness of the red light bead up or down (adjustable range 000-255), confirm to save, default to 255.
	9. Green	Modify the green light bead brightness up or down (adjustable range 000-255), confirm to save, default to 255.
	10. Blue	Modify the brightness of the blue light bead up or down (adjustable range 000-255), confirm to save, default to 255.
	11. White	Modify the brightness of the white light bead up or down (adjustable range 000-255), confirm to save, default to 255.
	12. Focusing	Modify the focusing parameter values up or down (adjustable range 000-255), confirm and save, default to 000.
	13. Mode	Modify the mode parameter values up or down (adjustable range 000-255), confirm to save, default to 000.
	14. Speed	Modify the speed parameter value up or down (adjustable range 000-255), confirm to save, default to 000.
	15. Color temperature	Modify the color temperature parameter values up or down (adjustable range 000-255), confirm and save, default to 000.
	16. Reset	Modify the reset parameter values up or down (adjustable range 000-255), confirm to save, default to 000.
4.Display Settings	1. Language selection	Select Chinese/EN (English) up or down, confirm to save, default to Chinese.
	2. Inverted Display Settings	Select up or down to turn off/on the inverted display setting, confirm to save, default to off.
	3. Screen saver	Select up or down to turn off/on screen saver, confirm to save, default to on.
	4. Software version	The identity code of the 03VA program cannot be modified.



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5.Factory settings	Display, please enter password! Change up or down to 138, then press the confirm button to enter the factory settings.	1. X-axis calibration
		2. Y-axis calibration
		3. Focusing calibration
		4. Rotation calibration
		5. Red
		6. Green
		7. Blue
		8. White
		9. Current
		10. Speed
		11. Logo
		12. Temperature
		13. Temperature - Fan

III.Master-slave Control

Two or more identical lighting fixtures are connected using a three core signal wire in the DMXs. All lighting fixtures are modified to any address code from 001 to 512, and any one of them is set as the host, while the other lighting fixtures are set as the slave. The display screens of all slave devices do not flash; When using the host to adjust the gradient, pulse, jump, voice control, and self-propelled effects, all slaves synchronize the gradient, pulse, jump, voice control, and self-propelled effects.

Special attention:

1. Only one host can be set for a group of lighting fixtures. If there are multiple hosts, all lighting fixtures will flash randomly and not synchronize.
2. All lighting fixtures must be functional when the DMX512 console is turned off.

IV.DMX512 control

All lighting fixture address codes are set up, and all lighting fixtures are connected in parallel to the DMX512 console using a three core signal wire. The address code stops flashing, indicating that the DMX512 console signal has been sent to the lighting fixture. According to the channel instructions, use the DMX512 console to control the relevant functions.

25 Channel :

No.	Channel Value	Basic Function
1	000-255	X
2	000-255	X fine tuning
3	000-255	Y
4	000-255	Y fine-tuning
5	000-255	XY speed
6	000-255	focusing



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		2. Y-axis calibration
		3. Focusing calibration
		4. Rotation calibration
		5. Red
		6. Green
		7. Blue
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3	000-255	Y
4	000-255	Y fine-tuning
5	000-255	XY speed
6	000-255	focusing



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7	000-255	rotate
8	000-255	Dimming
9	000-255	Strobe
10	000-255	R foreground color
11	000-255	G foreground color
12	000-255	B foreground color
13	000-255	W foreground color
14	000-255	Color temperature
15	000-255	mode
16	000-255	speed
17	000-255	R background color
18	000-255	G background color
19	000-255	B background color
20	000-255	W background color
21	000-255	Reset: Keep the parameter value between 250-255 for 3 seconds to reset the entire machine. The control panel parameter value must be pulled below 10 first.
22	000-255	Dimming RGB auxiliary light, below is
23	000-255	Strobe
24	000-255	mode
25	000-255	speed

Technical Parameter

Voltage: AC100~240V 50/60HZ

Power: 350W

Lamp beads: 7 4-in-1 LED lamp beads

Control mode: DMX512, self-propelled, master-slave, voice control, with RDM function.

