
LED 150W moving head

PL.



Settings

Options	Instructions	
Running mode	DMX	Slave state: Receives DMX signals from the console or mainframe
	Bootstrapping	Host state: Self-actuated and sends DMX signal to slave
	Voice control	
DMX address	1-512	Press "OK" to enter editing mode. At this point, the hundreds digit is selected, and press the "up" and "down" keys to change the address code. Press the "OK" key again to select the tens edit. Press "OK" once more to select the ones edit. Press again to exit the editing state
Light Bulb	Off	Closing bubble
	On	Brightening bubble
Motor reset	Off	
	On	Light fixture reset
Channel mode	Standard 16CH Extended 20CH	Standard 16-channel mode Extend the 20 channel mode
Language	Chinese	Set to the Chinese interface
	English	Set to the English interface
Screen flip	Off	Front display
	On	Screen reverse display
X Inversion	Off	
	On	
Y-reverse	Off	
	On	
XY swap	Off	
	On	Channel for switching XY axes (including trims)
XY encoder	On	Use an encoder (optocoupler) to judge out of step and automatically correct the position
	Off	Correct the position without using an encoder (optocoupler)
DMX signal	Hold	Continue running in its original state
	Clear zero	Turn the motor back and stop running
Wind speed low turn off bubble	On	If the blower speed is too low, it will automatically extinguish the bubble
	Off	The blower speed is too low and will not automatically extinguish the bubble
Turn on brightening bubble	Off	Direct reset after power on, no light bulb (need to manually light bubbles with menu or console)
	On	Automatically light up bubbles after power on, and to wait until the bulb successfully lit up before reset

The color wheel changes linearly	On	The color wheel changes linearly
	Off	Color wheel nonlinear change, half color change
Restore default Settings		When you see the confirmation dialog after pressing "OK", press "OK" again to restore the default Settings

Information

Options	Instructions	
DIS		Display board software version
MT		Motor board software version
Manual	Manual interface	Corresponding channel manual control
Time information	Steps 1 Total brightening bubbles 2. Use in total 3. Duration of permission	Record the cumulative brightening time Record the lighting time 9999 No encryption;Other values can be used with encryption
Blower speed		Displays the current blower speed
System error		If the red ERR indicator lights up, it indicates that the lamp is running incorrectly. You can enter the sub-interface to check the details.After viewing, you can press the "Clear" button to clear the error record
Hall Status	0000000	0 when magnetic is detected, 1 otherwise
The X-axis codes the disk step value	0000	The number of steps should increase when walking in the forward direction and decrease when walking in the opposite direction.The number should be normal every time you reach the same point
The Y-axis codes the disk step value	0000	The number of steps should increase when walking in the forward direction and decrease when walking in the opposite direction.The number should be normal every time you reach the same point

Error message description

Common error messages	Instructions
MT board connection failed	The motor board is not responding. There is a problem with the serial communication line connecting the display board to the motor board, or there is a problem with the motor board.
X-axis reset failed	There is a problem with the X-axis photoelectric switch, or with the X-axis motor or motor board
Y-axis reset failed	Y-axis photoelectric switch, or Y-axis motor or motor board has a problem
X axis Hall error	X-axis Hall, or there is a problem with the motor board
Y-axis Hall error	Y-axis Hall, or a problem with the motor board
Color plate reset failed	Color disk Hall, or there is a problem with the color disk motor
Pattern disk reset failed	Pattern plate Hall, or pattern plate motor has a problem
The focus reset failed	Focus Hall, or there is a problem with the focusing motor
Bulb control failure	Failure to light or extinguish bubbles, faulty laminator or bulb

Factory

Calibration	X-axis	After entering the sub-interface, you can adjust the reset position of the motor such as X axis and Y axis to make up for the error on the hardware installation. The adjustment range is -128~+127, and +0 indicates no adjustment.
	Y-axis	
	Color	
	Gobo	
	Focus	
	Dimming	
	Prism 1 zero	
	Prism 1 stroke	
	Prism 2 zeros	
	Prism 2 stroke	
	Frost calibration	
	Colorful mirror	

