

INVoLIGHT

COB Matrix 5*5, Tri-9W RGB



MATRIX559

USER MANUAL

COB Matrix 5*5, Tri-3W

User Manual

Our COB light offers many possibilities to achieve very nice laser effects which you want. It is specially designed for the stages, disco, night clubs etc. Please read the manual before operation.

A. SPECIFICATION

1. Voltage: AC 100V~240V, 50Hz/60Hz
2. Power consumption: 240W
3. Current: 2.15A/110V, 1A/240V
4. Beam angle: 55 degree
5. LEDs : COB 25pcs 3-in-1
6. Working temperature: -10°C~40°C
7. DMX channels: 3, 5, 7 CH
8. DMX linking: 3-pin, 5-pin
9. Lumen:

R	405	lux@2m
G	682	lux@2m
B	750	lux@2m
RGB	1644	lux@2m
10. Power linking: 3pcs/110V, 7pcs/240V



B. OPERATION

There are six working modes to select: Press the “MODE” button can switch the working mode.

1. Built-in Programs Mode

- 1) Press the “MODE”, enter built-in programs mode menu “RUN PROGRAM: 01 1: R FS:000”; Press “UP” and “DOWN” to select the operation programs effect “RUN PROGRAM: 01 - RUN PROGRAM: 19”;
- 2) Press the “SETUP”, enter operation programs select the menu “RUN PROGRAM: 01”;
- 3) Press the “UP” or “DOWN”, enter to static color “1.R”; Press “UP” and “DOWN” to select “1.R”, “2.RG”, “3.G”, “4.GB”, “5.B”, “6.RB”, “7.RGB”, “8.OFF”. Press “SETUP” enter to set the strobe menu: FS:000, Press “UP” and “DOWN” to select the speed “FS:00-FS100”
- 4) When it is in “RUN PROGRAM: 02 - RUN PROGRAM: 19”, enter to setup the programs operation speed menu “SP: 092”; 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: 002 SP: 092 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: 092”;
- 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: 31”;
- 2) Press the “UP” or “DOWN”, set the sound-active mode sensitivity value “sensitivity: 00 – sensitivity: 31”;

4. DMX Mode

- 1) Press the “MODE”, enter to DMX mode menu “DMX address: 001 channel: 03 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: 03 CHs”;
- 5) Press the “UP” or “DOWN”, to setup the DMX working mode: “03 CHs”, “05 CHs”, “75 CHs”

DMX mode1: 3 CH

CH1			CH2	CH3
NO.	DMX value	FUNCTION	SPEED	FLASH
1	0	OFF	NO USE	NO USE
2	1—12	PROGRAM01	SPEED 0--255	FLASH 0--255
3	13—25	PROGRAM02		
4	26—38	PROGRAM03		
5	39—51	PROGRAM04		
6	52—64	PROGRAM05		
7	65—77	PROGRAM06		
8	78—90	PROGRAM07		
9	91—103	PROGRAM08		
10	104—116	PROGRAM09		
11	117—129	PROGRAM10		
12	130—142	PROGRAM11		
13	143—155	PROGRAM12		
14	156—168	PROGRAM13		
15	169—181	PROGRAM14		
16	182—194	PROGRAM15		
17	195—207	PROGRAM16		
18	208—220	PROGRAM17		
19	221—233	PROGRAM18		
20	234—255	SOUND	Sensitivity 0--255	NO USE

DMX mode2: 5 CH

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

DMX mode3: 75 CH

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
CH49	CH50	CH51	CH52	CH53	CH54
Red 17	Green 17	Blue 17	Red 18	Green 18	Blue 18
CH55	CH56	CH57	CH58	CH59	CH60
Red 19	Green 19	Blue 19	Red 20	Green 20	Blue 20
CH61	CH62	CH63	CH64	CH65	CH66
Red 21	Green 21	Blue 21	Red 22	Green 22	Blue 22
CH67	CH68	CH69	CH70	CH71	CH72
Red 23	Green 23	Blue 23	Red 24	Green 24	Blue 24
CH73	CH74	CH75			
Red 25	Green 25	Blue 25			

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 red 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 darkens, press any button, will show the current state, in the display state, can adjust the working mode and operation state.