LED 800W Frame Spot Light

user's manual

(Please read the instructions carefully and carefully before using the product)

Thank you for choosing to use our 600WLED. In order to use this product correctly and safely, please read the instructions carefully before installing and using this product. This specification contains important installation and application information. Please strictly follow the instructions when installing and operating the product. At the same time, please keep this instruction manual properly.

Our 400W beam lamp uses a new and beautiful high-temperature resistant metal body. This product is designed and produced in strict accordance with CE standards, in line with the international standard DMX512 signal protocol, can be used alone for control, can also be used online, with fast rotation, low noise, powerful features, suitable for small and medium-sized concerts, theaters, studios, nightclubs and bars and other places.

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

800W frame spot light- - - - - - - - -1pc   User's manual- - - - - - - -1 pc

Power cable- - - - - - - -1pc,   DMX cable- - - - - - - -1pc

This product is a good product before delivery. In order to keep the product in good condition and ensure safe operation, users should follow the safety matters and the instructions.

Important: Damage caused by not following this instruction is not covered by the warranty. The supplier is not responsible for the product problems arising from this.

If the product has been exposed to extreme unstable temperature conditions (e. g.,

after transportation), do not supply the product immediately because water drops due to temperature changes may damage the product. Please use the product has returned to normal temperature.

This product can be used in the 90-240V voltage range and is intended for indoor use. Please ensure that the ground voltage is not higher than the tolerable range of the product!! The power plug must be plugged into a protective class I socket. The green or tea-cyan conductors must be grounded.

Linkage of the DMX512 signal

This lamp uses DMX512 signal control mode, and the control signal of each lamp is in parallel. When connecting the signals of multiple lamps, it is best to use dual-core shielding cable. When connecting, each lamp is connected through the DMX signal jack (Canon seat) INPUT (input) and OUTPUT (output). The 3-core XLR plug terminal of the signal line connecting the lamp must correspond to each other. When connecting the lamp signal, it is recommended to use DMX signal terminal. To damaging the control signal due to electrical noise, the DMX signal terminal is a 120 ohm 1W resistance between the 2 and three feet of an XLR plug and connects it to the OUTPUT (output) jack of the last lamp.

Calculation method of lamp starting address code:

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

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

2: The basic number of controller should be greater than or equal to the total number of lighting channels.

3: Note: when any controller is used, each lamp must have its own starting address code. If the starting address code of the first lamp is set A001, the pass number of the lamp is 39 CH; then the starting address code of the second lamp is set to A040; the starting address code of the third lamp is set to A079; and so on, (this setting method should be determined by different console).

Installation instructions of lights:

This light can be placed horizontally, oblique hanging and upside down, oblique hanging and upside down must pay attention to the installation method. Fixed installation of lamps: before the positioning of lamps, ensure the stability of the installation site, the lamps must not fall off the support frame, and use the support frame and the safety rope for auxiliary hanging; to ensure safety. Prevent the falling and sliding of the lamps and lanterns. During the installation and debugging, the pedestrians are prohibited to pass below, and regularly check whether the safety rope is worn and the hook screw is loose. If the installation of the lamp is not stable, the manufacturer will not bear any responsibility.

● Menu instructions

Primary menu	Sublevel menu	Three-level menu / parameters
shortcut menu	Address: 001-512	(Number of channels added each time, minus normal)

	centre /EN	Change the language
	reversal	Screen flip
	set up	Enter Settings mode
System Settings	work mold	DMX / voice control / self walk 1 / self walk 2
	channel mold	34CH/39CH
	This machine number	0-255
	Default position of X axis	0-255
	Default position of Y axis	0-255
	X axis reversal	Open / close
	Y axis reversal	Open / close
	XY axis exchange	Open / close
	The XY-axis fast mode	Open / close
	Hold without no signal	Open / close
	Linear change in color	Open / close
	Optical coupling error correction	Open / close
	Hall error correction	Open / close
	Backlit time	15s / 30s / 60s / bright
	screen intensity	0-100
	factory data reset	Confirm / cancel
test pattern	Current channel mode channel	0-255
system calibration	enter password	Lighting calibration
The reset mode	Light head reset	
	XY reset	
	Full reset	
system info	Reset the error message	Display the reset error message

