

User Manual

8 eyes 5w LED laser bar light



• Technical parameters:

Rated voltage: AC110V~ AC230V±10%

Rated frequency: 50Hz~60Hz

Rated power: 120W

Laser color: single red+LED5W

Laser power: Red 2.4W

Laser light source: R:500mw/638nm X8 LED 5W *8

Laser Pattern: Various Thick Beam Effect Patterns

Laser modulation signal: TTL modulation signal

Control mode: DMX-512 signal control, self-propelled mode, sound control mode,

Control channel: 8/22CH

Scanning System: Stepper Motor

Scanning angle: ±25 degrees

Cooling system: fan forced cooling system

Working environment: indoor

Light size: 107*8*6.8CM

Carton: 1 in 1 : 117X18X27CM

N.W: 8KG G W: 9KG

1 in 2 : 119X39X29CM

1.LED display window function comparison table, (all functions are selected according to the D key to confirm).

	display	Functional description
1	A001	22 channel address code, (001 - 512) B, C key add and subtract address code value.
2	d001	8 channel address code, (001 - 512) B, C key add and subtract address code value.
3	tr00	Running changes, (00 - 33) B, C key modified running pattern
4	tu00	Running changes, (00 - 99) B, C keys to modify the running speed.
5	O255	Laser dimming, (000 - 255) B.C key modified color selection
6	Y255	LED dimming, (000 - 255) C.C key modified color selection
7	F000	Motor position, (000 - 255) B, C key to modify motor position

2. LED background display window function comparison table. (In A001 state, press A button for 3-5 seconds to enter and press D button to exit)

1	O235	Laser current, (020 - 255) default value (235)
2	Y235	LED current, (020 - 255) default value (235)
3	U128	Motor stroke, (000 - 255) default 128
4	J128	Motor correction, (000 - 255) default 128
5	LoAd	LoAd does not restore the default value of factory settings (LoAd).
		LdEd to restore factory settings Note: After entering LdEd, LdEd will flash prompt whether to restore factory settings, after entering LdEd, the menu is not

		saved in a loop by pressing the D key to exit LdEd will take effect. If you do not need to restore the factory settings, you can press the B key or C key to call back Load in LdEd mode. The menu can continue to loop in Load mode. (restore the factory setting current value will not be restored).
6	doFF	The doFF DMX512 segment signal is not maintained (after the segment signal enters the closed light state), the default value (doFF).
		The don-dmx51 segment signal is maintained.
7	EoFF	EoFF display backlight is always bright default value (EoFF).
		Eon-display backlight 30 seconds after entering screen saver
8	16bt	16bt 16-bit dimming mode (soft and flickerless dimming with slower dimming speed) default value (16bt)
		-8bt 8-bit dimming mode (dimming is a little flickering, and the dimming speed is synchronized with the console value change speed)

3. DMX512 22 channel description

	function	Explain
1	Motor position	Motor scanning position
2	Motorspeedand reset	000-250 motor speed 251-2558 seconds after system reset

3	Total dimming	0--255: total dimming, from dark to bright 0-100%;	
4	Totalstroboscopic	0--255: total strobe, from slow to fast 0-100%;	
5	Functional Selection	<p>0--5: No;</p> <p>6-9: running pattern 1 (motorcontrolled) (without tailing)</p> <p>10--13:runningpattern 2 (motor controlled) (without tailing).</p> <p>14--17:runningpattern 3 (motor controlled) (without tailing).</p> <p>18--21:runningpattern 4 (motor controlled) (without tailing).</p> <p>22--25:runningpattern 5 (motor controlled) (without tailing).</p> <p>26--29:runningpattern 6 (motor controlled) (without tailing).</p> <p>30--33:runningpattern 7 (motor controlled) (without tailing).</p> <p>34--37:runningpattern 8 (motor controlled)</p>	<p>129-132;runningpattern 1 (motor self drive) without tailing.</p> <p>133--136:running pattern 2 (motor self drive) without tailing.</p> <p>137--140:runningpattern 3 (motor self drive) without tailing.</p> <p>141--144:runningpattern 4 (motor self drive) without tailing.</p> <p>145--148:runningpattern 5 (motor self drive) without tailing.</p> <p>149--152:runningpattern 6 (motor self drive) without tailing.</p> <p>153--156:runningpattern 7 (motor self drive) without tailing.</p> <p>157--160:runningpattern 8 (motor self drive) without tailing.</p>

