6x40W Led Beam Infinite Moving Head

1. Display panel and key definitions

Signal indicator light → (green)

Error indication → indicator (red)

The menu key: Enter / return to the main menu
Up: Menu function up / parameter add
Down: Menu function select down / parameter parameter
Confirmation: Select menu function and save when menu function parameters are modified.

2. Menu function

After the whole machine is reset, press the menu button and enter the main menu (exit without the main menu interface for 30 seconds), see the main menu menu (5 main menu options); select the main menu up or down, enter the function parameters of each menu, and then press the confirmation key to save the current function parameters (power drop memory after saving).

primary menu	submenu	Menu function description
1. System setting	1. DMX address	Modify the DMX address code up or down (address code optional range 001-512), confirm the key to save, the default is 001.
	2, encoder	Modify the encoder on / off, confirm that the key is saved and turned on by default.
	3. X reversal	Modify X reverse up or down on / off, confirm the key is saved and off by default.
	4. Y reversal	Modify Y reverse up or down on / off, confirm the key is saved and off by default.
2. Operation mode	1. Operation mode	Select running mode DMX / voice / automatic, confirm key save, default DMX.
	2. Channel selection	Select channel CH17 / CH37 up or down, confirm that the key is saved, default CH17.
3. Manual control	1. X-axis	Modify the operation parameter value of the X motor (adjustable range 000-255) up or down, and confirm that the key is saved, with the default of 000.
	2. Fine tuning of X axis	Modify the X fine-tuning motor operating parameter value (adjustable range 000-255) up or down, confirm that the key is saved, and the default is 128.
	3. X rotation	Modify the X rotation parameter value up or down (adjustable range 000-255), and confirm that the key is saved, with the default of 255.
	4. Y axis	Modify the Y-axis parameter value up or down (adjustable range 000-255), confirm that the key is saved, and the default is 000.
	5. Y axis fine-tuning	Modify the Y fine-tuning parameter value up or down (adjustable range 000-255), confirm that the key is saved, and the default is 000.
	6. XY speed	Modify the XY speed parameter value up or down (adjustable range 000-255), confirm the key to save, the default is 000.
	7. Tuning	Modify the adjustable brightness value up or down (adjustable range 000-255),

		confirm that the key is saved, and the default is 255.
	8. Flash	Modify the strobe parameter value up or down (adjustable range 000-255), confirm that the key is saved, and the default is 000.
	Red	Modify the red bead brightness up or down (adjustable range 000-255), confirm that the key is saved, and the default is 255.
	Green	Modify the green bead brightness up or down (adjustable range 000-255), confirm that the key is saved, and the default is 255.
	Blue	Modify the blue bead brightness up or down (adjustable range 000-255), confirm that the key is saved, and the default is 255.
	White	Modify the white light bead brightness up or down (adjustable range 000-255), confirm that the key is saved, and the default is 255.
	13, pattern	Modify the mode parameter value up or down (adjustable range 000-255), and confirm that the key is saved, with the default of 000.
	Speed	Modify the speed parameter value up or down (adjustable range 000-255), confirm that the key is saved, and the default is 000.
	Background color	Modify the background color parameter value up or down (adjustable range 000-255), confirm that the key is saved, and the default is 000.
	Background tonal light	Modify the background tone light value up or down (adjustable range 000-255), confirm that the key is saved, default 000.
	17. Restage	The parameter value is reset in 150-255, the console parameter value must be pulled below 10, and then pushed to 150-255 is useful, the parameter value is useless in 000-149, it cannot be reset.
4. Display Settings	1. Language selection	Select Chinese / EN (English) up or down, confirm the key to save, default Chinese.
	2. Reverse setting	Select Up or Down Off / On reverse settings, confirm the key is saved and turn off by default.
	3. Backlight setting	Select up or down to turn off / turn on the screen backlight, press the OK key to save, and it is turned on by default.
	4. Software version	061a program ID, which cannot be modified.
5、Factory settings	Please enter the password! 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 is 128.
	2. Y-axis calibration	Modify the parameters up or down (range 000-255), and press OK to save. The default is 128.
	3. Focusing calibration	Modify the parameters up or down (range 000-255), and press OK to save. The default is 128.
	4、LED lighting sequence	Modify the LED (A.B) up or down, press the OK key to save, and the default LED (A).
	5. Red	Modify the red light bead current (032-255) up or down, and press the OK key to save it. The default is 252.
	6. Green	Modify the green light bead current (032-255) up or down, press the OK key to save, and the default is 252.
	7. Blue	Modify the blue light bead current (032-255) up or down, and press the OK key to save it. The default is 252.
	8. White	Modify the white light bead current (032-255) up or down, and press the OK key to save it. The default is 252.

