

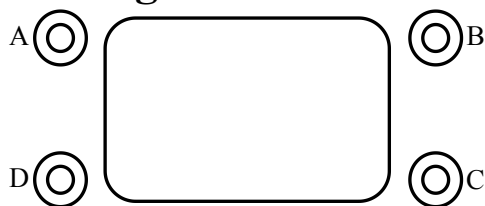
6x50W RGBW LED MATRIX LIGHT



User Manual

1. LCD Display Window Function Comparison Table

Diagram section:



A: Menu key B: plus key C: minus key D: confirm

2.LCD display window function comparison table.

number	main menu	Submenu		Function Description
1	DMX ADDRESS	Address: 001 - 512		Channel address code (001-512)
2	CHANNEL MODE	CH Mode: 13/29CH		channel select
3	CCT MODE	CCT 2000K-8000K		COLOR TEMPERATURE
4	COLOR MODE	Hue 0-360°		Hue color ring
5	MANUAL MODE	FROST	0-255	Frost
		DIMMER	0-255	Total dimming
		STROBE	0-255	Strobe
		RED	0-255	red
		GREEN	0-255	green
		BLUE	0-255	blue
		WHITE	0-255	white
		EFFECT	0-23	effect
		SPEED	0-255	Effect speed
6	AUTO TEST			Lamp testing
7	SETTING	M-S	HOST	Master-slave
			GUEST	slave machines
		LIGHT UP	0-15	Light point setting
		NEGATION	Yes/No	Lamp reversed
		FREQ	16000Hz 32000Hz	PWM refresh rate
		DIM MODE	8Bit 16Bit	Dimming mode
				quick mode
				slow mode
		SPEED	0-255	Dimming speed (And it is useful when the dimming mode is 16 bits)
		CURVE	Linear Square F-Square S-Line	Dimming curve
				linear
				square
				Inverse square
				S line
		UNIT	°C °F	Celsius
				Fahrenheit degree
		SATTUS	HOLD/OFF	OFF dmx512 segment signal not maintained (the light enters the off state after the segment signal) Default value (OFF)
				HOLD dmx512 segment signal hold (the light remains in the state before the segment signal after the segment signal)
		SCREEN	ON/OFF	OFF display screen backlight is

				always on
				After turning on the backlight of the display screen for 30 seconds, enter the screensaver Default value (ON)
			LOCK	ON/OFF Password lock default value OFF (password: ABCD)
			FAN	Control LongTurn Fan controlled
			RESET	Yes/No Fan running normally reset
8	INFO	FIXTURE HRS		Equipment usage time
		TEMP		Current temperature (Long press the confirm button to view)
		MAX TEMP		maximum temperature
		SOFTWARE VER.		Device version
		RDM UID		Device UID

Press and hold for about 10 seconds on the DMX address page to enter

Root	display	range	Function Description
1	Current R:170	020--255	R-color current
2	Current G:195	020--255	G-color current
3	Current B:195	020--255	B-color current
4	Current W:255	020--255	W-color current
5	Power D:155	050--255	Total power limit
6	Push YSE/NO	YSE/NO	NO (Host backend setting parameter) does not push default values to the slave (NO)
			YSE host pushes to slave for updating slave backend parameters
7	Temp D:60	40--70	Temperature protection point
8	R-Pos D:0	020--255	R Pos
9	G-Pos D:1	020--255	G Pos
10	B-Pos D:2	020--255	B Pos
11	W-Pos D:3	020--255	W Pos

3. DMX512 13 channel description

Serial Number	Channel value	description
1	000-010	Function settings(5 seconds)
	011-020	NO FUNCTION
	021-030	Dimming curve: linear
	031-040	Dimming curve: square
	041-050	Dimming curve: inverse square
	051-060	Dimming curve: S-line
	061-070	Dimming frequency: 16000Hz
	071-080	Dimming frequency: 32000Hz
	081-090	Dimming bit: 8-bit (fast mode)
	091-100	Dimming bit: 16 bits (soft mode)
	101-110	Dimming speed: fast (effective at 16 bits)
	111-120	Dimming speed: medium speed (effective at 16 bits)
	121-130	Dimming speed: slow (effective at 16 bits)
	131-140	Dimming speed: extremely slow
	141-150	Lamp reversed: No
	151-255	Lamp reversed: Yes
		Restore factory settings
2	000-255	Atomization 0% -100%
3	000-005	Flicker
	006-055	NO FUNCTION
	056-105	Ordinary strobe light
	106-155	Slow open, fast close
	156-205	Open quickly, close slowly
	206-255	Slow opening, slow closing
		Lightning special effects
4	000-255	Dimming 0% to 100%
5	000-255	dimmer fine
6	000-255	White 0% -100%
7	000-255	Red 0% -100%
8	000-255	Green 0% -100%
9	000-255	Blue 0% -100%
10		CCT 2000K-8000K
	000-004	2000K-2100K
	004-008	2100K-2200K
	008-012	2200K-2300K
	012-017	2300K-2400K
	017-021	2400K-2500K
	021-025	2500K-2600K
	025-029	2600K-2700K
	029-034	2700K-2800K
	034-038	2800K-2900K
	038-042	2900K-3000K
	042-046	3000K-3100K

