

MATRIX 4*4

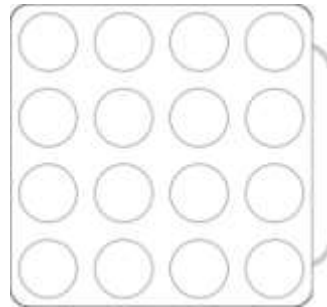
User Manual

Please read the manual before operation.

A. SPECIFICATION

1. Voltage: AC 100V-240V, 50Hz/60Hz
2. Power consumption: 155W
3. LED: 16*Tri-9W RGB
4. Beam angle: 55°
5. DMX channels: 2, 3, 5, 12, 24, 48CH
6. Operation mode: LCD display
7. Working temperature: -10°C~40°C
8. Dimension: 340*340*105mm
9. Net weight: 6.5kgs
10. DMX linking: 30pcs
11. Power linking: 5pcs/110V, 11pcs/240V
12. Lumen:

R	305lux@2m
G	434lux@2m
B	535lux@2m
FULL	1160lux@2m



B. OPERATION

This fixture has six working modes, press the “MODE” button can switch the modes.

- Auto running
- Built-in programs
- DMX mode
- Master/slave
- Sound-active
- Static color

1. Built-in Programs Mode

- 1) Press “MODE” button to enter into built-in programs mode menu “RUN PROGRAM: 01SP:080 FS:000”;

- 2) Press “SETUP” button to enter operation programs select the menu “RUN PROGRAM: 01”;
- 3) Press “UP” or “DOWN” button to select the operation programs effect “RUN PROGRAM: 01-RUN PROGRAM:25”;
- 4) Press “SETUP” button to enter into setup the programs operation speed menu “SP: 080”;
- 5) Press “UP” or “DOWN” button to set the speed value “SP: 001 – SP: 100”;
- 6) Press “SETUP” button to enter into setup the strobe programs operation menu “FS: 000”;
- 7) Press “UP” or “DOWN” button to set the strobe value “FS: 000 - FS:100”;

2. Auto Running Mode

- 1) Press “MODE” button to enter into auto running mode menu “AUTO times: 001 SP: 080 FS: 000”;
- 2) Press “SETUP” button to enter into setup menu of the auto running programs time “AUTO times: 001”;
- 3) Press “UP” or “DOWN” button to set up the auto running programs time value “times: 001-times: 100”;
- 4) Press “SETUP” button to enter into speed menu of setup auto running programs “SP: 080”;
- 5) Press “UP” or “DOWN” button to set the speed value “SP : 001 – SP: 100”;
- 6) Press “SETUP” button to enter into strobe menu of auto running programs “FS: 000”;
- 7) Press “UP” or “DOWN” button to setup the strobe value “FS: 000 - FS: 100”;

3. Sound-active Mode

- 1) Press “MODE” button to enter into sound-active running mode “SOUND TRIGGER sensitivity: 20”;
- 2) Press “UP” or “DOWN” button to set the sound-active mode sensitivity value “sensitivity: 00 – sensitivity: 31”;

4. DMX Mode

- 1) Press “MODE” button to enter into DMX mode menu “DMX address: 001 channel: 02 CHs”;
- 2) Press “SETUP” button to enter into to setup the DMX address value “address: 001”;
- 3) Press “UP” or “DOWN” button to setup the DMX address value “address: 001 – address: 512”;
- 4) Press “SETUP” button to enter into DMX working mode menu “channels: 02 CHs”;
- 5) Press “UP” or “DOWN” button to setup the DMX working mode: “02 CHs”, “03 CHs”, “05 CHs”, “12 CHs”, “24 CHs”, “48 CHs”;

DMX Mode 1: 02 CHs

CH1			CH2
NO.	Value	FUNCTION	
1	0	OFF	--
2	1—7	R	
3	8—15	RG	
4	16—23	G	
5	24—31	GB	
6	32—39	B	
7	40—47	RB	
8	48—55	RGB	
9	56—63	PROGRAM01	SPEED 0—255
10	64—71	PROGRAM02	
11	72—79	PROGRAM03	