		<p>(without tailing). 38--41:runningpattern 9 (motor controlled) (without tailing). 42-45:running pattern 10 (motor controlled) (without tailing) 46--49:runningpattern 11 (motor controlled) (without tailing). 50--53:runningpattern 12 (motor controlled) (without tailing). 54--57:runningpattern 13 (motor controlled) (without tailing). 58-61:running pattern 14(electricity)Machine controlled)(withouttai ling) 62-65:running pattern 15 (motor controlled) (without tailing) 66-69:running pattern 16 (motor controlled) (with tail) 70--73:runningpattern 17 (motor controlled)</p>	<p>161--164:runningpatte rn 9 (motor self drive) without tailing. 165-168:runningpatte rn10(motor self drive) (without tailing) 169--172:runningpatte rn11 (motor self drive) without tailing. 173--176:runningpatte rn12(motor self drive) without tailing. 177--180:runningpatte rn13(motor self drive) (no tailing) 181-184:runningpatte rn14(motor self drive) (without tailing) 185--188:runningpatte rn15(motor self drive) without tailing. 189-192:runningpatte rn16(motor self drive) (with trailing) 193--196:runningpatte rn17(motor self drive) (with trailing) 197--200:runningpatte</p>
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		<p>(with tailing) 74--77:runningpattern 18 (motor controlled) (with tailing) 78--81:runningpattern 19 (motor controlled) (with tailing) 82--85:runningpattern 20 (motor controlled) (with tailing) 86--89:runningpattern 21 (motor controlled) (with tailing) 90--93:runningpattern 22 (motor controlled) (with tailing) 94--97:runningpattern 23 (motor controlled) (with tailing) 98--101:runningpatter n24(motor controlled) (with tailing) 102-105:runningpatte rn25(motor controlled) (with tail) 106--109:runningpatte rn26(motorcontrolled) (with tailing)</p>	<p>rn18(motor self drive) (with trailing) 201--204:runningpatte rn19(motor self drive) (with trailing) 205--208:runningpatte rn20(motor self drive) (with trailing) 209--212:runningpatte rn21(motor self drive) (with trailing) 213--216:runningpatte rn22(motor self drive) (with trailing) 217--220:runningpatte rn23(motor self drive) (with trailing) 221--224:runningpatte rn24(motor self drive) (with trailing) 225-228:runningpatte rn25(motor self drive) (with trailing) 229--232:runningpatte rn26(motor self drive) (with trailing) 233--236:runningpatte rn27(motor self drive)</p>
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		110--113:runningpatte rn27(motorcontrolled) (with tailing) 114--117:runningpatte rn28(motorcontrolled) (with tailing) 118-124:runningpatter n29(motorcontrolled)(with tailing) 125--128:runningpatte rn30(motorcontrolled) (with tailing)	(with trailing) 237--244:runningpatte rn28(motor self drive) (with trailing) 235-248:runningpatte rn29(motor self drive) (with trailing) 248--255:voicecontrol
6	Functional speed	Function speed from slow to fast	
7	Laser1dimming	Laser brightness from 0-100%	
8	Laser2dimming	Laser brightness from 0-100%	
9	Laser3dimming	Laser brightness from 0-100%	
10	Laser4dimming	Laser brightness from 0-100%	
11	Laser5dimming	Laser brightness from 0-100%	
12	Laser6dimming	Laser brightness from 0-100%	
13	Laser7dimming	Laser brightness from 0-100%	
14	Laser8dimming	Laser brightness from 0-100%	
15	LED1 dimming	LED brightness from 0-100%	
16	LED2dimming	LED brightness from 0-100%	
17	LED3dimming	LED 3 dimming	
18	LED4dimming	LED brightness from 0-100%	
19	LED5dimming	LED brightness from 0-100%	
20	LED6dimming	LED brightness from 0-100%	

