

# **LED MATRIX BAR LIGHT**

**MATRIX BAR 910**

**MJ-3129-4IN1**



## **User manual**

=====PROFESSIONAL LED LIGHTING=====

**Thank you for choosing our LED matrix bar light. For the sake of your safety, Please read and follow these instructions carefully and keep this manual in a safe place for future reference.**



**⚠ WARNING**

**Please do NOT connect the power cable hand by hand over 5pcs**

**Important notice:**

- ✧ Before open the LED matrix bar light and if you want to do the repair work, please make sure the power source is at the separation condition.
- ✧ Unceasingly carries on the product improvement about our company the policy, in this instruction booklet carries the data will have the possibility to be able to change in the future, when no longer separate notice change matters concerned. Our company retains when the product improvement changes the related specification the authority. This instruction booklet publisher cannot be responsible regarding this instruction booklet in information accuracy, also cannot the related consequence which causes regarding these information be responsible.

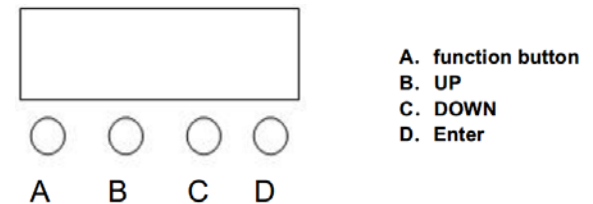
**Installation: .**

1. In order to secure the safe installation of the light, always use it in the well-ventilated environment.
2. Always keep this light with a safe distance from any flammable materials.
3. Never install, dismantle and maintain this light when it is powered; and all work aforesaid must be conducted by professionals.
4. The packing list of this light is as follows:
  - 1) Light -----1pcs
  - 2)Power Cable-----1pcs
  - 3) User Manual-----1pcs

**Effect:**

1. This light operation is very simple, Attractive appearance, Humanized design, Dim without flicker and shake, Energy-efficient, Durable. It is suitable for photography, television stations, stage, dance hall, KTV, bar, evening show.
2. The program of this light can automatically operate, sound, accept DMX512 signal control and be connected for use.

**Graphic Part:**



**Operation description:** Press “A” will cycle out 14pcs different functional effect, LED Top row in represent the current function (Reference function table)。LED Top row on behalf of the function in the address code、or speed and other parameters。Press **B** or **C** key can modify the parameter value。Press **D** to confirm。

**Display Menu:** ( All the functions are selected, press D to confirm.)

No.	Display	Function
1	A001	DMX address (001—512) Press “UP” and “Down” button change the DMX address
2	9CH/14CH/ 36CH	Channel choose (09CH/14CH/36CH) Press “UP” and “Down” button change the DMX Channel
3	CC00	Color change by Snapping (CC01—CC99), press “UP” and “Down” button change the snapping speed
4	Ed00	Color change by Fading (Ed01—Ed99), press “UP” and “Down” button change the Fade speed
5	Er00	Colorful Running 1 (Er01—Er99), press “UP” and “Down” button change the running speed (If setting ID code1 by 1, it can get running effect in one group)
6	Po00	Colorful Running 1 (Po01—Po99), press “UP” and “Down” button change the running speed (If setting ID code1 by 1, it can get running effect in one group)
7	tr00	Running effect (tr01—tr14), press “UP” and “Down” button change the running effect
8	tU00	Running effect speed (tU01—tU99), press “UP” and “Down” button change the running effect speed
9	BE50	Sound control (BE01—BE99), press “UP” and “Down” button change the sound sensitivity
10	R000	Red dimming by hand (R000—R255) press “UP” and “Down” button change the Red brightness
11	G000	Green dimming by hand (G000—G255) press “UP” and “Down” button change the Green brightness
12	B000	Blue dimming by hand (B000—B255) press “UP” and “Down” button change the Blue brightness

	76-85	Color change by Fading (It control by CH1,CH2,CH5. The 5CH is change speed)
	86-95	Color Snapping running 1 (It control by CH1,CH5 to CH9. The 5CH is change speed)
	96-105	Color Snapping running 2 (It control by CH1,CH5 to CH9. The 5CH is change speed)
	.....	.....
	136-145	Color Snapping running 6 (It control by CH1,CH5 to CH9. The 5CH is change speed)
	146-155	Color running 1 (It control by CH1,CH5 to CH9. The 5CH is change speed)
	156-165	Color running 2 (It control by CH1,CH5 to CH9. The 5CH is change speed)
	.....	.....
	236-245	Color running 10 (It control by CH1,CH5 to CH9. The 5CH is change speed)
	246-255	Sound control (It control by CH1,CH6 to CH9.)
CH4 Function 1	0-5	No function
	6-255	Each one value is a effect (It control by CH1, CH6 to CH9.) 0-127 Colorful running by Snapping and Fading left running 128-255 Colorful running by Snapping and Fading right running
CH5	0-255	Function speed
CH6	0-255	Red dimming
CH7	0-255	Green dimming
CH8	0-255	Blue dimming
CH9	0-255	White dimming

