

200W LED Beam Moving Head with Halo

User Manual



This manual contains important information.
Please read before operating fixture.

1 SECURITY TIPS

WARNING!!! To reduce the risk of fire, electric shock, or injury to persons, follow these important safety instructions:

- non-professionals, not to disassemble the light arbitrarily and lighting accessories inside.
- rated voltage range: AC110V-120V/60Hz or AC200V-240V / 50HZ (to be selected).
- not beam irradiate the flammable materials, flammable materials and the lamp should be maintained at least 1M over the distance.
- lamps used in ambient temperature: -15 °C -40 °C, the highest temperature of the surface of the lamp: 60 °C.
- to keep away from the liquid substance and humid environment.
- before using the lights must ensure the good grounding, can not install charging and remove any parts.
- the installation of lamps, must be fixed screw fasteners with additional security cable and regular inspection.
- lamps consecutive working hours is not recommended more than 10 hours.
- should stop using the lights in time when happens unusual conditions during the process
- lamp parts of the rotation, external accessories and paste parts should be regular inspected, such as the emergence of loose and rock, should be reinforced in a timely manner to prevent the accident.
- lamps adopt strong winds to refrigerate, it is easy to accumulate the dust, so you have to clean it weekly especially the cooling air opening, otherwise the dust will plug leading to poor light

2 TECHNOLOGY REFERENCE

Voltage: AC110-240V,50/60Hz
Total power: 200W
Color wheel: 13 colors+white
Gobo wheel : 11 patterns+White
Operating temperature: -10°~50°
Color temperature: 8000K
Control mode: DMX512, master-slave mode, Sound
Prism: Single prism
Ra: 70
Protection level: IP20
Size : 28*18*46CM
Net weight : 7.7KG

3 Board Instruction

Operate Menu

menu operation settings			
primary menu	Submenu 1	Function setting	Brief introduction of function
DMX address		1-512	
system setup	Display backward	normal	.
		turn	
	Language settings	Chinese	
		English	
	Channel mode	20CH	

	operational mode	DMX	
		sound-controlled	
		automatic	
	Electronic lighting	close	
		open	
	Bulb default	On _ off	
	Light bulb control	illumine	
	shortest route	On _ off	
	Horizontal reversal	close	
		open	
	Vertical inversion	close	
		open	
	XY speed	low speed	
		intermediate speed	
		fast	
information inquiry	Optocoupler detection	close	
		open	
	Return to the superior	▲	
	Total time	0-9999	
	Bulb time	0-9999	
	binding hours	0-9999	
	display software	Vx001	
	XY software	Vx001	
Channel control	Small motor software	Vx001	
	Return to the superior	▲	
	Color wheel rotation	0-255	
	stroboscopic	0-255	
	Dimming "	0-255	
	Fixed pattern	0-255	
	prism	0-255	

	Prism rotation	0-255	
	Fogging	0-255	
	Focus adjustment	0-255	
	Horizontal rotation	0-255	
	Horizontal fine adjustment	0-255	
	Vertical rotation	0-255	
	Vertical fine tuning	0-255	
	reset	0-255	
	light a lamp	0-255	
	XY speed	0-255	
	Color wheel speed	0-255	
	Focusing speed	0-255	
	Pattern speed	0-255	
	Return to the superior	0-255	
functional mode	XY communication	normal	current state
		mistake	
	Small motor communication	normal	
		mistake	
	Focusing hall	normal	
		mistake	
	Color wheel hall	normal	
		mistake	
	Pattern hall	normal	
		mistake	
	X-optical coupler	normal	
		mistake	
appurtenance	Y optocoupler	normal	
		mistake	
	Fan speed	6500	
	Return to the superior	▲	
appurtenance	Check code 1	0-9999	

	Total time	clear	
		carry out	
	Lamp time	clear	
		carry out	
	Restore default	default	
		recover	
		preserve	
	Horizontal rotation	0-255	Zero initial position
	Vertical rotation	0-255	
	Focus adjustment	0-255	
	Prism 1	0-255	
	Prism 2	0-255	
	Prism rotation 1	0-255	
	Prism rotation 2	0-255	
	Fogging	0-255	
	Color combination	0-255	
	Fixed pattern	0-255	
	colour disc	0-255	
	Frequency flash	0-255	
	Stroboscopic midpoint	0-255	
	Ridge-1 midpoint	0-255	
	Mid-point of edge two	0-255	
	Atomization midpoint	0-255	
	Colorful midpoint	0-255	
	Return to the superior	▲	
Advanced settings	Check code 2	0-9999	
	Signal encryption	open	
		close	
	DMX speed	0-255	
	DMX data packet	0-255	
	DMX type	0-055	

