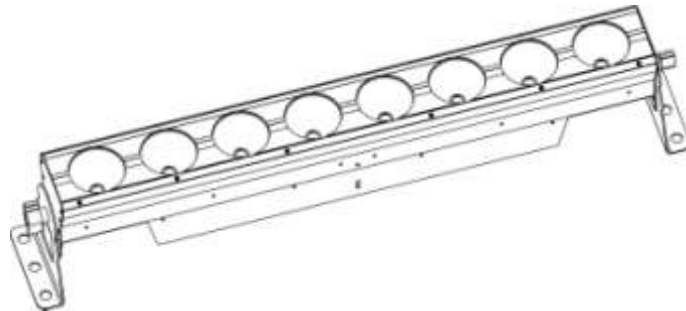# Pixel Bar, COB 8*15W RGB

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 and etc. Please read the manual before operation.

A. SPECIFICATION

1. Voltage: AC 100V/240V, 50Hz/60Hz
2. Power consumption: 120W
3. Current: 1.7A@110V, 0.8A@240V
4. LED: COB 8*15W RGB
5. Beam angle: 55 degree
6. Operation mode: LED display
7. Working environment: -10~40℃
8. DMX channels: 2,3, 5, 6, 12, 24CH
9. Working mode: DMX mode, master/slave mode, built-in programs mode, auto running mode, static color, sound-active mode
10. Lumen: R   300lux@2m
    G   340lux@2m
    B   410lux@2m
    RGB   1050lux@2m
11. Power linking: 4pcs@110V, 9pcs@240V

B. OPERATION

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

  ·built-in programs
  ·auto running
  ·sound-active
  ·DMX mode
  ·master/slave mode
  ·static color

1. Built-in Programs Mode

1) Press the "MODE", enter into built-in programs mode menu "Pr0 1";

Press the "UP" or "DOWN", select the operation programs effect "$Pr.01$ ~$Pr.24$".

2) Press the "SETUP", enter into the programs operation speed menu "$SP.80$";

   Press the "UP" or "DOWN", to set the speed value "$SP.00$~$SP.FL$ (SP100)".

3) Press the "SETUP", enter to set the programs operation strobe menu "$SP.00$";

   Press the "UP" or "DOWN", set the strobe value "$FS00$~$FSFL$ (FS100)".

2. Auto Running Mode

1) Press the "MODE", enter auto running mode menu "$AUTO$".

2) Press the "SETUP", enter into the speed menu of auto running programs "$SP.80$";

   Press the "UP" or "DOWN", to set the speed value "$SP01$~$SPFL$ (SP100)".

3) Press the "SETUP", enter into strobe menu of auto running programs "$FS00$";

   Press the "UP" or "DOWN", to set the strobe value "$FS00$~$FSFL$ (FS100)".

4) Press the "SETUP", enter into the auto running programs operation time menu "$n001$";

   Press the "UP" or "DOWN", set the auto running programs operation time value "$n001$~$n100$".

3. Sound-active Mode

1) Press the "MODE", enter into sound-active mode "$SU20$";

2) Press the "UP" or "DOWN", to set the sound-active sensitivity value "$SU00$–$SU31$".

4. DMX Mode

1) Press the "MODE", enter auto running mode menu "$d001$".

2) Press the "UP" or "DOWN", set the DMX address value $d001$~$d512$.

3) Press the "SETUP", enter to set the DMX working mode menu "$2-ch$".

4) Press the "UP" or "DOWN" select the DMX working mode $2-ch, 3-ch, 5-ch, 6-ch, 12.Ch, 24.Ch$.

DMX mode 1: $2-ch$

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: ∃-ch

CH1	CH2	CH3
Red	Green	Blue

DMX mode 3: 5-ch

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

DMX mode 4: 6-ch

CH1	CH2	CH3	CH4	CH5	CH6
Red 1	Green 1	Blue 1	Red 2	Green 2	Blue 2

DMX mode 5: 12.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

DMX mode 6: 24Ch.

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

5. Master/slave Mode

Press the "MODE", enter into master/slave mode "SLAv".

6. Static Color

1) Press the "MODE", enter into static color mode "clor".

2) Press the "SETUP", enter into the red brightness setting menu "$r255$";

　　Press the "UP" or "DOWN", to set the red brightness "$r000 \sim r255$".

3) Press the "SETUP", enter into the green brightness setting menu "$G255$";

　　Press the "UP" or "DOWN", to set the green brightness "$G000 \sim G255$".

4) Press the "SETUP", enter into the blue brightness setting men "$b255$";

　　Press the "UP" or "DOWN", to set the blue brightness "$b000 \sim b255$".

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.