	And DMX data monitoring	Channel values for the receiving console
	software release	Displays the software version
	Hardware version	Displays the hardware version
	Usage time	Lights use time

➤ **Screen automatic rotation function**

The system can automatically rotate the screen according to the direction of gravity, without manual rotation. You can also turn off the automatic rotation function.

➤ **Manual control**

This interface is used to control the current lamps.

Press OK to enter the edit state. Press Up and Down to change the channel value. Press OK again to save the modified value, exit editing, and press Exit not to save the modified value, and directly exit editing.

➤ **System calibration**

Enter the password "6688" and press " OK to enter.

Option	Explain
Initial position	After entering the sub-interface, the initial position of the X axis, Y axis, color disk, solid disk, drawing disk, moving disk, fog mirror, prism, focus, zoom motor can be adjusted. The adjustment range of 0~255,127 means that there is no

	adjustment.
Travel calibration	After entering the sub-interface, the stroke of the fog mirror, prism, focus and zoom motor can be adjusted, and the adjustment range of 0~255,127 means that there is no adjustment.
Power	After entering the sub-interface, the lamp power can be adjusted, and 255 means that there is no adjustment.
Other calibration	Voice control sensitivity calibration, trademark, screen calibration and password modification.

➢ **Reset**

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

Option	Explain
Light head reset	Effect motor reset except for XY
XY reset	XY axis reduction
Full reset	Lamps reset

➢ **System info**

Option	Explain
Reset information	If the red ERR indicator shines, the lamp is running wrong, and details can be viewed in the subinterface
And DMX data monitoring	This enters the subinterface to display channel values for viewing
Hardware version number	Lighting hardware information
Software version number	Lamp software version

Usage time	Displays the service time of the lamps

● **Channel table**

34CH	Channel name	Channel value	Channel function
1	X axis	0-255	0-540 degrees
2	X axis fine-tuning	0-255	The X-axis 16bit fine-tuning channel
3	Y axis	0-255	0-270 degrees
4	Y axis fine-tuning	0-255	Y axis 16bit fine-tuning channel
5	XY speed	0-255	From fast to slow
6	Dimming	0-255	0-100% dimming
7	Dimming fine-tuning	0-255	Dimming fine-tuning
8	Strobe	0-3	Open light
		4-99	Synchronous strobe
		100-149	Pulse strobe
		150-199	Flash
		200-249	Random strobe
		250-255	Open light
9	Color disk C	0-255	Cyan from shallow to deep
10	Color disk M	0-255	Rose red from shallow to deep
11	Color disk Y	0-255	Yellow from shallow to deep
12	Color temperature	0-255	Color temperature from cold to warm
13	Color	0-7	white
		8-15	Color 1
		16-23	Color 2
		24-31	Color 3
		32-39	Color 4

		40-47	Color 5
		48-55	Color 6
		56-63	Color 7
		64-71	White + color 1
		72-79	Color 1 + color 2
		80-87	Color 2 + color 3
		88-95	Color 3 + color 4
		96-103	Color 4 + color 5
		104-111	Color 5 + color 6
		112-119	Color 6 + color 7
		120-127	Color 7 + white
		128-189	Counterclockwise flow from fast to slow
		190-193	Stop flow
		194-255	Clockwise flow from slow to fast
14	Fixed gobo	0-9	White aperture
		10-19	Gobo 1
		20-29	Gobo 2
		30-39	Gobo 3
		40-49	Gobo 4
		50-59	Gobo 5
		60-69	Gobo 6
		70-79	Gobo 7
		80-89	Gobo 8
		90-99	Gobo 9
		100-109	Gobo 1 jitter from slow to fast
		110-119	Gobo 2 jitter from slow to fast
		120-129	Gobo 3 jitter from slow to fast
		130-139	Gobo 4 jitter from slow to fast
		140-149	Gobo 5 jitter from slow to fast

