

TOP-MBAR-RGBW

Two Sections Linear Beam Bar, CREE 4-in-1 10W

User Manual

Our DMX LED Beam Bar offers many possibilities to achieve the effects which you want. It is specially designed for the stages, disco, night clubs etc, even the building halls. Please read the manual before operation

A. SPECIFICATION

1. Power input: AC 100V-240V, 60Hz/50Hz
2. Wattage: 110W
3. LEDs: 8*10W CREE 4-in-1
4. Beam angle: 3 degrees
5. Selectable 1,36, 40 DMX channels
6. Weight: 8.7 kg
7. Size: 1065*95*177mm
8. Power linking: 9pcs@240V, 4pcs@110V
9. Control mode: LCD0802

B. Photometric Chart

(will come out soon)

C. OPERATION

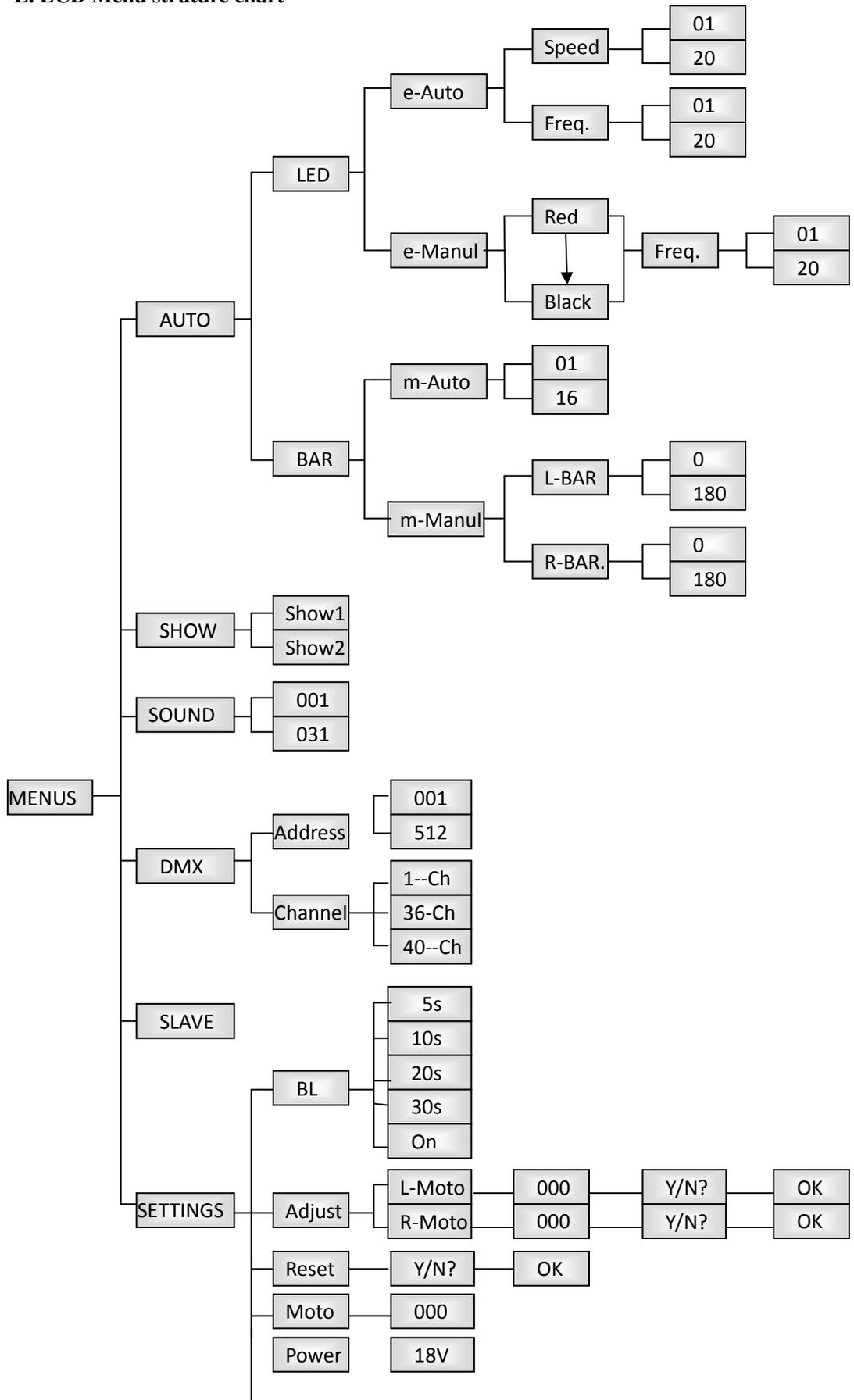
There are many types of lighting effects for this fixture, there are five working modes:

- Auto running
- Build-in program
- Sound-active mode
- DMX mode
- Slave mode

D. Button function

Button	Function	Description
MODE	Enter the next mode/return to the last menu	In main menu, press to enter next mode; In submenu, press to return to last menu
SETUP	enter the next menu/confirm	
UP	Plus 1 : the last menu/ the next mode	In parameter setting, press to add one In option menu, press to return to last menu In mode menu, press to enter next mode
DOWN	Subtract 1 : the next menu/the last mode	In parameter setting, press to subtract one In option menu, press to return to next menu In mode menu, press to enter last mode

E. LCD Menu struture chart





1. Auto running

When the display shows:



The light will run as the program which had been set. Press “SETUP” button to enter into the optional menu. Press “UP” and “DOWN” to choose the optional which need to set the parameter as below :



1) LED function

When choose “led”, and press “SETUP” enter to LED auto running parameter setting. The option with black marks is selected.

You could choose e-Auto (LED auto running) or e-Manul (manual adjust the LED)



When choose “e-Auto”, press “SETUP” button enter the menu



Press “UP” and “DOWN” to select the parameter. When choose “Speed”, press setup to choose the speed menu of the auto running.



Press “UP” and “DOWN” to adjust the auto running speed from 01-20

When choose “Freq.”, press “SETUP” to set the flash speed.



Press “UP” and “DOWN” to adjust the flash speed 00-20Hz

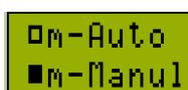
When choose “e-Manul”, press the “SETUP” to choose the LED single color, press the “UP” or “DOWN” to change the single color.

Press the “SETUP” again to set the LED flash frequency, press the “UP” or “DOWN” to change the flash frequency value.

2) Bar function

Choose “Bar”, press the “SETUP” to set the parameter.

You could choose m-Auto (bar auto running mode) and m-Manul (manual to adjust the bar position).



When you choose “m-Auto”, press “SETUP” to set the bar speed 01-16



When you choose “m-Manul”, the bar stops rotating. Press “SETUP” to set the Bar lock position



Choose “L-BAR”, press “SETUP” to set the left bar position through “UP” and “DOWN” When it is 90 ° , the bar is in the horizontal position. The same method to set the right bar.



2. Build-in program

When display shows this menu, it enter to the build-in program



Press “SETUP” to enter the build-in programs. There are 10 programs inside. Press “UP” and “DOWN” to choose the built-in program from Show1 –Show10(the built-in program is pre-set and can not be reset)



3. Sound-active Mode

When display shows this menu, enter the sound-active mode.



Press “SETUP” enters the menu of adjust the sound sensitivity. Press “UP” and “DOWN” to adjust the sensitive value from 0-31



4. DMX Mode

When display shows this menu, enter the DMX mode.



Press “SETUP” enter the main menu. Press the “UP” or “DOWN” to choose the option.



When choose “Address”, press the “SETUP” enter the address menu, set the DMX address 1-512 through “UP” and “DOWN”.

Address
001

When choose “Channel”,press “SETUP” enter to set the channel through “UP” and “DOWN”.
There are three channels: 1-ch, 36-ch, and 40-ch (choose 36-ch to restore factory settings)

This product has automatic identification functions. Once receive DMX signal, the fixture will enter the DMX mode. Once the signal disappear, the fixture will return the previous mode.