21	LED7dimming	LED brightness from 0-100%
22	LED8dimming	LED brightness from 0-100%

4. DMX512 8 channel description

	function	Explain	
1	Motor position	Motor scanning position	
2	Motorspeedandreset	000-250 motor speed 51-2558 seconds after system reset	
3	Totaldimming	0--255: total dimming, from dark to bright 0-100%;	
4	Totalstroboscopic	0--255: total strobe, from slow to fast 0-100%;	
5	Functionselection	0--5: No; 6-9: running pattern 1 (motorcontrolled)(without tailing) 10--13:runningpattern 2 (motor controlled) (without tailing). 14--17:runningpattern 3 (motor controlled) (without tailing). 18--21:runningpattern 4 (motor controlled) (without tailing). 22--25:runningpattern 5 (motor controlled) (without tailing). 26--29:runningpattern	129-132;runningpattern 1 (motor self drive) without tailing. 133--136:runningpattern 2 (motor self drive) without tailing. 137--140:runningpattern 3 (motor self drive) without tailing. 141--144:runningpattern 4 (motor self drive) without tailing. 145--148:runningpattern 5 (motor self drive) without tailing. 149--152:runningpattern 6 (motor self drive)

		<p>6 (motor controlled) without tailing. (without tailing).</p> <p>30--33:runningpattern 7(motorcontrolled)(wi thout tailing).</p> <p>34--37:runningpattern 8 (motor controlled) (without tailing).</p> <p>38--41:runningpattern 9 (motor controlled) (without tailing).</p> <p>42-45:running pattern 10 (motor controlled) (without tailing)</p> <p>46--49:runningpattern 11 (motor controlled) (without tailing).</p> <p>50--53:runningpattern 12 (motor controlled) (without tailing).</p> <p>54--57:runningpattern 13 (motor controlled) (without tailing).</p> <p>58-61:running pattern 14 (motor controlled) (without tailing)</p> <p>62--65:runningpattern 15 (motor controlled)</p>	<p>without tailing. 153--156:running pattern 7 (motor self drive) without tailing. 157--160:runningpatte rn 8 (motor self drive) without tailing. 161--164:runningpatte rn 9 (motor self drive) without tailing. 165-168:runningpatte rn10(motor self drive) (without tailing) 169--172:runningpatte rn11 (motor self drive) without tailing. 173--176:runningpatte rn12(motor self drive) without tailing. 177--180:runningpatte rn13(motor self drive) without tailing. 181-184:runningpatte rn14(motor self drive) (without tailing) 185--188:runningpatte rn15(motor self drive) without tailing.</p>
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		<p>(without tailing). 66-69:running pattern 16 (motor controlled) (with tail) 70--73:runningpattern 17 (motor controlled) (with tailing) 74--77:runningpattern 18 (motor controlled) (with tailing) 78--81:runningpattern 19 (motor controlled) (with tailing) 82--85:runningpattern 20 (motor controlled) (with tailing) 86--89:runningpattern 21 (motor controlled) (with tailing) 90--93:runningpattern 22 (motor controlled) (with tailing) 94--97:runningpattern 23 (motor controlled) (with tailing) 98--101:runningpatter n24(motor controlled) (with tailing)</p>	<p>189-192:runningpatte rn16(motor self drive) (with trailing) 193--196:runningpatte rn17(motor self drive) (with trailing) 197--200:runningpatte rn18(motor self drive) (with trailing) 201--204:runningpatte rn19(motor self drive) (with trailing) 205--208:runningpatte rn20(motor self drive) (with trailing) 209--212:runningpatte rn21(motor self drive) (with trailing) 213--216:runningpatte rn22(motor self drive) (with trailing) 217--220:runningpatte rn23(motor self drive) (with trailing) 221--224:runningpatte rn24(motor self drive) (with trailing) 225-228:runningpatte</p>
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6	Functional speed	Function speed from slow to fast	
7	Laser dimming	Laser brightness from 0-100%	
8	LED dimming	LED brightness from 0-100%	

5. features:

The operation is very simple, humanized design, dimming, flicker and jitter. It can be adapted to photography, photography, TV stations and other occasions that require strict lighting.