	DMX isolation	0-65535	The smaller the value, the more stable the signal is.
	Driving plate temperature	< 110 degrees >	If it exceeds this range, red will be displayed.
	Drive board 3.3V	3.0V - 3.6V	If it exceeds this range, red will be displayed.
	Drive board 5.0V	4.5V - 5.5V	If it exceeds this range, red will be displayed.
	Drive board 12V	10.0V - 14.0V	If it exceeds this range, red will be displayed.
	Drive plate 36V	20.0V - 42.0V	If it exceeds this range, red will be displayed.
	X state	be motionless	
		turn	
	X hall	normal	
		mistake	Show red
	X-ray optical coupler phase	0-3	
	X optocoupler a	40-160	The standard setting of 100 exceeds the required range and displays red, but the red light on the panel does not give an alarm.

	X optocoupler b	40-160	The standard setting of 100 exceeds the required range and displays red, but the red light on the panel does not give an alarm.
	X optocoupler c	40-160	The standard setting of 100 exceeds the required range and displays red, but the red light on the panel does not give an alarm.
	X optocoupler d	40-160	The standard setting of 100 exceeds the required range and displays red, but the red light on the panel does not give an alarm.
	X current angle	000-540	
	X drive state	normal	
		mistake	Show red
	Y state	be motionless	
		turn	
	Y optocoupler	normal	
		mistake	Show red

	Y hall	normal	
		mistake	Show red
	Y-coupler phase	0-3	
	Y optocoupler a	40-160	If it exceeds this range, red will be displayed.
	Y optocoupler b	40-160	If it exceeds this range, red will be displayed.
	Y optocoupler c	40-160	If it exceeds this range, red will be displayed.
	Y optocoupler d	40-160	If it exceeds this range, red will be displayed.
	Y current angle	000-250	
	Y drive state	normal	
		mistake	Show red
	Return to the superior	▲	
Channel level	Color wheel rotation	0-255	Current DMX channel value
	stroboscopic	0-255	
	aiming	0-255	
	Fixed pattern	0-255	
	prism	0-255	
	Prism rotation	0-255	
	Fogging	0-255	
	Focus adjustment	0-255	
	Horizontal rotation	0-255	
	Horizontal fine adjustment	0-255	
	Vertical rotation	0-255	

	Vertical fine tuning	0-255	
	reset	0-255	
	light a lamp	0-288	
	XY speed	0-255	
	Color wheel speed	0-255	
	Focusing speed	0-255	
	Pattern speed	0-255	
	Return to the superior		
reset	Reset all	cancel	manual reset
		carry out	
	XY reset	cancel	
		carry out	
	Effect reset "	cancel	
		carry out	
	Return to the superior		
Exit menu			

4 DMX CHANNEL SHEET

20 Channels

Passage		name	numerical value	describe
CH1	CH1	colour	0-4	white light
			5-9	White light+color 1
			10-14	Color 1
			15-19	Color 1+ Color 2
			20-24	Color 2
			25-29	Color 2+ color 3
			30-34	Color 3
			35-39	Color 3+ color 4
			40-44	Color 4
			45-49	Color 4+ color 5
			50-54	Color 5
			55-59	Color 5+ color 6
			60-64	Color 6
			65-69	Color 6+ color 7
			70-74	Color 7
			75-79	Color 7+ color 8
			80-84	Color 8
			85-89	Color 8+ color 9
			90-94	Color 9
			95-99	Color 9+color 10
			100-104	Color 10
			105-109	Color 10+color 11
			110-114	Color 11
			115-119	Color 11+color 12