Channels: CH25, CH26, CH30, CH58

Dimming: 32bit 0-100% linear dimming

Features: shaking the head+dyeing+flashing+rotating+auxiliary light

Working temperature: -30 ° C~50 ° C

Strobe frequency: 1-30Hz

Appearance: Metal, black

Connection method: DMX512 input/output/power input/output.

IP level: IP20



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26 Channel :

No.	Channel Value	Basic Function
1	000-255	X
2	000-255	X fine tuning
3	000-255	Y
4	000-255	Y fine-tuning
5	000-255	XY speed
6	000-255	focusing
7	000-255	rotate
8	000-255	Dimming
9	000-255	Strobe
10	000-255	R foreground color
11	000-255	G foreground color
12	000-255	B foreground color
13	000-255	W foreground color
14	000-255	Color temperature
15	000-255	mode
16	000-255	speed
17	000-255	R background color
18	000-255	G background color
19	000-255	B background color
20	000-255	W background color
21	000-255	Reset: Keep the parameter value between 250-255 for 3 seconds to reset the entire machine. The control panel parameter value must be pulled below 10 first, and then pushed back to 250-255 to be effective. The parameter value between 000-249 has no effect and cannot be reset.
22	000-255	Dimming RGB auxiliary light, below is
23	000-255	Strobe
24	000-255	mode
25	000-255	speed
26	000-255	X



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30 Channel:

No.	Channel Value	Basic Function
1	000-255	X
2	000-255	X fine tuning
3	000-255	Y
4	000-255	Y fine-tuning
5	000-255	XY speed
6	000-255	focusing
7	000-255	rotate
8	000-255	Dimming
9	000-255	Strobe
10	000-255	R foreground color
11	000-255	G foreground color
12	000-255	B foreground color
13	000-255	W foreground color
14	000-255	Color temperature
15	000-255	mode
16	000-255	speed
17	000-255	R background color
18	000-255	G background color
19	000-255	B background color
20	000-255	W background color
21	000-255	Reset: Keep the parameter value between 250-255 for 3 seconds to reset the entire machine. The control panel parameter value must be pulled below 10 first, and then pushed back to 250-255 to be effective. The parameter value between 000-249 has no effect and cannot be reset.
22	000-255	Dimming RGB auxiliary light, below is
23	000-255	Strobe
24	000-255	R
25	000-255	G



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26	000-255	B
27	000-255	mode
28	000-255	speed
29	000-255	Background color
30	000-255	Background tone light

58 Channel:

No.	Channel Value	Basic Function
1	000-255	X
2	000-255	X fine tuning
3	000-255	Y
4	000-255	Y fine-tuning
5	000-255	XY speed
6	000-255	focusing
7	000-255	rotate
8	000-255	Dimming
9	000-255	Strobe
10	000-255	R foreground color
11	000-255	G foreground color
12	000-255	B foreground color
13	000-255	W foreground color
14	000-255	Color temperature
15	000-255	mode
16	000-255	speed
17	000-255	R background color



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18	000-255	G background color
19	000-255	B background color
20	000-255	W background color
21	000-255	Reset: Keep the parameter value between 250-255 for 3 seconds to reset the entire machine. The control panel parameter value must be pulled below 10 first, and then pushed back to 250-255 to be effective. The parameter value between 000-249 has no effect and cannot be reset.
22	000-255	The first red light bead
23	000-255	The first green light bead
24	000-255	The first blue light bead
25	000-255	The first white light bead
		
46	000-255	The 7th Red Light Bead
47	000-255	The 7th green light bead
48	000-255	7th Blue Bead
49	000-255	The 7th White Lamp Ball
50	000-255	Dimming RGB auxiliary light, below is
51	000-255	Strobe
52	000-255	R
53	000-255	G
54	000-255	B
55	000-255	mode
56	000-255	speed
57	000-255	Background color
58	000-255	Background tone light