

5 x 60W Beam + Strobe Two Sides Infinite Moving Head Light

Manual

1. Definition Of Display Panel and Keys



Menu key: enter/return to the main menu

Up key: menu function up selection/parameter increment

Down key: menu function down selection/parameter decrement

Confirm key: select the menu function, and confirm and save when the menu function parameters are modified.

2. Menu Functions

After the whole machine is powered on and reset, press the menu key to enter the main menu (exit after 30 seconds without operation on the main menu interface). See the main menu menu for details (5 main menu options in total); Press the up or down key to select the main menu, and press the OK key to enter the function parameters of each menu. After modification, press the OK key to save the current function parameters (after saving, there is power down memory).

Main Menu	Submenu	Menu Function Description
1. System settings 2. Operating mode 3. Manual control Main Menu	1. DMX Address	Modify the DMX address code up or down (the address code can be selected from 001-512), and press OK to save it. The default is 001.
	2. Encoder	Modify the encoder on/off upward or downward, and save the confirmation key, which is on by default.
	3. X Reverse	Modify X up or down to turn it on/off. Press OK to save it. It is off by default.
	4. Y Reverse	Modify Y upward or downward to turn it on/off. Press OK to save. It is closed by default.
1. System settings 2. Operating mode	1. Operating mode	Select up or down the operation mode DMX/voice control/auto, confirm to save, default DMX.
	2. Channel selection	Select channels CH33, CH53, CH69, CH105 up or down, and press OK to save. The default is CH33.
3. Manual control	1. X axis	Modify the operating parameter value of X motor up or down (adjustable range 000-255), and press OK to save it. The default value is 000.
	2. X Rotation	Modify the X rotation parameter value up or down (adjustable range 000-255), and press OK to save. The default value is 000.
	3. X axis fine adjustment	Modify the operating parameter value of the X fine tuning motor up or down (adjustable range 000-255), and save the confirmation key. The default value is 128.
	4. Y axis	Modify the Y axis parameter value up or down (adjustable range 000-255), and

		press OK to save. The default value is 128.
	5. Y Rotation	Modify Y rotation parameter value up or down (adjustable range 000-255), and press OK to save. The default value is 000.
	6. Y-axis fine adjustment	Modify Y fine-tuning parameter value up or down (adjustable range 000-255), and press OK to save. The default value is 000.
	7. XY speed	Modify the XY speed parameter value up or down (adjustable range 000-255), and press OK to save. The default value is 000.
	8. Focusing	Modify the focusing value up or down (adjustable range 000-255), and press the OK key to save. The default is 000.
	9. General dimming	Modify the total dimming value up or down (adjustable range 000-255), and press OK to save. The default value is 255.
	10. A Dimming	Modify the dimming value up or down (adjustable range 000-255), and press OK to save. The default value is 255.
	11. A Strobe	Modify the stroboscopic value up or down (adjustable range 000-255), and press OK to save. The default value is 000.
	12. A Red	Modify the brightness of the red lamp bead up or down (adjustable range 000-255), and press OK to save. The default value is 255.
	13. A Green	Modify the brightness of the green lamp bead up or down (adjustable range 000-255), and press OK to save. The default value is 255.
	14. A Blue	Modify the brightness of the blue lamp bead up or down (adjustable range 000-255), and press OK to save. The default value is 255.
	15. A White	Modify the brightness of white lamp beads up or down (adjustable range 000-255), and press OK to save. The default value is 255.
	16. Mode A	Modify the mode parameter value up or down (adjustable range 000-255), and press OK to save. The default value is 000.
	17. A Speed	Modify the speed parameter value up or down (adjustable range 000-255), and press OK to save. The default value is 000.
	18. A Background color	Modify the background color parameter value up or down (adjustable range 000-255), and press OK to save. The default value is 000.
	19. A Background tone light	Modify the background tone light parameter value up or down (adjustable range 000-255), and press OK to save. The default value is 000.
	20. B Dimming	Modify the dimming value up or down (adjustable range 000-255), and press OK to save. The default value is 255.
	21. B stroboscopic	Modify the stroboscopic value up or down (adjustable range 000-255), and press OK to save. The default value is 000.
	22. Mode B	Modify the mode parameter value up or down (adjustable range 000-255), and press OK to save. The default value is 000.
	23. Speed B	Modify the speed parameter value up or down (adjustable range 000-255), and press OK to save. The default value is 000.
	24. C dimming	Modify the dimming value up or down (adjustable range 000-255), and press OK to save. The default value is 255.
	25. C stroboscopic	Modify the stroboscopic value up or down (adjustable range 000-255), and press OK to save. The default value is 000.
	26. C red	Modify the brightness of the red lamp bead up or down (adjustable range 000-255), and press OK to save. The default value is 255.
	27. C green	Modify the brightness of the green lamp bead up or down (adjustable range