		9. X-axis speed	Modify the x-axis speed parameter (range 000-007) up or down, and press the OK key to save it. The default is 007.
		10. X-axis current	Select 000 /007 up or down, and press OK to save. The default is 004.
		11. X-axis infinite	Modify the stepless parameter (000-255) up or down Confirm to save. Default 128
		12. Y-axis speed	Modify the y-axis speed parameter (range 000-007) up or down, and press the OK key to save it. The default is 004.
		13. Y-axis current	Select 000 /007 up or down, and press OK to save. The default is 004.
		14、Logo	Select 000 /001 up or down, and press OK to save. The default is 000.
		15. Temperature	Modify the temperature parameter (range 40-70) up or down, and press the OK key to save it. The default is 065.
		16. Temperature - Fan	Select the off / on temperature fan control up or down, press the OK key to save, and it will be on by default.

3. Master and slave machine control

Two or more identical lamps are connected with DMX three-core signal line, all lamps are modified to 001~512 any address code, set as the host, and other lamps are slave, all slave display does not flashing; host adjust the gradient, pulse, jump, sound control, all slave synchronous gradient, pulse, jump, sound control and self-walk effect.
Special attention: 1. Only one set of lamps can be set with one host. If there are multiple hosts, all the lamps will flash and not be synchronized.
2. All lamps must be used by the master and slave when the DMX512 console is closed.

4. DMX512 control

The address code of all the lamps is set, and all the lamps are connected to the DMX512 console in parallel with the DMX three-core signal line. The address code stops flashing, indicating that the DMX512 console signal has been sent to the lamps, and control the relevant functions with the DMX512 console according to the channel instructions.

The CH17 channel description:

channel	The channel value	basic function
1	000-255	X axle
2	000-255	X axis fine-tuning
3	000-255	X axis without pole
4	000-255	Y axle
5	000-255	Y axis fine-tuning
6	000-255	XY velocity
7	000-255	Total dimming
8	000-255	stroboflash

9	000-255	red
10	000-255	green
11	000-255	blue
12	000-255	white
13	000-255	pattern
14	000-255	velocity
15	000-255	background colour
16	000-255	Background color light
17	000-255	Reduction: the parameter value is reset in 150-255, the console parameter value must be pulled below 10, and then pushed to 150-255 is useful, the parameter value in 000-149 useless, can not be reset.

The CH37 channel description:

channel	The channel value	basic function
1	000-255	X axle
2	000-255	X axis fine-tuning
3	000-255	X electrodeless
4	000-255	Y axle
5	000-255	Y axis fine-tuning
6	000-255	XY velocity
7	000-255	aiming
8	000-255	stroboflash
9	000-255	The first red light bead is linearly dimmed.
10	000-255	The first green lamp bead is a linear dimmer.
11	000-255	The first blue light bead is a linear dimmer.
12	000-255	The first white lamp bead is a linear dimmer.
13	000-255	The second red lamp bead is linearly dimmer.
14	000-255	The second green lamp bead is a linear dimmer.
15	000-255	The second blue light bead is a linear dimmer.
16	000-255	The second white light bead is a linear dimmer.
17	000-255	The third red light bead is linearly dimmer.
18	000-255	The third green lamp bead is a linear dimmer.
19	000-255	The third blue light bead is a linear dimmer.
20	000-255	The third white light bead is a linear dimmer.
21	000-255	The fourth red lamp bead is a linear dimmer.
22	000-255	The fourth green lamp bead has a linear dimming.
23	000-255	The fourth blue light bead has a linear dimming.
24	000-255	The 4th white lamp bead is a linear dimmer.
25	000-255	The fifth red lamp bead is a linear dimmer.
26	000-255	The fifth green lamp bead is a linear dimmer.
27	000-255	The fifth blue light bead is a linear dimmer.
28	000-255	The fifth white lamp bead is a linear dimmer.
29	000-255	The sixth red lamp bead is linearly dimmed.
30	000-255	The sixth green lamp bead is a linear dimmer.

31	000-255	The sixth blue light bead is a linear dimmer.
32	000-255	The sixth white light bead is a linear dimmer.
33	000-255	pattern
34	000-255	velocity
35	000-255	background colour
36	000-255	Background color light
37	000-255	Reduction: the parameter value is reset in 250-255, the console parameter value must be pulled below 10, and then pushed to 250-255 is useful, the parameter value in 000-249 is useless, can not be reset.

5. Technical parameters:

Voltage: AC100~240V 50 / 60HZ

Power: 340W

Light beads: 6* 40W RGBW 4in2 LED light beads

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

channel:CH17, CH37

Dimming: 32bit 0~100% linear dimming

Pan: Infinite movement

Tilt:0-230°

Features: Pan/Tilt shake the head + beam + flash + infinite

Operating temperature: -30 degrees ~50 degrees

Strobe frequency: 1~30HZ

Cooling: Fan cooling system

Appearance: Metal, black plastic

Connection mode: DMX512 In&Out / Power In&Out.

IP level: IP20

Carton packing size: 67*42*32cm

Net weight: 11.5kg

Gross weight: 13.kg