CH4 Function 1	0-5	No function
	6-255	Each one value is a effect (It control by CH1, CH6 to CH14.) 0-127 Colorful running by Snapping and Fading left running 128-255 Colorful running by Snapping and Fading right running
CH5	0-255	Function speed
CH6	0-255	LED 1 color mixing
CH7	0-255	LED 2 color mixing
CH8	0-255	LED 3 color mixing
.....	.....	.....
CH14	0-255	LED 9 color mixing

**C. 9channel description**

Channel	Value	Function
CH1	0-255	Main dimming from dark to bright
CH2	0-255	Control strobe from slowly to quickly
3CH Function 1	0-25	No Function
	26-35	No Function
	36-45	Colorful running by Snapping, It control by 1CH,6CH to 9CH (If ID code one by one, it can be control within one group)
	46-55	Colorful running by Fading, It control by 1CH,6CH to 9CH (If ID code one by one, it can be control within one group)
	56-65	Color choose (It control by CH1,CH2, CH5. The 5CH is choose color)
	66-75	Color change by Snapping (It control by CH1,CH2,CH5. The 5CH is change speed)

13	W000	White dimming by hand (W000—W255) press “UP” and “Down” button change the White brightness
14	Id01	Id code setting (Id01-Id14) press “UP” and “Down” button change the Id address (It use running effect within one group)

**Attention:**

**1. Setting DMX address by button**

- 1). press **MODE** button when show the **A001** menu, then adjust the DMX address by pressing **UP** or **DOWN** button
- 2). **oPrt** is slave mode  
Press **ENTER** to confirm or pressing **MODE** to return to main menu.

**2. Setting ID code.**(only for **Er00** and **Po00** do master to use)

If you set ID code one by one. and connect the light together.  
It will be get amazing running effect within one group light.  
(e.g. :first light ID is Id01, second light ID is Id02, third light ID is Id03, fourth light ID is Id04..... those light is a group., it will be running from first light to last light)

**Technical Parameters:**

- Voltage: AC 100-240V, 50Hz/60Hz
- Power Consumption: 90 Watts
- LED: 9pcs 10W 4in1 RGBW LED
- LED Current: 520mA / 1 pc
- LED Beam Angle: 25°
- Dimming: 0-100% with regulated constant color control
- Strobe: 10 Flashes per second (any color)
- Operation Modes: DMX512, Sound, Internal Program, Master-slave
- DMX Control: 9/14/36 Channels
- Maximum Ambient Temperature: 40° C
- Gross Weight: 4.2 kg
- Package Size: 690 x 180 x 155mm

### Cleaning and Maintenance:

We recommend a frequent cleaning of the device. Please use a soft lint-free and moistened cloth. Never use alcohol or solvents!

**CAUTION!**  
**Disconnect from mains before starting maintenance operation.**

There are no serviceable parts inside the device. Maintenance and service operations are only to be carried out by authorized dealers.

If you need any spare parts, please use genuine parts.

If the power supply cable of this device becomes damaged, it has to be replaced by authorized dealers only in order to avoid hazards.

If you have further questions, please contact your dealer.

### DMX functions and values:

#### A. 36 channel description

Channel	Value	Function
CH1	0-255	R1 dimming
CH2	0-255	G1 dimming
CH3	0-255	B1 dimming
CH4	0-255	W1 dimming
.....	.....	.....
CH33	0-255	R9 dimming
CH34	0-255	G9 dimming
CH35	0-255	B9 dimming
CH36	0-255	W9 dimming

#### B. 14channel description

Channel	Value	Function
CH1	0-255	Main dimming from dark to bright
CH2	0-255	Control strobe from slowly to quickly

3CH Function 1	0-25	No Function
	26-35	No Function
	36-45	Colorful running by Snapping, It control by 1CH,6CH to 1CH (If ID code one by one, it can be control within one group)
	46-55	Colorful running by Fading, It control by 1CH,6CH to 14CH (If ID code one by one, it can be control within one group)
	56-65	Color choose (It control by CH1,CH2, CH5. The 5CH is choose color)
	66-75	Color change by Snapping (It control by CH1,CH2,CH5. The 5CH is change speed)
	76-85	Color change by Fading (It control by CH1,CH2,CH5. The 5CH is change speed)
	86-95	Color Snapping running 1 (It control by CH1,CH5 to CH14. The 5CH is change speed)
	96-105	Color Snapping running 2 (It control by CH1,CH5 to CH14. The 5CH is change speed)
	.....	.....
	136-145	Color Snapping running 6 (It control by CH1,CH5 to CH14. The 5CH is change speed)
	146-155	Color running 1 (It control by CH1,CH5 to CH14. The 5CH is change speed)
	156-165	Color running 2 (It control by CH1,CH5 to CH14. The 5CH is change speed)
	.....	.....
	236-245	Color running 10 (It control by CH1,CH5 to CH14. The 5CH is change speed)
246-255	Sound control (It control by CH1,CH6 to CH14.)	