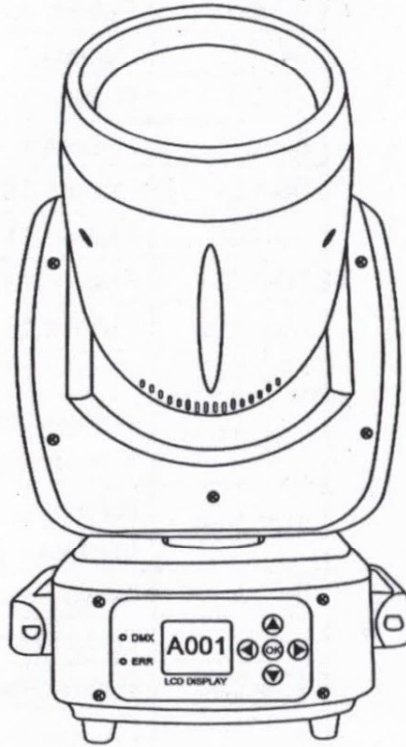# 200W LED Beam moving
USER MANUAL

Please read the instructions carefully before using the product

DMX512 signal connection

This luminaire uses DMX512 signal control mode, and the control signals of each luminaire are in parallel. When connecting multiple luminaire signals, it is best to use a dual core shielded cable. When connecting, each luminaire is connected through the DMX512 signal jack (XLR socket), Input (input), and Output (output) on the luminaire. The 3-core XLR plug terminals of the signal wire connecting the luminaire must correspond to each other. When connecting luminaire signals, it is recommended to use a DMX signal terminator. This can be avoided, Due to electrical noise causing damage to the control signal, the DMX signal terminator is a 120 ohm 1W resistor connected between the 2 and 3 pins of an XLR plug and connected to the OUTPUT socket of the last lamp.

Calculation method for starting address code of lamps:

The starting address code of the current lamp is equal to

(the starting address code of the previous lamp)+(the number of channels of the lamp) Description:

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

2: The basic number of channels in the controller should 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 lamp channels is 16CH; So the starting address code of the second lamp is set to A017; The starting address code of the third lamp is set to A033; By analogy, (this setting method also needs to be determined based on different consoles).

Menu Description

Main menu	Secondary menu	Three -level menu/parameter
DMX function	DMX address	001 - 512
	Channel mode	15CH
Run mode	Operating mode	DMX mode
		Auto
		Sound
System settings	encoder	on – off
	X Invert	on – off
	Y Invert	on – off
	No signal	clear – keep
	Voice control sensitivity	0-100
Display Settings	Language selection	Chinese – English
	Invert Settings	on – off
	Screen saver settings	on – off
Manual test	X	000 - 255
	X fine tuning	000 - 255
	Y	000 - 255
	Y fine tuning	000 - 255
	XY speed	000 - 255
	Dimming	000 - 255
	Strobe	000 - 255
	Color disc	000 - 255
	Pattern disc	000 - 255
	prism	000- 255
	focusing	000 - 255
	Seven Colors	000 - 255
	Macro functionality	000 - 255
	Macro function speed	000 - 255
	reset	yes – no
System information	Software version number	001 - 255
Special settings	Restore factory settings	yes – no
Correction settings Password: (up, down, up, down)	X-axis calibration	001 - 255
	Y-axis calibration	001 - 255
	Color Axis Calibration	001 - 255
	Pattern disc calibration	001 - 255
	Prism axis calibration	001 - 255
	Focus axis calibration	001 - 255
	Seven Color Axis Calibration	001 - 255

➤ Manual Control

This interface is used to control the current lighting fixture.

Press the "OK" button to enter the editing status. Press the "Up" and "Down" keys to change the channel value. Press' OK 'again to save the modified values and exit editing. Press' Exit' to exit editing without saving the modified values.

➤ System Calibration

Password "up, down, up and down (key)", press the "OK" key to enter.

Option	illustrate
Initial Position	After entering the sub interface, you can adjust the initial positions of the X-axis, Y-axis, color tray, image tray, fog mirror, seven colors, prism, and focusing motor, The adjustment range of 0-255, 128 indicates no adjustment.

•Channel Table

15 CH	Channel function	Value	Effect
1	X-axis	0-255	0-540 °
2	X-axis fine adjustment	0-255	X fine tuning
3	Y-axis	0-255	0-260 °
4	Y-axis fine adjustment	0-255	Y fine tuning
5	XY speed	0-255	From fast to slow
6	Pattern White Light	0-255	Pattern dimming from dark to bright
7	Strobe	0	No function
		1-255	Synchronous strobe speed from slow to fast (1HZ~25HZ)
8	Color	0--10	white light
		11--21	Color 1
		22--32	Color 2
		33--43	Color 3
		44--54	Color 4
		55--65	Color 5
		66--76	Color 6
		77--87	Color 7
		88--98	Color 8
		99--109	Color 9
		110-120	Color 10
		120-127	Color 11
		128-191	Clockwise color automatic switching from fast to slow
		192-255	Automatic color switching from slow to fast counterclockwise

9	Gobo	0-15	white light
		16--23	Pattern 1
		24-31	Pattern 2
		32-39	Pattern 3
		40-47	Pattern 4
		48-55	Pattern 5
		56-63	Pattern 6
		64-71	Pattern 7
		72-79	Pattern 8
		80-87	Pattern 9
		88-95	Pattern 10
		96-103	Pattern 11
		104-111	Pattern 12
		112-119	Pattern 13
		120-127	Pattern 14
		128-191	Clockwise color automatic switching from fast to slow
		192-255	Automatic color switching from slow to fast counterclockwise
10	Prism	0-7	Close Prism
		8-127	Open Prism
		128-255	Prism rotation from slow to fast
11	Focus	0-255	From near to far
12	Colorful	0-7	No effect
		8-127	Seven Colors
		128-255	atomization
13	Macro	0-49	invalid
		50-149	Auto
		150-255	Voice control
14	Macro speed	0-255	From fast to slow
15	Reset	0-240	No function
		241-255	Lamp body reset, effective for 5 seconds