

7 40 W peak eye lamps

Instruction manual

(Please read the instructions carefully)

before using the product and take care of it properly)

Thank you for choosing to use our 7 40 W dye lamps. For the correct and safe use of this product, please read the instructions carefully before installing and using this product. This manual contains important installation and application information. When installing and operating the product, please strictly follow the instructions. At the same time, please keep this manual properly.

Our LED 7 40 W dye lamps use a new aesthetic high temperature resistant metal body. This product is designed and produced in strict accordance with the CE standard and conforms to the DMX512 signal protocol of the international standard. It can be used alone or online. It has the characteristics of fast rotation, low noise and powerful functions. It is suitable for small and medium-sized concerts, theatres, studios, nightclubs and bars.

Please carefully remove the package, check whether the product is damaged during transportation after the package is removed, and check whether the following contents are complete.

Dyeing lamp -- 1 instruction manual -- 1

Power line -- 1 Signal line -- 1

This product is in good condition before delivery. In order to keep the product in good condition and ensure safe operation, the user should follow the safety precautions and the warnings in this manual.

IMPORTANT: Damage caused by not following this instruction is not covered by warranty. The Supplier shall not be responsible for any product problems arising therefrom.

If the product has been exposed to extreme and unstable temperatures (e.g., after shipping), do not immediately connect the product to the power supply, as water droplets due to temperature changes may damage the product. Please use the product after it returns to normal temperature.

This product can be used in the voltage range of 90-240 V and is a product for indoor use. Please make sure that the ground voltage is not higher than the range that the product can bear! The power plug must be plugged into a Class I socket with good protection. The green or teal conductor must be grounded.

Always check the power cord for this product level. Make sure that the power cord is not folded or damaged, scratched, or connected to other cords! Pay special attention when connecting the power cord or related wiring. Always unplug the product when not in use or before cleaning.

Before using the product, please familiarize yourself with its operating functions. Please do not allow children or unprofessional personnel to touch the product. Do not shake the product. Do not use brute force when installing or operating the product. Do not allow unprofessional personnel to operate the product. Most of the damage is due to unprofessional handling.

The product is not equipped with relevant maintenance accessories. The maintenance and repair of the product can only be carried out by professionals!

Please do not tamper with the product, otherwise it may be damaged and the resulting damage is not covered by the warranty. Moreover, unprofessional operation may cause short circuit, burn or electric shock, etc.

Connection of DMX512 signal:

This lamp uses the DMX512 signal control mode, and the control signals of each lamp are in parallel. When connecting the signals of multiple lamps, it is better to use a dual-core shielded cable. During the connection, all lamps are connected through the DMX signal Jack INPUT and OUTPUT on the lamp. The 3-core XLR plug terminals of the signal line connecting the lamp must correspond to each other. When connecting the lamp signal, it is recommended to use the DMX signal terminator. To avoid damaging the control signal due to electrical noise, the DMX signal terminator is a 120 ohm 1 W resistor connected between pins 2 and 3 of an XLR plug and connected to the OUTPUT socket of the last lamp.

Calculation method of lamp initial address code:

The start address code of the current lamp is equal to (the start address code of the previous lamp) + (the number of channels of the lamp) Description:

1: Starting address code value A001 of the first lamp.

2: The number of basic channels of the controller shall be greater than or equal to the total number of channels used by the lamp.

3: Note: When using any controller, each lamp must have its own starting address code. If the starting address code of the first lamp is set to A001, the number of lamps is 16CH; Then the starting address code of the second lamp is set to A017; The starting address code of the third lamp is set as A033; And so on. (This setting method also depends on different consoles.).

Lamp installation instructions:

This lamp can be placed horizontally, slanted and upside down. Be sure to pay attention to the installation method when slanted and upside down. Fixation and installation of lamps and lanterns: before positioning the lamps and lanterns, it is necessary to ensure the stability of the installation site. During the reverse hanging installation, it is necessary to ensure that the lamps and lanterns do not fall down from the support frame. It is necessary to use a safety rope to pass through the support frame and the lamp handle for auxiliary hanging. To ensure safety Prevent falling and sliding of lamps. During installation and commissioning of lamps, pedestrians are not allowed to pass below. Regularly check whether the safety rope is worn and whether the hook screw is loose. If the lamp falls due to unstable hanging installation, the manufacturer will not bear any responsibility.

