

200W Beam Light

User manual



(Please read the instruction manual carefully and manage properly
before using the product)

Thank you for choosing to use our 100W beam light, in order to use this product correctly and safely,

please read the manual carefully before installing and using this product. This instruction manual contains important installation and application information, please follow the instructions when installing and operating the product. Also, please keep this manual safe.

Our 200W beam light 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 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 unpack carefully, check this product for damage during transportation after the package is removed, and check whether the following are complete.

1 200W beam lamp----- 1 instruction manual----- 1 book
Power cord----- 1 Signal cable----- 1

This product is in good condition before leaving the factory. In order to maintain the integrity of this product and ensure safe operation, users should follow the safety precautions and the warnings in this manual.

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

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

This product can be used in the voltage range of 90-240V and is used indoors. 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 protective Class I socket. Green or tea cyan conductors must be grounded.

DMX512 Connection of signals: The lamp uses DMX512 signal control mode, the control signal of each lamp is in parallel, when connecting multiple lamp signals, it is best to use a double-core shielded cable. When connecting, each lamp is connected through the DMX signal jack (XLR holder) INPUT (input) and OUTPUT (output) on the lamps, and the 3-pin XLR plug terminal of the signal line connected to the lamps must correspond to each other, and it is recommended to use DMX signal terminator when connecting the lamp signal. To avoid destroying the control signal due to the electrical noise, the DMX signal terminator is an XLR plug with a 120 ohm 1W resistor between the 2 and 3 pins and connects it to the OUTPUT jack of the last lamps.

lamps start address code calculation method:

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

1: The starting address code value of the first lamp is A001.

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

3: Note: When using any controller, each lamp should have its own start address code, if the start address code of the first lamp is set to A001, the number of lamp channel passes 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 to A033; And so on, (this setting method also needs to be determined by different consoles).

lamps installation instructions:

This lamp can be placed horizontally, hanging diagonally and upside down, and you must pay attention to the installation method when hanging diagonally and upside down. Fixed installation of lamps: before positioning the lamps, to ensure the stability of the installation site, when reversing the hanging installation, it is necessary to ensure that the lamps do not fall down on the support frame, and use safety ropes to pass through the support frame and the lamp handle to assist the hanging; to ensure safety. To prevent the lamp from falling and sliding, when the lamp is installed and debugged,

pedestrians are prohibited from passing below, regularly check whether the safety rope is worn out, whether the hook screw is loose, if the hanging installation is not stable, resulting in the fall of the lamp and all the consequences, the manufacturer does not bear any responsibility.

●Menu description

Main menu	Secondary menu	Three-menu/parameter	
address	001 - 512	(Add the number of channels each time, minus normal)	
System settings	Operating mode	DMX/voice/self-propelled 1/self-propelled 2	
	Channel mode	13CH	
	Horizontal reversal	On/Off	
	Reverse vertically	On/Off	
	Hall error correction	On/Off	
	Optocoupler error correction	On/Off	
	Signal hold	On/Off	
	Screen saver	On/Off	
	Screen flip	Off/On/Auto	
	Synchronize updates	On/Off	
	language	Medium/EN	
Factory reset	Confirm/Cancel		
Manual mode	The current channel mode channel	0-255	
System calibration	Enter the password	lamps calibration	
System reset	Effect motor reset		
	Scan motor reset		
	All motors reset		
System information	Reset error message	A reset error message is displayed	
	DMX data monitoring	Receive the channel value of the console	
	Sensor information	Hall information	
		X-optocoupler information	
	Hardware version	Y-optocoupler information	
	Software version	Displays the hardware version	
The current channel mode channel	Displays the software version		

Screen auto-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-rotation function.

➤ **Manual control**

This interface is used to control the current fixture.

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 exit the editing without saving the modified value.

➤ **System calibration**

Press the "OK" key to enter.

