

# 200W beam light



## User's Manual

Thank you for using the products produced by our company: this manual contains important information such as product use, installation and maintenance methods. Please read it carefully and install and operate it as required. At the same time, please keep this manual properly in case of emergency. When this product leaves the factory, its performance is intact and its packaging is complete. All users shall strictly abide by the warnings and operating instructions stated in this manual. Any damage caused by misuse is not covered by our company's guarantee. This manual is subject to technical changes without prior notice.







### Product characteristics

operating

AC100~240V, 50~60Hz

consumed	280W
Light source	200W white light +21PCS SMD
Life of light	≥ 20,000 hours
Color wheel	7 colors+white light
Pattern disk	11 patterns+circular patterns
prism	18 prism effect
rainbow	6 colors rainbow effect
aiming	Linear dimming, brightness 0 ~ 100% adjustable.
stroboscopic	1 ~ 20 Hz strobe per second, with adjustable strobe
level position	0~540°
vertical	0~200°
spin velocity	Adjustable speed
Channel mode	13/15 international standard channels
Display screen	Digital display LCD display
control model	DMX control master/slave synchronous mode self-propelled control, Voice control
Lamp color	Black (white)
DMX interface	DMX Canon Block (Network Port)
IP level	IP20 indoor use

Display panel			
project	serial number	Corresponding silk screen printing	function
<b>Button</b>	one		Enter the main page/menu at the next higher level
	two		Upper key
	three		Lower key
	four		Enter the selected function/Enter key

Display screen function		
	set up	Parameter setting
	manual	Manual setting

	system	State monitoring, display
	senior	Advanced parameter configuration
	Chinese-English switching	Switch between Chinese and English
	Inverted display/forward display switching	Forward/reverse display of display screen
	reset	Device reset
set up	Operation effect	SH0-SH5(SH0 random effect)
	operational mode	DMX, automatic, voice control
	DMX address	001-512
	Channel mode	Standard 13/15CH
	Voice-activated sensitivity	0-100
	X inversion	Off, on
	Y inversion	Off, on
	XY exchange	Off, on
	No DMX signal	Clear, keep
	Constant on time of screen	Always on, 10S,20S,40S,60S
	screen intensity	20%, 40%, 60%, 80%, 100%
	Restore default settings	Confirm, cancel
manual	X	000-255
	X fine tuning	000-255
	Y	000-255
	Y fine tuning	000-255
	XY speed	000-255
	aiming	000-255
	stroboscopic	000-255
	Color wheel	000-255
	Pattern disk	000-255
	Prism, rotating	000-255
	rainbow	000-255
	Self-propelled/voice control	000-255
	reset	000-255
	Speed of light strip	000-255
system	DMX channel detection	X
		X fine tuning
		Y
		Y fine tuning
		XY speed
		aiming

		stroboscopic
		Color wheel
		Pattern disk
		Prism, rotating
		rainbow
		Self-propelled/voice control
		reset
		Lamp strip
		Speed of light strip
senior	System error record	error logging
	LED temperature	Temperature display
	DP	version number
	MT	version number
	Enter password	Up, down, up and down.
	Sensor monitoring	X-axis hall state
		Y-axis hall state
		Hall state of color wheel
		Hall state of pattern disk
		Prism hall state
		rainbow hall state
	Reset calibration	X-axis calibration 000-255
		Y-axis calibration 000-255
		Color wheel calibration 000-255
		Pattern disk calibration 000-255
		Prism calibration 000-255
		rainbow calibration 000-255
	Color zero calibration of	On/off
	Rainbow stroke	000-255 (keep factory settings)

**DMX channel control content**

**[DMX1] Detailed description of 13/15-channel mode, receiving DMX512 international standard signal.**

channel	numerical value	functional description
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1	1	X axis	000-255	The horizontal shaft runs 0-540 degrees.
	2	X axis fine tuning	000-255	Horizontal fine-tuning fretting
2	3	Y axis	000-255	The vertical axis runs 0-200 degrees.
	4	Y axis fine tuning	000-255	Vertical fine-tuning fretting
3	5	XY speed	000-255	Horizontal/vertical speed from fast to slow
4	6	Total dimming	000-255	Linear dimming, brightness 0-100%
5	7	Turn on/strobe	000-009	Closed light
			010-249	The strobe speed is from slow to fast, 1-20Hz.
			250-255	consecrate
6	8	colour	000-009	white light
			010-079	Colors 1-7
			080-139	Half color effect 1-6
			140-197	The color wheel rotates forward, and the speed is fast to slow.
			198-255	The color wheel is reversed and the speed is slow to fast.
7	9	pattern	000-005	Circular white light
			006-071	Patterns 1-11
			072-143	Pattern 11-1 dithers, and the speed changes from slow to fast.
			144-199	The pattern rotates forward, and the speed is from fast to slow.
			200-255	The pattern rotates in reverse, and the speed changes from slow to fast.
8	10	prism	000-099	Prism off
			100-127	18 prism open
			128-255	The prism rotates 360, and the speed changes from slow to fast.
9	11	Colorful	000-126	Colorful closing
			127-255	Colorful open
10	12	Self-propelled/voice control	000-029	1-11 channels are valid.
			030-059	Self-propelled mode 1
			060-089	Self-propelled mode 2

			090-119	Self-propelled mode 3
			120-149	Self-propelled mode 4
			150-179	Voice control mode 1
			180-209	Voice control mode 2
			210-239	Voice control mode 3
			240-255	Voice control mode 4
11	13	reset	000-020	No function
			021-100	Automatic detection of x-axis
			101-200	Y axis automatic detection
			201-249	XY axis automatic detection
			250-255	Wait for 3 seconds, and the lamps will be reset.
13	15	Scene speed	000-255	Speed from fast to slow (valid at 14: 075-248)

## General troubleshooting

Lamps can't start normally.	<ol style="list-style-type: none"> <li>1. Check the power cord for problems.</li> <li>2. Check whether the power fuse is blown.</li> <li>3. Check whether the switching power supply of lamps and lanterns has voltage output (multimeter)</li> <li>4. Check the motherboard for voltage input (multimeter)</li> </ol>
Lamps and lanterns can emit light normally, but they are not controlled by DMX controller.	<ol style="list-style-type: none"> <li>1. Check whether the DMX starting address of lamps and lanterns is set correctly.</li> <li>2. Check whether the DMX cannon seat of the lamp is damaged.</li> <li>3. Rule out the first and second, and then try connecting another desk lamp with the same console. If it is normal, there is something wrong with the motherboard of the desk lamp.</li> </ol>
Lamps and lanterns work intermittently.	<ol style="list-style-type: none"> <li>1. Check whether the fan works normally and whether the dust blocks the fan and the fan net.</li> <li>2. Check whether the LED light of the switching voltage output port is flashing, and the switching power supply is damaged or there are sundries in it, resulting in short circuit.</li> </ol>

	3. Abnormal circuit board causes
The light is dim and the brightness drops obviously.	1. Check whether the internal and external optical systems are clean.
The shaking light is out of step.	1. Signal interference can also be caused. Rule out whether the ground end of the signal line is broken. 2. Program exception causes 3. Abnormal motor causes 4. The IC of the motherboard burned out.