12	80—87	PROGRAM04		
13	88—95	PROGRAM05		
14	96—103	PROGRAM06		
15	104—111	PROGRAM07		
16	112—119	PROGRAM08		
17	120—127	PROGRAM09		
18	128--135	PROGRAM10		
19	136—143	PROGRAM11		
20	144—151	PROGRAM12		
21	152—159	PROGRAM13		
22	160—167	PROGRAM14		
23	168—175	PROGRAM15		
24	176—183	PROGRAM16		
25	184—191	PROGRAM17		
26	192—199	PROGRAM18		
27	200--207	PROGRAM19		
28	208—215	PROGRAM20		
29	216—223	PROGRAM21		
30	224—131	PROGRAM22		
31	232—239	PROGRAM23		
32	240—247	PROGRAM24		
33	248—255	SOUND		Sensitivity 0—255

DMX Mode 2: 03 CHs

CH1	CH2	CH3
Red	Green	Blue

DMX Mode 3: 05 CHs

CH1	CH2	CH3	CH4	CH5
Red 0-255	Green 0-255	Blue 0-255	Dim 0-255	Flash 0-255

DMX Mode 4: 12 CHs

CH1	CH2	CH3	CH4	CH5	CH6
Red 1	Green 1	Blue 1	Red 2	Green 2	Blue 2
CH7	CH8	CH9	CH10	CH11	CH12
Red 3	Green 3	Blue 3	Red 4	Green 4	Blue 4

DMX Mode 5: 24 CHs

CH1	CH2	CH3	CH4	CH5	CH6
Red 1	Green 1	Blue 1	Red 2	Green 2	Blue 2
CH7	CH8	CH9	CH10	CH11	CH12
Red 3	Green 3	Blue 3	Red 4	Green 4	Blue 4

CH13	CH14	CH15	CH16	CH17	CH18
Red 5	Green 5	Blue 5	Red 6	Green 6	Blue 6
CH19	CH20	CH21	CH22	CH23	CH24
Red 7	Green 7	Blue 7	Red 8	Green 8	Blue 8

DMX Mode 6 : 48 CHs

CH1	CH2	CH3	CH4	CH5	CH6
Red 1	Green 1	Blue 1	Red 2	Green 2	Blue 2
CH7	CH8	CH9	CH10	CH11	CH12
Red 3	Green 3	Blue 3	Red 4	Green 4	Blue 4
CH13	CH14	CH15	CH16	CH17	CH18
Red 5	Green 5	Blue 5	Red 6	Green 6	Blue 6
CH19	CH20	CH21	CH22	CH23	CH24
Red 7	Green 7	Blue 7	Red 8	Green 8	Blue 8
CH25	CH26	CH27	CH28	CH29	CH30
Red 9	Green 9	Blue 9	Red 10	Green 10	Blue 10
CH31	CH32	CH33	CH34	CH35	CH36
Red 11	Green 11	Blue 11	Red 12	Green 12	Blue 12
CH37	CH38	CH39	CH40	CH41	CH42
Red 13	Green 13	Blue 13	Red 14	Green 14	Blue 14
CH43	CH44	CH45	CH46	CH47	CH48
Red 15	Green 15	Blue 15	Red 16	Green 16	Blue 16

5. Master/slave Mode

Press “MODE” button to enter into master/slave mode “SLAVE MODE=====”.

6. Static Color

- 1) Press “MODE” button to enter into static color mode “STATIC COLOR R255 G255 B255 ”;
- 2) Press “SETUP” button, enter into red brightness settings menu “R255”;
- 3) Press “UP” or “DOWN” button to set the red brightness “R000 - R255”;
- 4) Press “SETUP” button, enter into the green brightness settings menu “G255”;
- 5) Press “UP” or “DOWN” button to set the green brightness “G000 - G255”;
- 6) Press “SETUP” button to enter into red brightness settings menu “B255”;
- 7) Press “UP” or “DOWN” to set the red brightness “B000 - B255”;

NOTE:

The LCD display will be darkened (no display)if there is no button operation in 20 seconds. The LCD display will show the current state if pressing any buttons and you could adjust the working mode.

12CHs

	1		2
	3		4

24CHs

1	2	3	4
1	2	3	4
5	6	7	8
5	6	7	8

48CHs

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16