		000-255), and press OK to save. The default value is 255.	
	28. C Blue	Modify the brightness of the blue lamp bead up or down (adjustable range 000-255), and press OK to save. The default value is 255.	
	29. Mode C	Modify the mode parameter value up or down (adjustable range 000-255), and press OK to save. The default value is 000.	
	30. C speed	Modify the speed parameter value up or down (adjustable range 000-255), and press OK to save. The default value is 000.	
	31. C background color	Modify the background color parameter value up or down (adjustable range 000-255), and press OK to save. The default value is 000.	
	32. C background tone light	Modify the background tone light parameter value up or down (adjustable range 000-255), and press OK to save. The default value is 000.	
	33. reset	When the parameter value is 150-255, the whole machine is reset. The console parameter value must be pulled below 10 and then pushed to 150-255 to be useful. When the parameter value is 000-149, it is useless and cannot be reset.	
4、Display Settings	1. Language selection	Select Chinese/EN (English) up or down, and click OK to save. The default is Chinese.	
	2. Invert Settings	Select up or down to close/open the inverted display setting, and press OK to save it. It is closed by default.	
	3. Screen saver	Select Close/Open the screen saver up or down, and press the Enter key to save it. It is enabled by default.	
	4. Software version	06XA program ID, which cannot be modified.	
5、Factory Settings	Please enter password for display! Change it up or down to 138, and then press the OK key to enter the factory setting.	1. X axis calibration	Modify the parameters up or down (range 000-255), and press OK to save. The default value is 128.
		2. Y-axis calibration	Modify the parameters up or down (range 000-255), and press OK to save. The default value is 128.
		2. X-axis non-polar	Modify X stepless parameter up or down (range 000-255), and press OK to save. The default value is 128.
		2. Y-axis non-polar	Modify Y stepless parameter up or down (range 000-255), and press OK to save. The default value is 128.
		3. Focus calibration	Modify the parameters up or down (range 000-255), and press OK to save. The default value is 128.
		2. Focus stroke	Modify the parameters up or down (range 000-255), and press OK to save. The default value is 128.
		5. Red	Modify the red lamp bead current (032-255) upward or downward, and press OK to save. The default is 252.
		6. Green	Modify the green lamp bead current (032-255) upward or downward, and press OK to save. The default is 252.
		7. Blue	Modify the blue lamp bead current (032-255) upward or downward, and press OK to save. The default is 252.
		8. White	Modify the white lamp bead current (032-255) upward or downward, and press OK to save. The default is 252.
		2. White 3W	Modify the white 3W lamp bead current (032-255) upward or downward, and press OK to save. The default is 252.
		9. X-axis	Modify the X speed parameter up or down (range 000-255), and

		speed	press OK to save. The default is 116.
		2. Y-axis speed	Modify Y speed parameter up or down (range 000-255), and press OK to save. The default is 128.
		2. Logo	Select 000/001 up or down, and press OK to save. The default is 000.
		2. Temperature	Modify the temperature parameters up or down (range 40-70), and press OK to save. The default is 060.
		2. Temperature - Fan	Select the off/on temperature fan control upward or downward, and press the OK key to save it. It is off by default.
		2. LED	LED selection default LEDA
		10. Current	Select 000/007 up or down, and press OK to save. The default is 000.
		11. Logo	Select 000/001 up or down, and press OK to save. The default is 000.
		12. Temperature	Modify the temperature parameters up or down (range 40-70), and press OK to save. The default is 065.
		13. Temperature - Fan	Select the off/on temperature fan control upward or downward, and the confirmation key is saved. The default is on.

