

LED Strobe Moving Head Light



user manual

(PLEASE READ THIS CAREFULLY BEFORE USE)

Technical information

Voltage: AC100~240V 50/60HZ

Power: 1000W

Lamp beads: 960 RGB+W, 12+12 segments

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

Channel: CH8, CH20, CH52

Dimming: 32bit 0~100% linear dimming

Features: Strobe + Wash + Effect + Shaking

Working temperature: -30°C~50°C

Strobe frequency: 1~30HZ

Appearance: Metal, Black

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

IP rating: IP20

Display



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.

Menu Function

After power on and the whole machine is reset, press the menu key to enter the main menu (the main menu interface will exit after 30 seconds of no operation), see the main menu function table (5 main menu options in total); up or down key to select the main menu, Enter to modify the function parameters of various menus by pressing the confirm key. After modification, press the confirm key to save the current function parameters (after saving, it has a power-down memory).

Main menu	Sub menu	Description
System setting	DMX Address	Modify the DMX address code up or down (the address code can be selected in the range of 001-512), and the confirmation key is saved, the default is 001.

	Encoder	Up or down to modify the encoder on/off, confirm key to save, the default is on.
	X Reverse	Modify X up or down to turn on/off, confirm key to save, default off.
	Y Reverse	Modify Y inversion up or down to turn on/off, confirm key to save, default off.
	Advanced setting	
Operating mode	Operating mode	Up or down to select the operation mode DMX/Voice/Auto, the confirmation key to save, the default DMX.
	Channel selection	Select channel CH8/CH20/CH52 up or down to confirm and save, the default is CH20.
Manual control	Pan	Modify the X-axis parameter value up or down (the adjustable range is 000-255), press the OK key to save, the default is 255.
	Pan fine	Modify the value of the X fine-tuning parameter up or down (adjustable range 000-255), press the OK key to save, the default is 000.
	Pan speed	Modify the X speed parameter value up or down (adjustable range 000-255), press the OK key to save, the default is 255.
	Dimming	Modify the dimming parameter value up or down (adjustable range 000-255), press the OK key to save, the default is 255.
	RGB strobe	Modify the RGB stroboscopic parameter value up or down (adjustable range 000-255), press OK to save, the default is 255.
	RED	Modify the value of the red color parameter up or down (adjustable range 000-255), press the OK key to save, the default is 000.
	GREEN	Modify the green parameter value up or down (adjustable range 000-255), press the OK key to save, the default is 000.
	BLUE	Modify the blue parameter value up or down (adjustable range 000-255), press the OK key to save, the default is 000.
	RGB MODE	Modify the RGB mode parameter value up or down (adjustable range 000-255), press the OK key to save, the default is 255.
	RGB SPEED	Modify the RGB speed parameter value up or down (the adjustable range is 000-255), press the OK key to save, the default is 000.
	W STROBE	Modify the W strobe parameter value up or down (adjustable range 000-255), press the OK key to save, the default is 000.
	WHITE	Modify the brightness of the white lamp beads up or down (adjustable range 000-255), press the OK key to save, the default is 255.
	WHITE MODE	Modify the W mode parameter value up or down (adjustable range 000-255), press the OK key to save, the default is 000.
	WHITE SPEED	Modify the W speed parameter value up or down (adjustable range 000-255), press the OK key to save, the default is 000.
	RGBW STROBE	Modify the RGBW strobe parameter value up or down (adjustable range 000-255), press the OK key to save, the default is 000.
	RGBW MODE	Modify the RGBW mode parameter value up or down (adjustable range 000-255), press the OK key to save, the default is 000.
	RGBW SPEED	Modify the RGBW speed parameter value up or down (the adjustable range is 000-255), press the OK key to save, the default is 000.
	Background color	Modify the value of the background color parameter up or down (adjustable range 000-255), press the OK key to save, the default is 000.
	Background color dimming	Modify the background tint parameter value up or down (adjustable range 000-255), press the OK key to save, the default is 000.
	Reset	YES/NO

