

LED MATRIX USER MASUAL



Specification:

Model NO.:W2512

IP Rating:IP20

Voltage:AC110--240V,50-60Hz

Power consumption: 400w

Light Source: CREE RGBW LEDs 25*12watt

Control mode: Dmx512、 Master-Slave and Stand-Alone、 automatic。

DMX Channels:16/37/112 channel

Exterior colors: Black

Pan/tilt :no limited

Led Controll:

Moving-head operated vida either 16 bit resolution

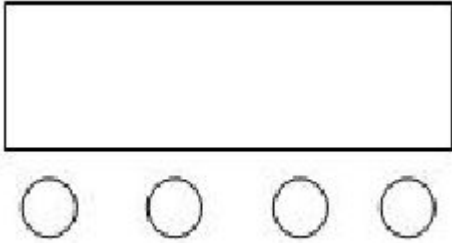
Strobe:Adjustable Speed Strobe automatic

Dynamic Color Macro Effect with variable speed
control panel, with LCD display and 4 buttons

Application:Concert, Club, Stage

N.W:15KG

1. Press Buttons:



A

- A. Functions button
- B. Plus button
- C. Subtract button
- D. Enter button
- E. LED display

Operating Instructions: Press function button A will show 8 kinds of different effect. Press button B or C could adjust the information. Press button D to enter.

2. LED CRT display window function (All the please press Button D is ok)

CH	Display	Fuction
1	DMX-16 MODE channel D: 001	14 address code, (001—512) B、C buttons plus or subtract the value of address code.
2	DMX37 MODE channel D: 001	35 address code, (001—512) B、C buttons plus or subtract the value of address code.
3	DMX112 MODE channel D: 001	110 address code, (001—512) B、C buttons plus or subtract the value of address code.
4	Color Cycle Speed 50	7 color jump, (01—99) B、C buttons to adjust the speed of jump
5	Gradual change Speed 50	7 color gradients, (01—99) B、C buttons to adjust the speed of gradients
6	Pulse change Speed 50	7 color pulse, (01—99) B、C buttons to adjust the speed of pluse
7	Color Run M 00 Sp 50	Running, (01—99) B、C buttons to adjust the pattern/speed of running
8	Color Voice Mood 00	adjust the speed of sound control B、C buttons to adjust the pattern of sound
9	Color Red Speed 200	Red color, (000—255) B、C buttons to adjust the color code
10	Color Green Speed 200	Green color, (000—255) B、C buttons to adjust the color code
11	Color Blue Speed 200	Blue color, (000—255) B、C buttons to adjust the color code

12	Color White Speed 200	White color, (000—255) B、C buttons to adjust the color code
13	Slave 25Eye Slave	Slave
14	Restore Factory Yes ?	yes

3. DMX512 16CH

CH	fuction	description
1	0-255	Pan motor
2	0-255	Tilt motor
3	0-255	Pan fine (16Bit)
4	0-255	Tilt fine (16Bit)
5	0-255	0--4: ; 5--130: pan Clockwise (from slow to fast); 131--255: pan turn counterclockwise (from fast to slow);
6	0-255	0--4: ; 5--130: tilt Clockwise (from slow to fast); 131--255: tilt (from fast to slow);
7	0-255	Pan/tilt motor speed from fast to slow
8	full dimming	R、G、B、W full dimming, linearly dimming, from dark to light
9	full strobe	R、G、B、W full strobe , from slow to fast
10	Fuction choose	0--24: DMX 14channels controll; 25--30: color choose (motor controlled by DMX512); 31--36: JUMP (motor controlled by DMX512); 37--42: gradients. pluse (motor controlled by DMX512); 43--46: running Pattern1 (motor controlled by DMX512); 47--50: running Pattern2 (motor controlled by DMX512); 129--132: running Pattern2/3 (motor controlled by DMX512); 133--138: sound (motor controlled by DMX512); 139--144: color choose (motor run self program); 145--150: jump (motor run self program); 151--156: gradients. pluse (motor run self program); 157--160: running Pattern1 (motor run self program); 161--164: running Pattern2 (motor run self program); 244--248: running Pattern23 (motor run self program); 249--255: sound (motor run self program);
11	Fuction choose2	0--5: DMX 14ch controll; 6--130: static Patterns 126 choose (motor run self program); 131--255: static Patterns 126 choose (motor run self program);
12	Fuction speed1	Speed of fuction. From slow to fast
	Fuction speed2	0--31: Fixed pattern direction1; 32--63: Fixed pattern direction2; 64--95: Fixed pattern direction3; 96--126: Fixed pattern direction4; 127--195: pattern run Clockwise,from slow to fast 196--255: pattern run counterclockwise ,from slow to fast

13	R dimmer	R dimming, linearly dimming, from dark to light
14	G dimmer	G dimming, linearly dimming, from dark to light
15	B dimmer	B dimming, linearly dimming, from dark to light
16	W dimmer	W dimming, linearly dimming, from dark to light