3. Master Slave Control

Two or more identical lamps are connected with DMX three core signal lines. All lamps are modified to any address code from 001 to 512. Any lamp is set as the host and other lamps are slave. All slave displays do not flicker; When the master is used to adjust the effect of gradual change, pulse change, jump change, voice control and self walking, all slave machines are synchronized with the effect of gradual change, pulse change, jump change, voice control and self walking.

Special attention:

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

4. DMX512 Control

The address codes of all lamps are set. All lamps are connected to DMX512 console in parallel with DMX three core signal lines. The address code stops flashing, indicating that DMX512 console signals have been sent to lamps. DMX512 console is used to control relevant functions according to channel instructions.

CH33Channel Description:

CH	Value	basic function
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1	000-255	X axis
2	000-255	X-axis non-polar
3	000-255	X Trim
4	000-255	Y axis
5	000-255	Y-axis non-polar
6	000-255	Y Trim
7	000-255	XY speed
8	000-255	focusing
9	000-255	Total dimming (AB side)
10	000-255	RGBW dimming (A-side)
11	000-255	RGBW strobe (A-side)
12	000-255	Red (Side A)
13	000-255	Green (Side A)
14	000-255	Blue (Side A)
15	000-255	White (Side A)
16	000-255	RGBW mode (A-side)
17	000-255	RGBW speed (A-side)
18	000-255	Background color (side A)
19	000-255	Background tone light (side A)
20	000-255	White 1 (Side B)
21	000-255	White 1 strobe (B side)
22	000-255	White 1 mode (B side)
23	000-255	White 1 speed (B side)
24	000-255	Red 1 green 1 blue 1 dimming (auxiliary light) (side B)
25	000-255	Red 1 green 1 blue 1 strobe (secondary light) (side B)
26	000-255	Red 1 (auxiliary light) (side B)
27	000-255	Green 1 (secondary light) (side B)
28	000-255	Blue 1 (secondary light) (side B)
29	000-255	Red 1 green 1 blue 1 mode (secondary light) (side B)
30	000-255	Red 1 green 1 blue 1 speed (secondary light) (side B)
31	000-255	Background color (secondary light) (side B)
32	000-255	Background tone light (auxiliary light) (side B)
33	000-255	Reset: When the parameter value is 150-255, the whole machine will be reset. The console parameter value must be pulled below 10 and then pushed to 150-255 to be useful. When the parameter value is 000-149, it is useless and cannot be reset.

CH53Channel Description:

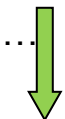
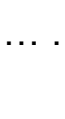
CH	Value	basic function
1	000-255	X axis
2	000-255	X-axis non-polar
3	000-255	X Trim
4	000-255	Y axis
5	000-255	Y-axis non-polar
6	000-255	Y-axis fine adjustment
7	000-255	XY speed
8	000-255	focusing

9	000-255	Total dimming (AB side)
10	000-255	RGBW dimming (A-side)
11	000-255	RGBW strobe (A-side)
12	000-255	Red (Side A)
13	000-255	Green (Side A)
14	000-255	Blue (Side A)
15	000-255	White (Side A)
16	000-255	RGBW mode (A-side)
17	000-255	RGBW speed (A-side)
18	000-255	RGB background color (A side)
19	000-255	RGB background tone light (A-side)
20	000-255	White dimming (side B)
21	000-255	White strobe (side B)
22	000-255	White mode (side B)
23	000-255	White speed (side B)
24	000-255	RGB dimming
25	000-255	RGB strobe
26	000-255	red
27	000-255	green
28	000-255	blue
29	000-255	RGB mode
30	000-255	RGB speed
31	000-255	RGB background color
32	000-255	RGB background tone light
33	000-255	Reset: When the parameter value is 150-255, the whole machine will be reset. The console parameter value must be pulled below 10 and then pushed to 150-255 to be useful. When the parameter value is 000-149, it is useless and cannot be reset.
34	000-255	Red 1 (Side A)
35	000-255	Green 1 (Side A)
36	000-255	Blue 1 (Side A)
37	000-255	White 1 (Side A)
...	...	...
...	...	...
...	...	...
50	000-255	Red 5 (Side A)
51	000-255	Green 5 (Side A)
52	000-255	Blue 5 (Side A)
53	000-255	White 5 (Side A)

CH69Channel Description:

CH	Value	basic function
1	000-255	X axis
2	000-255	X-axis non-polar
3	000-255	X Trim
4	000-255	Y axis

