

INVOLIGHT

COB Matrix 4*4, Tri-15W RGB



MATRIX4415

USER MANUAL

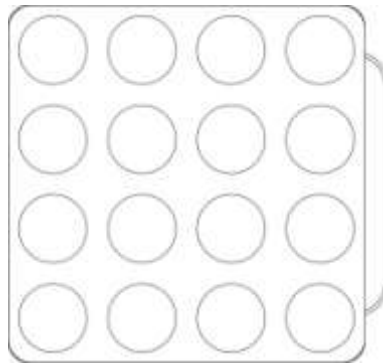
COB Matrix 4*4, Tri-15W RGB

User Manual

Please read the manual before operation.

A. SPECIFICATION

1. Voltage: AC 100V/240V, 50Hz/60Hz
2. Power consumption: 230W
3. LED: 16pcs*15W RGB
4. Control feature: DMX mode, auto running, built-in programs, sound-active, slave mode, static color
5. Operation mode: LCD display
6. DMX channels: 2, 3, 5, 12, 24, 48 CH
7. Beam angle: 55 degree
8. Working temperature: -10°C~+40°C
9. Lumen: R 500LUX@2M
G 530LUX@2M
B 630LUX@2M
RGB 1600LUX@2M
10. Power linking: 4pcs@110V, 8pcs@240V
11. Size: 363*340*148.5mm
12. Weight: 6.8 kgs



B. OPERATION

This series of product has rich effect programs, there are six working mode:

Built-in programs

Auto running

Sound-active

Slave mode

DMX mode

Static color

(When setup the program parameter, cursor stopped in these parameters; press the “UP” or “DOWN”, the parameters will correspond changes)

1. Built-in Programs Mode

- 1) Press the “MODE”, enter built-in programs mode menu “RUN PROGRAM:01 SP:080 FS:000”;
- 2) Press the “SETUP”, enter operation programs select the menu “RUN PROGRAM:01”;
- 3) Press the “UP” or “DOWN”, select the operation programs effect “RUN PROGRAM: 01 - RUN PROGRAM:

25”;

4) Press the “SETUP”, enter to setup the programs operation speed menu “SP: 080”;

5) Press the “UP” or “DOWN”, set the speed value “SP: 001 – SP: 100”;

6) Press the “SETUP”, enter to setup the strobe programs operation menu “FS: 000”;

7) Press the “UP” or “DOWN”, set the strobe value “FS:000 - FS:100”;

2. Auto Running Mode

1) Press the “MODE”, enter auto running mode menu “AUTO times: 001 SP: 080 FS: 000”;

2) Press “SETUP”, enter the setup menu of the auto running programs time “AUTO times: 001”;

3) Press the UP” or “DOWN”, to setup the auto running programs time value “times: 001 - times: 100”;

4) Press the “SETUP”, enter the speed menu of setup auto running programs “SP: 080”;

5) Press the “UP” or “DOWN”, set the speed value “SP : 001 – SP: 100”;

6) Press the “SETUP”, enter the strobe menu of auto running programs “FS: 000”;

7) Press the “UP” or “DOWN”, setup the strobe value “FS: 000 - FS:100”;

3. Sound-Active Mode

1) Press the “MODE, enter sound-active running mode “SOUND TRIGGER sensitivity: 20”;

2) Press the “UP” or “DOWN”, set the sound-active mode sensitivity value “sensitivity: 00 – sensitivity: 20”;

4. DMX Mode

1) Press the “MODE”, enter to DMX mode menu “DMX address: 001 channel: 02 CHs”;

2) Press the “SETUP”, enter to setup the DMX address value “address: 001”;

3) Press the “UP” or “DOWN”, setup the DMX address value “address: 001 – address: 512”;

4) Press the “SETUP”, enter to DMX working mode menu “channels: 02 CHs”;

5) Press the “UP” or “DOWN”, 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 the “MODE”, enter the master/slave operation mode “SLAVE MODE =====”.

6. Static Color

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

NOTE: if no button operation in 20 seconds, the display panel will darkened (disable display) ; in the state of display panel darken, press any button, will show the current state, in the display state, can adjust the working mode and operation state.

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