

SKYSTAR

PROFESSIONAL SHOW LIGHTING

YLD-740 BEAM MOVING-HEAD

USER MANUAL

SKYSTAR

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一、 Definition of display panel and key



Menu key: enter/return to the main menu
Up key: menu function select up/parameter increment
Down key: menu function select down/parameter decrement
Confirm key: select the menu function, and confirm and save when modifying the menu function parameters.

II. Menu function

After the machine is powered on and reset, press the menu key to enter the main menu (exit after 30 seconds of no operation on the main menu interface). For details, see the Main Menu Function Table (5 main menu options in total). Press the up or down key to select the main menu, and press the Enter key to modify the function parameters of each menu. After modification, press the Enter key to save the current function parameters (power-off memory is available after saving).

Main menu	Submenu	Menu function description
1. System settings	1. DMX address	Modify the DMX address code up or down (the address code can be selected from 001-512), press the Enter key to save, and the default is 001.
	2. Encoder	Up or down to modify the encoder on/off, the confirmation key to save, the default on.
	3. X reversal	Modify X up or down to reverse on/off, enter to save, off by default.
	4. Y reversal	Modify Y up or down to reverse on/off, enter to save, off by default.
2. Operation mode	1. Operation mode	Up or down to select the operating mode DMX/Voice/Auto, enter to save, default to DMX.
	2. Channel selection	Select the channel CH21 and CH49 up or down, press the OK key to save, and the default is CH21.
3. Manual control	1、X	Modify the running parameter value of X motor upward or downward (the adjustable range is 000-255), press the Enter key to save, and the default value is 000.
	2. X fine adjustment	Modify the X fine tuning parameter value upward or downward (the adjustable range is 000-255), press the Enter key to save, and the default value is 000.
	3、Y	Modify the running parameter value of Y motor upward or downward (adjustable range: 000-255), press Enter to save, and the default value is 128.
	3. Y fine adjustment	Modify the Y fine adjustment parameter value upward or downward (adjustable range: 000-255), press the Enter key to save, and the default is 000.
	3. XY speed	Modify the XY speed parameter value upward or downward (adjustable range: 000-255), press the Enter key to save, and the default value is 000.
	3. Dimming	Modify the dimming parameter value upward or downward (adjustable range: 000-255), press the Enter key to save, and the default value is 255.
	4. Strobe	Modify the stroboscopic parameter value upward or downward (the adjustable range is 000-255), press the Enter key to save, and the default value is 000.
	7. Red	Modify the brightness of the red lamp bead upward or downward (adjustable range: 000-255). Press the Enter key to save. The default value is 255.

	8. Green	Modify the brightness of the green lamp bead upward or downward (adjustable range: 000-255). Press the Enter key to save. The default value is 255.	
	9. Blue	Modify the brightness of the blue lamp bead upward or downward (adjustable range: 000-255). Press the Enter key to save. The default value is 255.	
	10. White	Modify the brightness of the white lamp bead upward or downward (adjustable range: 000-255), press the confirmatiokey to save, and the default value is 255.	
	3. Focus	Modify the focusing parameter value upward or downward (adjustable range: 000-255), press the Enter key to save, and the default value is 000.	
	3. Mode	Modify the mode parameter value upward or downward (the adjustable range is 000-255), press the Enter key to save, and the default is 000.	
	3. Speed	Modify the speed parameter value upward or downward (adjustable range: 000-255), press the Enter key to save, and the default value is 000.	
	3. Color temperature	Modify the color temperature parameter value upward or downward (adjustable range: 000-255), press the Enter key to save, and the default value is 000.	
	3. Reset	Modify the reset parameter value upward or downward (adjustable range: 000-255), press the Enter key to save, and the default value is 000.	
4. Display settings	1. Language selection	Select Chinese/EN (English) up or down, and press Enter to save. The default is Chinese.	
	2. Inverted display settings	Select up or down to close/open the reverse display setti , and press the confirmaaion key to save. It is closed by default.	
	3. Screen saver	Select up or down to turn off/on the screen saver, and press Enter to save. It is turned on by default.	
	4. Soft are version	03 VA Program Identifi , not modifiable.	
5. Factory settings	Display, please enter the password! Change up or down to 138, and then press the confirmaaion key to enter the factory settings.	1. X-axis calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.
		2. Y-axis calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.
		3. Focus calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.
		4. Rotation calibration	Modify the parameter up or down (range: 000-255), press the OK key to save, and the default value is 128.
		5. Red	Modify the current of the red lamp bead up or down (032-255), press the OK key to save, and the default is 252.
		6. Green	Modify the current of the green lamp bead up or down (032-255), press the OK key to save, and the default is 252.
		7. Blue	Modify the current of the blue lamp bead (032-255) upward or downward, press the OK key to save, and the default is 252.
		8. White	Modify the current of the white lamp bead up or down (032-255), press the OK key to save, and the default is 252.
		9. Current	Modify the current up or down (000-007), press the OK key to save, and the default is 004.
		10. Speed	Change the speed up or down (032-255), press the OK key to save, and the default is 000.
		11. Logo	Select 000/001 up or down and press OK to save. The default value is 000.
		12. Temperature	Modify the temperature parameter up or down (range 40-70), press the OK key to save, and the default value is 065.
		13.	Up or down to select off/on temperature-fan control, enter key to save,