Channel table

Channels	Channel pattern
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	15	19
1	X	X
2	X Fine	X Fine
3	Y	Y
4	Y Fine	Y Fine
5	XY Speed	XY Speed
6	Dimming	Dimming
7	Shutter	Shutter
8	Color	Color
9	Gobo	Gobo
10	Prism 1	Prism 1
11	Prism 1 Rotate	Prism 1 Rotate
12	Prism 2	Prism 2
13	Prism 2 Rotate	Prism 2 Rotation
14	Focus	Focus
15	Reset	Reset
17		RFU
18		Color speed
19		Dimming speed
20		Gobo speed

Channel parameter values (full version) :

Channel	Features	Channel value	Effects
1	X	000-255.	Horizontal 540 degree scan
2	Y	000-255.	Vertical 270 degree scan
3	X Fine	000-255.	Horizontal 1.2 degree fine tuning
4	Y Fine	000-255.	Vertical 1.2 degree fine tuning
5	XY Speed	000-255.	Speed from fast to slow
6	Dimming	000-255.	Dark to light
7	Shutter	000-003. 004-251. 252-255.	Light gate open → (controlled by dimming channel) Stroboscopic from slow to fast Light brake on → (controlled by dimmer channel)
8	Color	000-004. 005-009 010-014 015-019 020-024 025-029 030-034	White light White light + Color 1 Color 1 Color 1+ Color 2 Color 2 Color 2+ Color 3 Color 3

		035-039 040-044 045-049 050-054 055-059 060-064 065-069 070-074 075-079 080-084 085-089 090-094 095-099 100-104 105-109 110-114 115-119 120-124 125-129 130-191 192-255	Color 3+ Color 4 Color 4 Color 4+ Color 5 Color 5 Color 5+ Color 6 Color 6 Color 6+ Color 7 Color 7 Color 7+ Color 8 Color 8 Color 8+ Color 9 Color 9 Color 9+ Color 10 Color 10 Color 10+ Color 11 Color 11 Color 11+ Color 12 Color 12 Color 12+ white light Forward flowing water (from fast to slow) Reverse flow (slow to fast)
9	Gobo	000-004 005-009 010-014 015-019 020-024 025-029 030-034 035-039 040-044 045-049 050-054 055-059 060-064 065-069 070-074 075-079 080-084 085-089 090-094 095-099 100-104 105-109 110-114	Gobo 1 Gobo 2 Gobo 3 Gobo 4 Gobo 5 Gobo 6 Gobo 7 Gobo 8 Gobo 9 Gobo 10 Gobo 11 Gobo 12 Gobo 13 Gobo 14 Gobo 1 Shake(from slow to fast) Gobo 2 Shake(from slow to fast) Gobo 3 Shake(from slow to fast) Gobo 4 Shake(from slow to fast) Gobo 5 Shake(from slow to fast) Gobo 6 Shake(from slow to fast) Gobo 7 Shake(from slow to fast) Gobo 8 Shake(from slow to fast) Gobo 9 Shake(from slow to fast)

		115-119 120-124 125-129 130-134 135-139 140-197 198-255	Gobo 10 Shake(from slow to fast) Gobo 11 Shake(from slow to fast) Gobo 12 Shake(from slow to fast) Gobo 13 Shake(from slow to fast) Gobo 14 Shake(from slow to fast) Reverse flowing water (from fast to slow) Forward flow (slow to fast)
10	Prism 1	000-127. 128-255.	None Prism 1 Cut in
11	Prism 1 Rotate	000-127. 128-190. 191-192. 193-255.	Prism Angle adjustment Forward rotation (from fast to slow) Stop Reverse rotation (from slow to fast)
12	Prism 2	000-127. 128-255.	None Prism 2 Cut in
13	Prism 2 Rotate	000-127. 128-190. 191-192. 193-255.	Prism Angle adjustment Forward rotation (from fast to slow) Stop Reverse rotation (from slow to fast)
14	Focus	000-255.	Gobo clarity from far to near
15	Reset	000-025. 026-076. 077-127. 128-255.	None Reset Effect Reset XY Reset All
16	RFU	000-255.	Speed from fast to slow
17	Color Speed		
18	Dimming - Prism - Frost Speed		
19	Gobo speed		