DMX In
.....

When LCD shows DMX In
....., it means it enter the DMX mode.

DMX Mode 1:

1-ch		
Channel	Number	Function
1	0--19	LED close, electronic machine return to the horizontal position
	20-29	Built-in program Show1
	30-39	Built-in program Show2
	40-49	Built-in program Show3
	50-59	Built-in program Show4
	60-69	Built-in program Show5
	70-79	Built-in program Show6
	80-89	Built-in program Show7
	90-99	Built-in program Show8
	100-109	Built-in program Show9
	110-119	Built-in program Show10
	120-139	LED close, electronic machine return to the horizontal position
	140-255	Sound active, the sensitivity will be higher when the value is larger.

DMX Mode 2: 36-ch

36-ch		
Channel	Value	Function
1	0--180	Left BAR 0-180°(90° horizontal)
	180-255	Left BAR 180°
2	0-255	Left BAR speed, the speed is faster when the No. is larger.
3	0-180	Right BAR 0-180°(90° horizontal)
	180-255	Right BAR 180°
4	0-255	Right BAR speed, the speed is faster when the No. is larger.

5	0-255	LED1 R 0-100%
6	0-255	LED1 G 0-100%
7	0-255	LED1 B 0-100%
8	0-255	LED1 W 0-100%
9	0-255	LED2 R 0-100%
10	0-255	LED2 G 0-100%
11	0-255	LED2 B 0-100%
12	0-255	LED2 W 0-100%
13	0-255	LED3 R 0-100%
14	0-255	LED3 G 0-100%
15	0-255	LED3 B 0-100%
16	0-255	LED3 W 0-100%
17	0-255	LED4 R 0-100%
18	0-255	LED4 G 0-100%
19	0-255	LED4 B 0-100%
20	0-255	LED4 W 0-100%
21	0-255	LED5 R 0-100%
22	0-255	LED5 G 0-100%
23	0-255	LED5 B 0-100%
24	0-255	LED5 W 0-100%
25	0-255	LED6 R 0-100%
26	0-255	LED6 G 0-100%
27	0-255	LED6 B 0-100%
28	0-255	LED6 W 0-100%
29	0-255	LED7 R 0-100%
30	0-255	LED7 G 0-100%
31	0-255	LED7 B 0-100%
32	0-255	LED7 W 0-100%
33	0-255	LED8 R 0-100%
34	0-255	LED8 G 0-100%
35	0-255	LED8 B 0-100%
36	0-255	LED8 W 0-100%

DMX Mode 3: 40-ch

40channel mode		
Channel	Value	Function
1	0--180	Left BAR 0-180°(90°horizontal)
	180-255	Left BAR 180°
2	0-255	Left BAR speed, the speed is faster when the No. is larger.

3	0-180	Right BAR 0-180°(90°horizontal)
	180-255	Right BAR 180°
4	0-255	Right BAR speed, the speed is faster when the No. is larger.
5	0-255	Master dimming
6	0-9	No function
	10-19	LED auto running, motor position controlled by CH1-CH4
	20-29	Built-in program Show1
	30-39	Built-in program Show2
	40-49	Built-in program Show3
	50-59	Built-in program Show4
	60-69	Built-in program Show5
	70-79	Built-in program Show6
	80-89	Built-in program Show7
	90-99	Built-in program Show8
	100-109	Built-in program Show9
	110-119	Built-in program Show10
	120-139	No function
140-255	Sound active, the sensitivity will be higher when the value is larger.	
7	0-255	Led speed (only for the LED auto running mode)
8	0-14	LED no strobe
	15-255	LED strobe , it will be faster with larger value (It has no use under built-in program mode)
9	0-255	LED1 R 0-100%
10	0-255	LED1 G 0-100%
11	0-255	LED1 B 0-100%
12	0-255	LED1 W 0-100%
13	0-255	LED2 R 0-100%
14	0-255	LED2 G 0-100%
15	0-255	LED2 B 0-100%
16	0-255	LED2 W 0-100%
17	0-255	LED3 R 0-100%
18	0-255	LED3 G 0-100%
19	0-255	LED3 B 0-100%