● Product technical parameters

Power supply: AC100V-240V 50-60Hz

Maximum power: 500 W

Light source: 7 40W/4-in-1/OSR lamp beads

Color temperature: 2800 K-8500 K

Lamp bead life: 50000 hours

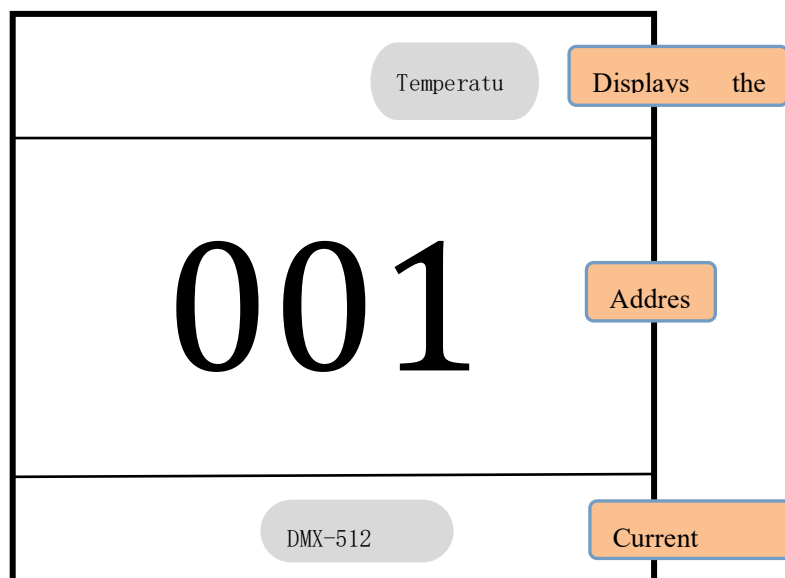
Light spot angle: 4.5 ° -45 °

Control mode: DMX512, voice control, self-propelled

Function and effect: CT0, dyeing, light beam, effect mode (whirlpool, kaleidoscope), stepless rotation of front mirror plate, single point control of lamp bead

● Display menu description

Menu Desktop:



Menu first interface:



- ◆ Address: Click to enter the address code settings
- ◆ Settings: Click to enter the system settings
- ◆ Manual: Click to enter manual mode
- ◆ Calibration: Click to enter the password to enter the system calibration mode
- ◆ Reset: Click to enter the system reset mode
- ◆ Information: Click to view the system

Main menu	Secondary menu	Level 3 Menu/Parameter
Address	001 - 512	(Add the number of channels each time and subtract the normal number)
System settings	Operation mode	DMX/Voice/Auto1/Auto2
	Channel mode	23CH/35CH/51CH
	Horizontal inversion	On/off
	Vertical inversion	On/off
	Hall error correction	On/off
	Optocoupler error correction	On/off
	Signal hold	On/off
	Screen saver	On/off
	The screen flips	ON/OFF/AUTO
	Synchronize updates	On/off

	Language	Medium/EN	
	Restore factory settings		
Manual mode	Current channel mode channel	0-255	
System calibration	Enter the password	Lamp calibration	
System reset	Effect motor reset		
	Scan motor reset		
	All motors are reset		
System information	Reset information	A reset error message is displayed	
	DMX data monitoring	Channel value of receiving console	
	Sensor information	Hall information	
		X-Ray Coupler information	
		Y optocoupler information	
	Hardware version	Displays the hardware version	
	Software version	Displays the software version	

➤ **Automatic screen rotation function**

The system can automatically rotate the screen according to the direction of gravity without manual rotation. You can also turn off the auto-rotate feature.

➤ **Manual control**

This interface is used to control the current lamp.

Press the "OK" key to enter the editing state. Press the UP and DOWN keys to change the channel value. Press "OK" again to save the modified value and exit editing. Press "Exit" to directly exit editing without saving the modified value.

➤ **System calibration**

A layer of password is set here to prevent misoperation by non-professionals. Directly press the "OK" key to verify the password.

Options	Explain
Initial position calibration	After entering the sub-interface, you can adjust the starting position of the X-axis, Y-axis and focusing motor to make up for the error in hardware installation. The adjustment range of 0 ~ 255,127 indicates

	that there is no adjustment.
Travel calibration	After entering the sub-interface, you can adjust the stroke of X-axis, Y-axis and focusing motor. The adjustment range of 0 ~ 255,127 indicates that there is no adjustment.
Force calibration	After entering the sub-interface, you can adjust the force of X axis, Y axis and other motors. The adjustment range of 0 to 255,127 indicates that there is no adjustment.
Other calibrations	MIC sensitivity calibration, and password modification.