		150-159	Gobo 6 jitter from slow to fast
		160-169	Gobo 7 jitter from slow to fast
		170-179	Gobo 8 jitter from slow to fast
		180-189	Gobo 9 jitter from slow to fast
		190-221	Counterclockwise flow from fast to slow
		222-223	Stop flow
		224-255	Clockwise flow from slow to fast
15	Effect gobo	0-63	Fixed Angle
		64-126	Forward flow from fast to slow
		127-128	Stop flow
		129-191	Reverse flow from slow to fast
		192-255	Flow from slow to fast in forward and reverse directions
16	Glass gobo	0-14	White aperture
		15-29	Gobo 1
		30-44	Gobo 2
		45-59	Gobo 3
		60-74	Gobo 4
		75-89	Gobo 5
		90-104	Gobo 6
		105-119	Gobo 7
		120-129	Gobo 1 jitter from slow to fast
		130-139	Gobo 2 jitter from slow to fast
		140-149	Gobo 3 jitter from slow to fast
		150-159	Gobo 4 jitter from slow to fast
		160-169	Gobo 5 jitter from slow to fast
		170-179	Gobo 6 jitter from slow to fast
		180-189	Gobo 7 jitter from slow to fast
		190-221	Clockwise flow from slow to fast

		222-223	Stop flow
		224-255	Forward flow from fast to slow
17	Glass gobo rotation	0-127	Fixed Angle
		128-190	Forward flow from fast to slow
		191-192	Stop flow
		193-255	Reverse flow from slow to fast
18	Focus	0-255	From far to near
19	Zoom	0-255	From small to big
20	Prism	0-127	The prism cut out
		128-255	The prism cut in
21	Prism rotation	0-127	Fixed Angle
		128-189	Forward flow from fast to slow
		190-193	Stop flow
		194-255	Reverse flow from slow to fast
22	Atomization	0-127	Atomization cut out
		128-255	Atomization cut in
23	Built-in graphics	0-49	No effect
		50-255	Built-in graphics
24	Aperture	0-255	The aperture ranges from large to small
25	Cut 1	0-255	Cut piece 1 linear cut-in
26	Cut 2	0-255	Cut piece 2 linear cut-in
27	Cut 3	0-255	Cut piece 3 linear cut-in
28	Cut 4	0-255	Cut-piece 4 linear cut-in
29	Cut 5	0-255	Cut piece 5 linear cut-in
30	Cut 6	0-255	Cut-piece 6 linear cut-in
31	Cut 7	0-255	Cut piece 7 linear cut-in
32	Cut 8	0-255	Cut-piece 8 linear cut-in
33	Cut rotation	0-255	All the cutting pieces rotate by 90 degrees

34	Reset	0-25	No effect
		26-76	Effect motor reset
		77-127	XY motor reset
		128-255	Full motor reset

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4	Y axis fine-tuning	0-255	Y axis 16bit tuning channel
5	XY speed	0-255	From fast to slow
6	Dimming	0-255	0-100% dimming
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8	Strobe	0-3	Open light
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10	Color disk C fine-tuning	0-255	Cyan fine-tuning
11	Color disk M	0-255	Rose red from shallow to deep
12	Color disk M fine-tuning	0-255	May red fine-tuning
13	Color disk Y	0-255	Yellow from shallow to deep
14	Color disk Y	0-255	Yellow fine-tuning

		fine-tuning		
15	Color temperature	0-255	Color temperature from cold to warm
16	Color temperature fine-tuning	0-255	Color temperature fine-tuning
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22	Focus	0-255	From far to near
23	Focus fine - tuning	0-255	Focus fine - tuning
24	Zoom	0-255	From small to big
25	Prism	0-127	Prism cut out
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