选项	说明
Initial position	After entering the sub-interface, the initial position of the X axis, Y axis, color wheel, picture dial, fog mirror, prism, and focus motor can be adjusted, and the adjustment range is 0~255, 127 means that there is no adjustment.
Stroke calibration	After entering the sub-interface, you can adjust the stroke of the X-axis, Y-axis, fog mirror, colorful mirror, prism, and focus motor, and the adjustment range is 0~255,127 means that there is no adjustment.
power	After entering the sub-interface, the power of the lamp bead can be adjusted, and 255 indicates the maximum power.
Other calibrations	Voice-activated sensitivity calibration, password change.

Reset

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

Options	illustrate
Effect motor reset	Effects other than XY motor reset
Scan motor reset	XY axis reset
All motors reset	Lamp reset

System information

Options	illustrate
Reset the information	If the red ERR indicator lights up, it means that the lamp is running incorrectly, and the details can be viewed on the sub-interface
DMX data monitoring	This takes you to the sub-interface, displaying the channel values as numeric values for viewing
Sensor information	Real-time monitoring of sensor status such as optocouplers and Hall on the lamp
Hardware version number	lamps hardware information
Software version	lamps software version

number	
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●Channel table

20 channels	Channel capabilities	numeric value	effect
1	X-axis	0-255	0-540°
2	X-axis fine-tuning	0-255	X fine-tuning
3	Y-axis	0-255	0-260°
4	Y-axis fine-tuning	0-255	Y fine-tuning
5	XY speed	0-255	From fast to slow
6	Total dimming	0-255	Dimming (dark to light)
7	Strobe	0-3	void
		4-99	Synchronous strobe
		100-149	Pulse strobe
		150-199	Flash
		200-249	Random strobe
		250-255	Turn on the light
8	color	0-6	white
		7-11	color1
		12-16	color2
		17-21	color3
		22-26	color4
		27-31	color5
		32-36	color6
		37-41	color7
		42-46	color8
		47-51	color9

		52-56	color10
		57-61	color11
		62-66	color12
		67-71	color13
		72-75	white light+color1
		76-79	color1+color2
		80-83	color2+color3
		84-87	color3+color4
		88-91	color4+color5
		92-95	color5+color6
		96-99	color6+color7
		100-103	color7+color8
		104-107	color8+color9
		108-111	color9+color10
		112-115	color10+color11
		116-119	color11+color12
		120-123	color12+color13
		124-127	color13+white light
		128-189	Counterclockwise flow from fast to slow
		190-193	Stop the running water
194-255	Clockwise flow from slow to fast		
9	pattern	0-2	White light hole
		3-6	pattern1
		7-10	pattern2
		11-14	pattern3
		15-16	pattern4
		19-22	pattern5
		23-26	pattern6
		27-30	pattern7
		31-34	pattern8
		35-38	pattern9
		39-42	pattern10
		43-46	pattern11
		47-50	pattern12
		51-54	pattern13
		55-58	pattern14
		59-62	pattern15

		63-66	pattern16
		67-70	pattern17
		71-77	pattern1Jitter from slow to fast
		78-84	pattern2Jitter from slow to fast
		85-91	pattern3Jitter from slow to fast
		92-98	pattern4Jitter from slow to fast
		99-105	pattern5Jitter from slow to fast
		106-112	pattern6Jitter from slow to fast
		113-119	pattern7Jitter from slow to fast
		120-126	pattern8Jitter from slow to fast
		127-133	pattern9Jitter from slow to fast
		134-140	pattern10Jitter from slow to fast
		141-147	pattern11Jitter from slow to fast
		148-154	pattern12Jitter from slow to fast
		155-161	pattern13Jitter from slow to fast
		162-168	pattern14Jitter from slow to fast
		169-175	pattern15Jitter from slow to fast
		176-182	pattern16Jitter from slow to fast
		183-189	pattern17Jitter from slow to fast
		190-221	Counterclockwise flow from fast to slow
		222-223	Stop the running water
		224-255	Clockwise flow from slow to fast
10	Colorful atomization	0-127	Colorful atomization cut out
		128-189	Atomization cut
		190-255	Colorful cut
11	prism	0-31	The prism is cut out
		32-63	Prism cut
		64-255	The prism rotates from slow to fast
12	Focusing	0-255	0-100% from far to near
13	reposition	0-199	void
		200-205	Reset all
		206-255	void