20	0-255	LED3 W 0-100%
21	0-255	LED4 R 0-100%
22	0-255	LED4 G 0-100%
23	0-255	LED4 B 0-100%
24	0-255	LED4 W 0-100%
25	0-255	LED5 R 0-100%
26	0-255	LED5 G 0-100%
27	0-255	LED5 B 0-100%
28	0-255	LED5 W 0-100%
29	0-255	LED6 R 0-100%
30	0-255	LED6 G 0-100%
31	0-255	LED6 B 0-100%
32	0-255	LED6 W 0-100%
33	0-255	LED7 R 0-100%
34	0-255	LED7 G 0-100%
35	0-255	LED7 B 0-100%
36	0-255	LED7 W 0-100%
37	0-255	LED8 R 0-100%
38	0-255	LED8 G 0-100%
39	0-255	LED8 B 0-100%
40	0-255	LED8 W 0-100%

5. Master/slave Mode

When the LCD displays shows as below, it enter the M/S mode.



F. Setup Menu

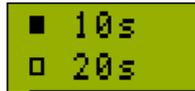


When it shows , it enter the setup mode.

Press the “SETUP” button, the fixture enter the optional menu. You could choose six options by pressing the “UP” and “DOWN” button.

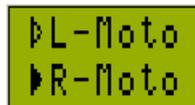
- 1) **BL Time** Set the LCD closed time
- 2) **Adjust** motor reset correction adjust
- 3) **Reset** Restore factory settings
- 4) **Moto** Motor reset mode
- 5) **Power** Service voltage of main board
- 6) **About** About product information

When choose “BL Time”, press the “SETUP” button to set the time. Choose 5s, 10s, 20s, 30s or keeping on by pressing “UP” and “DOWN” buttons.

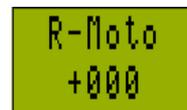


As the above picture, if you choose 10s. After you restore factory settings, the time will keep 10s.

Choose the “Adjust”, press the “SETUP” to set the position of electronic motor. When it shows 90°but the bar is not in horizontal position, you could adjust it through this function. It will be ok when the bar is horizontal position when it is 90°.



When display shows above picture, choose the electronic motor need to be adjusted. Now it chooses the right motor. Press the “SETUP” to enter the adjust mode.



After testing the origin, press the “UP” or “DOWN” to check the bars are parallel or not. When the bars are in parallel position, press “SETUP” and the electronic motor will adjust the reset data, the LCD will show as below:

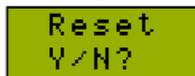


When it shows  , the adjustment is finished.

When the electronic motor could not be reset, the LCD shows no reset as follow picture.



Choose “L-Moto” to adjust the left motor and use the same method above. Choose “Reset”, press the “SETUP” button to enter the restore factory setting. At this time, the display will show a prompt menu as below to confirm if restore factory setting.



Press “SETUP” to confirm yes, the LCD shows follow process and restore factory settings, the fixture will restar. Press “MODE” to confirm No, then it will return to last menu.



Choose “MOTO”, press the “SETUP” button to check the motor restore mode, it is normal when it shows “000”, others are not normal.

Choose "POWER", press "SETUP" button to check the main board's voltage, 17-20V will be normal. When turn on the fixture, if the voltage is higher than 20V, the program would not work and LCD shows "Power high"; if the voltage is lower than 17V, the program would work but the LCD shows "Power low", the motor would be abnormal.

Choose "About", press the "SETUP" button to enter the product information. Press the "UP" or "DOWN" button to scan the information which include the product model number, product version, motor drive, product update date.

G. Restore factory setting

Operate in the setup menu, please refer to the operation

Press "MODE", "SETUP" at the same time, then power on. When the LCD prompts the process as below, release the button and restore factory settings.

A rectangular LCD display with a black background and yellow text. The text is arranged in two lines: "Factory" on the top line and "Reset..." on the bottom line. The font is a simple, monospaced typeface.