➤ **Reset**

Press the "Up" and "Down" keys to switch the reset mode, and press "OK" to directly reset.

Options	Explain
Effect motor reset	Effect disk reset other than XY
Scan motor reset	XY axis reset
All motors are reset	The lamp is reset

➤ **System information**

Options	Explain
Reset information	If the red ERR indicator light is on, it indicates that the lamp is in error, and the details can be viewed in the sub-interface.
DMX data monitoring	This brings you to the sub-interface where the channel values are displayed as numeric values for viewing
Sensor information	Monitor the status of optocoupler, Hall and other sensors on the lamp in real time
Hardware version number	Lamp hardware information
Software version number	Lamp software version

● Channel table

30CH	Function	DMX value	Description
1	X-axis	0-255	0-540 degrees
2	X-axis fine adjustment	0-255	16 bit adjustable
3	Y-axis	0-255	0-205 degrees
4	Y-axis fine adjustment	0-255	16 bit adjustable
5	XY speed	0-255	Speed from fast to slow
6	Focus	0-255	Linear adjustment of angle from small to large
7	Rotation	0-127	0 ~ 60 degrees
		128-191	Clockwise stepless rotation from fast to slow
		200-255	Clockwise stepless rotation from slow to fast
8	Total dimming	0-255	Linear dimming from dark to light
9	Strobe	0-3	Lights up
		4-200	Synchronous stroboscopic speed from slow to fast

		201-215	Low speed random strobe
		216-234	Medium speed random stroboscopic
		235-255	High speed random stroboscopic
10	R Dimming	0-255	Linear dimming from dark to light
11	G Dimming	0-255	Linear dimming from dark to light
12	B Dimming	0-255	Linear dimming from dark to light
13	W Dimming	0-255	Linear dimming from dark to light
14	Color temperature	0-255	Linear color temperature adjustment
15	Dyeing	0-255	Built-in color gradient
16	Static effect	0-255	Five numbers, one effect.
17	Dynamic effect	0-255	Five numbers, one effect.
18	Dynamic effect speed	0-127	Positive direction effect from fast to slow
		128-255	Reverse direction effect from slow to fast
19	Background color R	0-255	Linear dimming from dark to light
20	Background color G	0-255	Linear dimming from dark to light
21	Background color	0-255	Linear dimming from dark to light

	B		
22	Background color W	0-255	Linear dimming from dark to light
23	Reset	0-199	No function
		200-205	Resetting of lamp body is effective for 5S
		206-255	No function
24	Light strip dimming	0-255	Linear dimming from dark to light
25	Light with strobe	0-255	Strobe speed from slow to fast
26	The light strip has built-in effects	0-255	Gradient horse racing effect
27	Lamp with red light	0-255	Linear dimming from dark to light
28	The light is green	0-255	Linear dimming from dark to light
29	Lamp with blue light	0-255	Linear dimming from dark to light
30	The light strip has built-in	0-255	Effect from fast to slow

	speed		
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42CH	Function	DMX value	Description
1	Red	0-255	Red dimming
2	Red Trim	0-255	Red Trim
3	Green	0-255	Green dimming
4	Green Trim	0-255	Green Trim
5	Blue	0-255	Blue dimming
6	Blue Trim	0-255	Blue Trim
7	White	0-255	White dimming
8	White fine adjustment	0-255	White fine adjustment
9	Linear color temperature	0-255	Linear color temperature adjustment

	adjustment		
10	Color macro	0-255	Color macro function
11	Strobe	0-3	Lights out
		4-103	Synchronous stroboscopic speed from slow to fast (1HZ-25HZ)
		104-107	Lights up
		108-207	Divide stroboscopic speed from slow to fast (1HZ-25HZ)
		208-212	Lights up
		213-225	Low speed random strobe
		226-238	Medium speed random stroboscopic
		239-251	High speed random stroboscopic
		252-255	Lights up
12	Total dimming	0-255	Linear dimming from dark to light
13	Dimming fine adjustment	0-255	Dimming trim control
14	Level	0-255	Horizontal control
15	Horizontal fine adjustment	0-255	Horizontal vernier control
16	Vertical	0-255	Vertical control