4. DMX512 37CH

CH	Fuction	Description
1	0-255	Pan motor
2	0-255	Tilt motor
3	0-255	Pan fine (16Bit)
4	0-255	Tilt fine (16Bit)
5	0-255	0--4: 5--130: pan Clockwise (from slow to fast); ; 131--255: pan turn counterclockwise (from fast to slow);
6	0-255	0--4: 5--130: tilt Clockwise (from slow to fast); 131--255: Tilt turn counterclockwise (from fast to slow);
7	0-255	Pan/tilt motor speed from fast to slow
8	full dimming	R、G、B、W full dimming, linearly dimming, from dark to light
9	full strobe	R、G、B、W full strobe , from slow to fast
10	Fuction choose1	0--24: DMX 35channels controll; 25--30: color choose (motor controlled by DMX512); 31--36: JUMP (motor controlled by DMX512); 37--42: gradients. pluse (motor controlled by DMX512); 43--46: running Pattern1 (motor controlled by DMX512); 47--50: running Pattern2 (motor controlled by DMX512); 129--132: running Pattern23 (motor controlled by DMX512); 133--138: sound (motor controlled by DMX512); 139--144: color choose (motor controlled by DMX512); 145--150: JUMP (motor controlled by DMX512); 151--156: gradients. pluse (motor controlled by DMX512); 157--160: running Pattern1 (motor controlled by DMX512); 161--164: running Pattern2 (motor controlled by DMX512); 244--248: running Pattern23 (motor controlled by DMX512); 249--255: sound (motor controlled by DMX512);
11	Fuction choose1	0--5: DMX 35ch controll; 6--130: static Patterns 126 choose (motor controlled by DMX512) 131--255: static Patterns 125 choose (motor run self program);
12	Fuction speed1	Speed of fuction. From slow to fast
	Fuction speed2	0--31: Fixed pattern direction1; 32--63: Fixed pattern direction2; 64--95: Fixed pattern direction3; 96--126: Fixed pattern direction4; 127--195: pattern run Clockwise,from slow to fast 196--255: pattern run counterclockwise ,from slow to fast
13	1dimmer	R、G、B、Wdimmer
14	2dimmer	R、G、B、Wdimmer
15	3dimmer	R、G、B、Wdimmer

16	4dimmer	R、G、B、Wdimmer
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37	25dimmer	R、G、B、Wdimmer

4. DMX512 112CH

CH	Fuction	description
1	0-255	Pan motor
2	0-255	Tilt motor
3	0-255	Pan fine (16Bit)
4	0-255	Tilt fine (16Bit)
5	0-255	0--4: no 5--130: pan Clockwise (from slow to fast); 131--255: pan turn counterclockwise (from fast to slow);
6	0-255	0--4: no 5--130: tilt Clockwise (from slow to fast); 131--255: tilt turn counterclockwise (from slow to fast);
7	0-255	Pan/tilt motor speed from fast to slow
8	full dimming	R、G、B、W full dimming, linearly dimming, from dark to light
9	full strobe	R、G、B、W full strobe , from slow to fast
10	Fuction choose1	0--24: DMX 112channels controll; 25--30: color choose (motor controlled by DMX512); 31--36: JUMP (motor controlled by DMX512); 37--42: gradients. pluse (motor controlled by DMX512); 43--46: running Pattern1 (motor controlled by DMX512); 47--50: running Pattern2 (motor controlled by DMX512); 129--132: running Pattern23 (motor controlled by DMX512); 133--138: sound (motor controlled by DMX512); 139--144: color choose (motor run self program); 145--150: jump (motor run self program); 151--156: gradients. pluse (motor run self program); 157--160: running Pattern1 (motor run self program); 161--164: running Pattern2 (motor run self program); 244--248: running Pattern23 (motor run self program); 249--255: sound (motor run self program);
11	Fuction choose2	0--5: DMX 110ch controll; 6--130: static Patterns 126 choose (motor run self program); 131--255: static Patterns 126 choose (motor run self program);
12	Fuction speed1	Speed of fuction. From slow to fast
	Fuction speed1	0--31: Fixed pattern direction1; 32--63: Fixed pattern direction2; 64--95: Fixed pattern direction3; 96--126: Fixed pattern direction4; 127--195: pattern run Clockwise,from slow to fast 196--255: pattern run counterclockwise ,from slow to fast
13	R1dimmer	R1 dimming, linearly dimming, from dark to light

14	G1dimmer	G1 dimming, linearly dimming, from dark to light
15	B1dimmer	B1dimming, linearly dimming, from dark to light
16	W1dimmer	W1dimming, linearly dimming, from dark to light
17	R2dimmer	R2dimming, linearly dimming, from dark to light
18	G2dimmer	G2dimming, linearly dimming, from dark to light
19	B2dimmer	B2dimming, linearly dimming, from dark to light
20	W2dimmer	W2dimming, linearly dimming, from dark to light
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112	W25dimmer	W25dimming, linearly dimming, from dark to light

5 . Operation is very simple, humanized design, dimming flicker- free, dithering phenomenon, etc It can adapt to photography, television which had strict requirements about the lights

Guangzhou Xuanyi Lighting Co., Ltd.