5	000-255	Y-axis non-polar
6	000-255	Y-axis fine adjustment
7	000-255	XY speed
8	000-255	focusing
9	000-255	Total dimming (AB side)
10	000-255	RGBW dimming (A-side)
11	000-255	RGBW strobe (A-side)
12	000-255	Red (Side A)
13	000-255	Green (Side A)
14	000-255	Blue (Side A)
15	000-255	White (Side A)
16	000-255	RGBW mode (A-side)
17	000-255	RGBW speed (A-side)
18	000-255	RGB background color (A side)
19	000-255	RGB background tone light (A-side)
20	000-255	White dimming (side B)
21	000-255	White strobe (side B)
22	000-255	White mode (side B)
23	000-255	White speed (side B)
24	000-255	RGB dimming
25	000-255	RGB strobe
26	000-255	red
27	000-255	green
28	000-255	blue
29	000-255	RGB mode
30	000-255	RGB speed
31	000-255	RGB background color
32	000-255	RGB background tone light
33	000-255	Reset: When the parameter value is 150-255, the whole machine will be reset. The console parameter value must be pulled below 10 and then pushed to 150-255 to be useful. When the parameter value is 000-149, it is useless and cannot be reset.
34	000-255	Red 1 (Side A)
35	000-255	Green 1 (Side A)
36	000-255	Blue 1 (Side A)
37	000-255	White 1 (Side A)
...	...	...
...	...	...
...	...	...
50	000-255	Red 5 (Side A)
51	000-255	Green 5 (Side A)
52	000-255	Blue 5 (Side A)
53	000-255	White 5 (Side A)
54	000-255	1 White (Side B)

		
69	000-255	16 White (Side B)

CH104Channel Description:

CH	Value	basic function
1	000-255	X axis
2	000-255	X-axis non-polar
3	000-255	X Trim
4	000-255	Y axis
5	000-255	Y-axis non-polar
6	000-255	Y-axis fine adjustment
7	000-255	XY speed
8	000-255	focusing
9	000-255	Total dimming (AB side)
10	000-255	RGBW dimming (A-side)
11	000-255	RGBW strobe (A-side)
12	000-255	Red (Side A)
13	000-255	Green (Side A)
14	000-255	Blue (Side A)
15	000-255	White (Side A)
16	000-255	RGBW mode (A-side)
17	000-255	RGBW speed (A-side)
18	000-255	RGB background color (A side)
19	000-255	RGB background tone light (A-side)
20	000-255	White dimming (side B)
21	000-255	White strobe (side B)
22	000-255	White mode (side B)
23	000-255	White speed (side B)
24	000-255	RGB dimming
25	000-255	RGB strobe
26	000-255	red
27	000-255	green
28	000-255	blue
29	000-255	RGB mode
30	000-255	RGB speed
31	000-255	RGB background color
32	000-255	RGB background tone light
33	000-255	Reset: When the parameter value is 150-255, the whole machine will be reset. The console parameter value must be pulled below 10 and then pushed to 150-255 to be useful. When the parameter value is 000-149, it is useless and cannot be reset.
34	000-255	Red 1 (Side A)
35	000-255	Green 1 (Side A)
36	000-255	Blue 1 (Side A)
37	000-255	White 1 (Side A)

50	000-255	Red 5 (Side A)
51	000-255	Green 5 (Side A)
52	000-255	Blue 5 (Side A)
53	000-255	White 5 (Side A)
54	000-255	1 White (Side B)
69	000-255	16 White (Side B)
70	000-255	Red 1 (Side B)
71	000-255	Green 1 (Side B)
72	000-255	Blue 1 (Side B)
103	000-255	Red 12 (Side B)
104	000-255	Green 12 (Side B)
105	000-255	Blue 12 (Side B)

5. Technical Parameters:

Voltage: AC100~240V 50/60HZ

Power: 500W

LEDs: 60W * 5 RGBW 4in1; There are 96pcs 7070 Led beads, divided into 12 sections; 5050 Led beads 72 around.

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

Channels: CH33, CH53, CH69, CH105

Dimming: 32bit 0~100% linear dimming

Features: XY head shaking+beam+burst+XY electrodeless+auxiliary light

Operating temperature: - 30 °C~50 °C

Stroboscopic frequency: 1~30HZ

Appearance: metal, black

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

IP grade: IP20