		Temperature- Fan	default on.
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III. Master-slave control

Two or more identical lamps are connected by DMX three-core signal line, all lamps are modified to any address code from 001 to 512, any one is set as the host, other lamps are slave, and the display screen of all slave does not flicker; When the host computer is used to adjust the effects of gradual change, pulse change, jump change, sound control and self-walking, all slave computers shall synchronize the effects of gradual change, pulse change, jump change, sound control and self-walking.

Special note: 1. Only one host can be set for a group of lamps. If there are multiple hosts, all lamps will flash randomly and not be synchronized.

2. All lamps must work only when the DMX512 console is turned off.

IV. DMX512 control

Afer the address codes of all lamps are set, connect all lamps 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. Control relevant functions with the DMX512console according to the channel description.

21 channel description:

Passageway	Channel value	Basic functions
1	000-255	X-axis motor (horizontal direction)
2	000-255	X-axis fine adjustment
3	000-255	Y-axis motor (horizontal direction)
4	000-255	Y Fine adjustment
5	000-255	XY speed
6	000-255	Focus
7	000-255	Rotation
8	000-255	Total dimming
9	000-255	Strobe
10	000-255	Red-Foreground color
11	000-255	Green-Foreground color
12	000-255	Blue-foreground color
13	000-255	White-Foreground Color
14	000-255	Color temperature
15	000-255	Patern
16	000-255	Speed
17	000-255	Red-background color
18	000-255	Green-background color
19	000-255	Blue-background color
20	000-255	White-background color
21	000-255	Reset: The parameter value is kept at 250-255 for 3 seconds to reset the whole machine. The console parameter value must be pulled below 10 first, and then pushed to 250-255 to be useful. The parameter value has no effect at 000-249 and cannot be reset.

49 Channel Description:

Passa geway	Channel value	Basic functions
1	000-255	X-axis motor (horizontal direction)
2	000-255	X-axis fine adjustment
3	000-255	Y-axis motor (horizontal direction)
4	000-255	Y Fine adjustment
5	000-255	XY speed
6	000-255	Focus
7	000-255	Rotation
8	000-255	Total dimming
9	000-255	Strobe
10	000-255	Red-Foreground color
11	000-255	Green-Foreground color
12	000-255	Blue-foreground color
13	000-255	White-Foreground Color
14	000-255	Color temperature
15	000-255	Gif
16	000-255	Gif speed
17	000-255	Red-background color
18	000-255	Green-background color
19	000-255	Blue-background color
20	000-255	White-background color
21	000-255	Reset: The parameter value is kept at 250-255 for 3 seconds to reset the whole machine. The console parameter value must be pulled below 10 first, and then pushed to 250-255 to be useful. The parameter value has no effect at 000-249 and cannot be reset.
22	000-255	The first red light bead
23	000-255	1st green lamp bead
24	000-255	1st blue lamp bead
25	000-255	1st white lamp bead
...	...	...
↓	↓	↓
46	000-255	The 7th Red Light Bead
47	000-255	The 7th green lamp bead
48	000-255	7th blue lamp bead
49	000-255	7th white lamp bead

V. Technical parameters

Voltage: AC100 ~ 240V 50 / 60Hz

Power: 350W

Lamp beads: 7 x 40w 4 in 1 LED lamp beads

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

Channel: CH21,CH49

Dimming: 32bit 0 ~ 100% linear dimming

Features: Moving head + Wash + Flash

Working temperature:- 30 ~ 50 °C

Stroboscopic frequency: 1 ~ 30Hz

Appearance: metal, black

Connection mode: DMX512 I / O / power I / O.

IP rating: IP20

Fixture size: 30*23*38(cm)

Packing size:44*38*45(cm)

Net weight:5.9kg

Gross weight:7.5kg