			120-124	Color 12
			125-129	Color 12+color 13
			130-134	Color 13
			135-140	Color 13+white light
			141-150	white light
			151-205	From fast to slow forward flow
			206-255	Reverse flow from slow to fast
CH2	CH2	stroboscopic	0-3	Shutter closed
			4-103	Synchronous stroboscopic
			104-107	Shutter open
			108-207	Flat frequency flash
			208-212	Shutter open
			213-225	Low speed random strobe
			226-238	Medium speed random strobe
			239-251	High speed random strobe
			252-255	Shutter open
CH3	CH3	aiming	0-255	0-100% dimming
CH4	CH4	pattern	0-7	Baiguangkong
			8-14	Pattern 1
			15-21	Pattern 2
			22-28	Pattern 3
			29-35	Pattern 4
			36-42	Pattern 5
			43-49	Pattern 6
			50-57	Pattern 7
			58-64	Pattern 8

			65-71	Pattern 9
			72-78	Pattern 10
			79-85	Pattern 11
			86-90	Pattern 12
			91-99	white light
			100-209	Pattern jitter from slow to fast.
			210-230	The pattern is turning from slow to fast.
			231-234	Stop turning
			235-255	Pattern inversion from slow to fast
CH5	CH5	prism	0-127	Prismatic
			128-255	Prism cut in
CH6	CH6	Prism rotation	0-127	0-400 degrees
			128-190	Reverse flow from fast to slow
			191-192	stop
			193-255	From slow to fast forward flow
CH7 Rainbow			0-127	without
			128-255	Insert colorful
CH8 Frost			0-127	without
			128-255	Insertion Frost
CH9	CH9	focus	0-255	From far to near
CH 10	CH10	X axis	0-255	0-540 degrees
CH 11	CH11	X-axis fine tuning	0-255	X-axis 16bit fine tuning channel
CH 12	CH12	Y axis	0-255	0-240 degrees
CH 13	CH13	Y axis fine tuning	0-255	Y-axis 16bit fine tuning channel

CH 14	CH14 lamp strip		0-255	The effect goes from slow to fast.
CH 15 reset	CH15	Horizontal vertical velocity	0-255	Fast to slow
CH 16 is empty	CH16	reset	0-127	without
			128-255	Complete machine reset

5 DIFFICULTY RESOLUTION

The following is a list of problems and resolution, and other malfunction preparing work should be professionally qualified staff to deal with.

1. Bulb not working

- Check whether approaching the service life of light bulbs, then change it
- Check whether bulbs circuitry leak, loss or connect poorly

2. Beam appears bleak

- The bulbs maybe approach the service life, then change it, or the optical components are unclean.
- Bulbs have accumulation of dust, so the bulbs and other parts inside the lamp should be cleaned and maintained in regular period.

3. Computer lamp work intermittently

- Check whether the fan process naturally and become dirty
- Check inner temperature-response control plug is off

- c) Check whether the circuitry is good
- 4. The computer lamp not controlled by controller during lighting
 - a) Check numeral starting address and the connection of communication control circuit
 - b) The corresponding channel button of controller is open or not
 - c) Check whether the fuse on power supply input jack is broken off

6 AFTER SERVICE

- 1. Our company offer technical consultation to customers for ever.
- 2. If the machine is wrong and need repairmen, please truthfully fill in the related content and feedback us the problems timely, as well as we have to improve the product.
- 3. In addition to the lamp, also matching accessories are as follows:
accessories: Power line 1 piece **Optional parts:** (customers)



Warranty Card

Name	Model	Production	Purchase
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End User
Company Name:
Add:

Sale Store	
Link man:	
Tel:	Stamp

Description: These must be truthfully fill, seal by the end-user and point-of-sale, or else the warranty will not work (warranty period and terms, see the following)

warranty period: one year since purchase warranty terms: 1、If fail when using the product in normal state, you can made under the provisions of the warranty, show the warranty card and purchase bills(copy), and enjoy free maintenance service in a specific service center or the manufacturer.

2. The following will be the implementation of paid service:

- (1)Without the effective warranty card
- (2)There's blank, alter and no point-of-sale name
- (3)Fail caused by unresistance
- (4)Fail caused by transportation or unloading
- (5)Fail caused by not operate by manual
- (6)Fail caused by disassemble without unauthorized
- (7)Fail caused by using the unauthorized control system

Note:

Based on our company continue to improve the product, the statement containing data may have changed, and will not notice the change any more. Company retains its right to change specifications related when product is improved. Thanks for your understanding.