17	Vertical fine adjustment	0-255	Vertical and Horizontal Trim Control
18	Function	0-255	Reserved
19	Reset	0-199	No function
		200-205	Resetting of lamp body is effective for 5S
		206-255	No function
20	Focus	0-255	Focus
21	Lens rotation	0-127	0 ~ 60 degrees
		128-191	Clockwise stepless rotation
		192-255	Anticlockwise stepless rotation
22	Pattern selection	0-255	Pattern rotation
23	Pattern effect speed	0-255	Pattern Effect Speed Control
24	The pattern effect is diluted	0-255	The pattern effect is diluted
25	Pattern effect R	0-255	The pattern effect is red
26	Pattern	0-255	The pattern effect is green

	effect G		
27	Pattern effect B	0-255	The pattern effect is blue
28	Pattern effect W	0-255	The pattern effect is white
29	Pattern dimming	0-255	Pattern 0-100% dimming
30	Background dimming	0-255	Background 0-100% dimming
31	Pattern transition	0-255	Pattern change control
32	Pattern angle adjustment	0-255	Pattern translation
33	Foreground strobe	0-255	Foreground strobe (same as channel 11)
34	Background strobe	0-255	Background strobe (same as channel 11)
35	Background selection	0-255	Background selection
36	Light strip dimming	0-255	Linear dimming from dark to light

37	Light with strobe	0-255	Strobe speed from slow to fast
38	The light strip has built-in effects	0-255	Gradient horse racing effect
39	Lamp with red light	0-255	Linear dimming from dark to light
40	The light is green	0-255	Linear dimming from dark to light
41	Lamp with blue light	0-255	Linear dimming from dark to light
42	The light strip has built-in speed	0-255	Effect from fast to slow

58CH	Function	DMX value	Description
1	X-axis	0-255	0-540 degrees
2	X-axis fine adjustment	0-255	16 bit adjustable
3	Y-axis	0-255	0-205 degrees
4	Y-axis fine adjustment	0-255	16 bit adjustable
5	XY speed	0-255	Speed from fast to slow
6	Focus	0-255	Linear adjustment of angle from small to large
7	Rotation	0-127	0 ~ 60 degrees
		128-191	Stepless smooth transition from fast to slow

		200-255	Stepless reverse rotation from slow to fast
8	Total dimming	0-255	Linear dimming from dark to light
9	Strobe	0-3	Lights up
		4-200	Synchronous stroboscopic speed from slow to fast
		201-215	Low speed random strobe
		216-234	Medium speed random stroboscopic
		235-255	High speed random stroboscopic
10	R Dimming	0-255	Linear dimming from dark to light
11	G Dimming	0-255	Linear dimming from dark to light
12	B Dimming	0-255	Linear dimming from dark to light
13	W Dimming	0-255	Linear dimming from dark to light
14	Color temperature	0-255	Linear color temperature adjustment
15	Dyeing	0-255	Built-in color gradient
16	Static effect	0-255	Five numbers, one effect.
17	Dynamic effect	0-255	Five numbers, one effect.
18	Dynamic effect speed	0-127	Positive direction effect from fast to slow
		128-255	Reverse direction effect from slow

			to fast
19	Background color R	0-255	Linear dimming from dark to light
20	Background color G	0-255	Linear dimming from dark to light
21	Background color B	0-255	Linear dimming from dark to light
22	Background color W	0-255	Linear dimming from dark to light
23	Reset	0-199	No function
		200-205	Resetting of lamp body is effective for 5S
		206-255	No function
24	R1 LED dimming	0-255	R1 LED dimming
25	G1 LED dimming	0-255	G1 LED dimming
26	B1 LED dimming	0-255	B1 LED dimming
27	W1 LED dimming	0-255	W1 LED dimming
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48	R7 LED dimming	0-255	R7 LED dimming
49	G7 LED dimming	0-255	G7 LED dimming

50	B7 LED dimming	0-255	B7 LED dimming
51	W7 LED dimming	0-255	W7 LED dimming
52	Light strip dimming	0-255	Linear dimming from dark to light
53	Light with strobe	0-255	Strobe speed from slow to fast
54	The light strip has built-in effects	0-255	Gradient horse racing effect
55	Lamp with red light	0-255	Linear dimming from dark to light
56	The light is green	0-255	Linear dimming from dark to light
57	Lamp with blue light	0-255	Linear dimming from dark to light
58	The light strip has built-in speed	0-255	Effect from fast to slow

● After-sales service

Notice! When the lamps and lanterns leave the factory, they have passed strict quality inspection, and the packaging is in good condition. Please operate according to the instructions. Machine failure caused by human factors is not covered by the warranty.

1. The company provides technical advice to customers throughout their lives.
2. If the product breaks down and needs to be repaired, please show the product warranty card and

fill in the relevant contents truthfully. At the same time, we also hope that customers can give us timely feedback on the problems of the products, so that we can improve the products at the first time.