Display setting	Language	Select Chinese/EN (English) up or down, press OK to save, the default is Chinese.	
	Inverted settings	Select up or down to turn off/on the inverted display setting, press the OK key to save, and the default is off.	
	Screen protection	Select to turn off/on the screen saver up or down, press the OK key to save, and it is turned on by default.	
	Software version	066A Program ID, which cannot be modified.	
Factory set	Show Please enter password! Modify up or down to 138, and then press the enter key to enter the factory settings.	Pan calibration	Modify the parameter up or down (range 000-255), press the OK key to save, the default is 128.
		Tilt calibration	Modify the parameter up or down (range 000-255), press the OK key to save, the default is 128.
		Zoom calibration	Modify the parameter up or down (range 000-255), press the OK key to save, the default is 128.
		Rotation calibration	Modify the parameter up or down (range 000-255), press the OK key to save, the default is 128.
		RED	Modify the red lamp bead current up or down (032-255), press the confirmation key to save, the default is 210.
		GREEN	Modify the green lamp bead current up or down (032-255), press the confirmation key to save, the default is 210.
		BLUE	Modify the blue lamp bead current up or down (032-255), press the confirmation key to save, the default is 210.
		WHITE	Modify the blue lamp bead current up or down (032-255), press the confirmation key to save, the default is 210.
		current	Modify the parameter up or down (range 000-015), press the OK key to save, the default is 015.
		Speed	Modify the parameter up or down (range 000-007), press the OK key to save, the default is 000.
		Logo	Select 000 / 001 up or down, press OK to save, the default is 000.
Temperatu re	Modify the temperature parameter up or down (range 40-70), press the OK key to save, the default is 060.		
Temperatu re-fan	Select to turn off/on the temperature-fan control up or down, and press the confirmation key to save, and it is turned on by default.		

Master/Slave control

There are 2 or more identical lamps connected with DMX three-core signal line, all lamps are modified to any address code from 001 to 512, any one is set as the master, the other lamps are slaves, and the display of all slaves does not flicker ; When using the host to adjust the gradient, pulse, jump, voice control, and self-propelled effects, all slaves synchronize the gradient, pulse, jump, voice, and self-propelled effects.

Special attention: 1. Only one host can be set for a group of lamps. If there are multiple hosts, all lamps will flash randomly without synchronization.

2. All lamps and lanterns must be used only when the DMX512 console is turned off.

DMX512

After setting the address codes of all lamps, connect all lamps with DMX three-core signal lines in parallel to the DMX512 console, the address code stops flashing, indicating that the DMX512 console signal has been sent to the lamps, and use the DMX512 console to control related functions according to the channel description.

CH8







CH	Value	Function
1	000-255	Motor
2	000-255	Motor fine
3	000-255	Motor speed
4	000-255	red
5	000-255	green
6	000-255	blue
7	000-255	white
8	000-255	reset

CH20

CH	Value	Function
1	000-255	Motor
2	000-255	Motor fine
3	000-255	Motor speed
4	000-255	Dimming
5	000-255	R g b strobe
6	000-255	red
7	000-255	green
8	000-255	blue
9	000-255	R g b mode
10	000-255	R g b speed
11	000-255	W strobe
12	000-255	W
13	000-255	W mode
14	000-255	W speed
15	000-255	R g b w strobe
16	000-255	R g b w mode
17	000-255	R g b w speed
18	000-255	Background color
19	000-255	Background color dimming
20	000-255	reset

CH52

CH	Value	Function
1	000-255	Motor

2	000-255	Motor fine
3	000-255	Motor speed
4	000-255	Red 1
5	000-255	Green 1
6	000-255	Blue 1
...
		
	000-255	Red12
	000-255	Green12
	000-255	Blue12
	000-255	White 1
	000-255	White 2
...
		
51	000-255	White 12
52	000-255	reset