046-051	3100K-3200K
051-055	3200K-3300K
055-059	3300K-3400K
059-063	3400K-3500K
063-068	3500K-3600K
068-072	3600K-3700K
072-076	3700K-3800K
076-080	3800K-3900K
080-085	3900K-4000K
085-089	4000K-4100K
089-093	4100K-4200K
093-097	4200K-4300K
097-102	4300K-4400K
102-106	4400K-4500K
106-110	4500K-4600K
110-114	4600K-4700K
114-119	4700K-4800K
119-123	4800K-4900K
123-127	4900K-5000K
127-131	5000K-5100K
131-136	5100K-5200K
136-140	5200K-5300K
140-144	5300K-5400K
144-148	5400K-5500K
148-153	5500K-5600K
153-157	5600K-5700K
157-161	5700K-5800K
161-165	5800K-5900K
165-170	5900K-6000K
170-174	6000K-6100K
174-178	6100K-6200K
178-182	6200K-6300K
182-187	6300K-6400K
187-191	6400K-6500K
191-195	6500K-6600K
195-199	6600K-6700K
199-204	6700K-6800K
204-208	6800K-6900K
208-212	6900K-7000K
212-216	7000K-7100K
216-221	7100K-7200K
221-225	7200K-7300K
225-229	7300K-7400K
229-233	7400K-7500K
233-238	7500K-7600K
238-242	7600K-7700K
242-246	7700K-7800K

	246-250 250-255	7800K-7900K 7900K-8000K
11	000-009 010-016 017-023 024-030 031-037 038-044 045-051 052-058 059-065 066-072 073-079 080-086 087-093 094-100 101-107 108-114 115-121 122-128 129-135 136-142 143-149 150-156 157-163 164-170 171-177 178-184 185-191 192-198 199-205 206-212 213-219 220-226 227-233 234-255	Built in color NO FUNCTION LEE 790 - Moroccan Pink LEE 157 - Pink LEE 332 - Special Rose Pink LEE 328 - Follies Pink LEE 345 - Fuchsia Pink LEE 194 - Surprise Pink LEE 181 - Congo Blue LEE 071 - Tokyo Blue LEE 120 - Deep Blue LEE 079 - Just Blue LEE 132 - Medium Blue LEE 200 - Double CT Blue LEE 161 - State Blue LEE 201 - Full CT Blue LEE 202 - Half CT Blue LEE 117 - Steel Blue LEE 353 - Lighter Blue LEE 118 - Light Blue LEE 116 - Medium Blue Green LEE 124 - Dark Green LEE 139 - Primary Green LEE 089 - Moss Green LEE 122 - Fern Green LEE 738 - JAS Green LEE 088 - Lime Green LEE 100 - Spring Yellow LEE 104 - Deep Amber LEE 179 - Chrome Orange LEE 105 - Orange LEE 021 - Gold Amber LEE 778 - Millennium Gold LEE 135 - Deep Gold Amber LEE 164 - Flame Red
12	000-255	Built in effects
13	000-127 128-255	Built in effect speed From slow to fast (no fade out effect) From slow to fast (fade out effect)

4. DMX512 29 channel description

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1	000-010	Function settings(5 seconds)
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	031-040	Dimming curve: square
	041-050	Dimming curve: inverse square
	051-060	Dimming curve: S-line
	061-070	Dimming frequency: 16000Hz
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	081-090	Dimming bit: 8-bit (fast mode)
	091-100	Dimming bit: 16 bits (soft mode)
	101-110	Dimming speed: fast (effective at 16 bits)
	111-120	Dimming speed: medium speed (effective at 16 bits)
	121-130	Dimming speed: slow (effective at 16 bits)
	131-140	Dimming speed: extremely slow
	141-150	Lamp reversed: No
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	206-255	Slow opening, slow closing
4	000-255	Lightning special effects
4	000-255	Dimming 0% to 100%
5	000-255	dimmer fine
6	000-255	White1 0% -100%
7	000-255	Red1 0% -100%
8	000-255	Green1 0% -100%
9	000-255	Blue1 0% -100%
10	000-255	White2 0% -100%
11	000-255	Red2 0% -100%
12	000-255	Green2 0% -100%
13	000-255	Blue2 0% -100%
14	000-255	White3 0% -100%
15	000-255	Red3 0% -100%
16	000-255	Green3 0% -100%
17	000-255	Blue3 0% -100%
18	000-255	White4 0% -100%
19	000-255	Red4 0% -100%
20	000-255	Green4 0% -100%
21	000-255	Blue4 0% -100%

22	000-255	White5 0% -100%
23	000-255	Red5 0% -100%
24	000-255	Green5 0% -100%
25	000-255	Blue5 0% -100%
26	000-255	White6 0% -100%
27	000-255	Red6 0% -100%
28	000-255	Green6 0% -100%
29	000-255	Blue6 0% -100%

TECHNICAL PARAMETER:

Power supply:

- Input voltage: AC 110V-240V 50/60Hz
- Rated power: 300W

optics

- Light source: 6X50W 4 in 1 RGBW LED
- Beam Angle: 60°
- Average life: 50000 H

colour

- Uniform RGBW color mixing system and rainbow effect
- Create infinite movement, infinite color changes

effect

- 15 built-in programs to choose from
- Fast electronic stroboscopic 1-20 Hz
- Dimming mode: four

Control and programming

- Control channel: Two modes (13/29CH)

- **Control:** Standard DMX512, RDM
- **Data connection:** waterproof 3 pin/ 5pin XLR input/output
- **Display:** LCD display

software

- **Update software via DMX signal for quick and easy upgrade**
- **Temperature intelligent protection to ensure the service life of LED**

Light body structure and heat dissipation

- **Aluminum alloy structure**
- **Fans heat dissipation**
- **Supports seamless tiling in both horizontal and vertical configurations, enabling flexible array assembly and unlocking unlimited possibilities for stage lighting and scenic design.**

other

- **Protection level:** IP65
- **Working environment:** -40℃ ~ 45℃
- **Starting environment:** -20℃ ~ 45℃

Size and Weight

- **Size:** 500×100×218mm
- **Net weight:** 6.6kgs