

## 108 Channel mode

No	Function	DMX Value	Description
CH1	R1 dimming	0~255	R1 dimming from dark to bright
CH2	G1 dimming	0~255	G1 dimming from dark to bright
CH3	B1 dimming	0~255	B1 dimming from dark to bright
CH4	R2 dimming	0~255	R2 dimming from dark to bright
CH5	G2 dimming	0~255	G2 dimming from dark to bright
CH6	B2 dimming	0~255	B2 dimming from dark to bright
...	.....	.....	.....
CH106	R36 dimming	0~255	R36 dimming from dark to bright
CH107	G36 dimming	0~255	G36 dimming from dark to bright
CH108	B36 dimming	0~255	B36 dimming from dark to bright

### Important notice:

- ✧ Before open the LED matrix 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.

# LED MATRIX LIGHT 3IN1

MJ-3037



## User Manual

=====PROFESSIONAL STAGE LIGHTING=====

Thank you for choosing our LED matrix 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.

## 1. Installation Overview

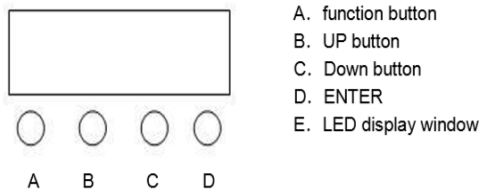
1. To ensure the safety device of lamps and used in well-ventilated environment;
2. To ensure that the lamps to maintain a safe distance from any combustible material;
3. installation and removal, and repairs do not live to work, all work must be done by professionals;.
4. The lighting package includes the following accessories:
  - a) Light device 1 unit
  - b) User manual 1 unit
  - c) Power cord 1 unit

## 2. Product Performance Description

The matrix light is made up of 36pcs 3W 3IN1 LEDs, beautiful shape, high power, durable, suitable for indoor use, mainly used for indoor arena, large-scale theatrical performances, theater, studio, bar, hotels and other places in the interior and exterior, can do auto running mode, sound control, master/slave and DMX control. Can be synchronized hopping, gradient, strobe; DMX256 Level gray scale dimming, DMX programming (Multiple connections can be edited using thousands of different effects)。

Operation is very simple, user-friendly design, dimming flicker, jitter phenomena. Can be adapted to photography, photography, television and other demanding situations on the lights.

## 3. Graphic section



Operating Instructions: A press function key will cycle through the eight different functional effects, Which the current function (see menu) digital first two numbers represent. After two digits to represent the functions are located. Address code. Or speed parameters. Press B or C key to modify its parameters. Press the D key to confirm.

CH9	Chase	0~4	No function
		5~10	Chase 1
		11~16	Chase 2
		.....	.....
		233~238	Chase 2
		239~244	No function
		245~255	
CH10	Chase Speed	0~127	Slow to Fast Forward
		128~255	Fast to Slow Backward
CH11	Chase Fade	0~255	Fade Chase
CH2	Background Red	0~255	Dimming from dark to bright
CH13	Background Green	0~255	Dimming from dark to bright
CH14	Background Blue	0~255	Dimming from dark to bright
CH15	R1 dimming	0~255	R1 dimming from dark to bright
CH16	G1 dimming	0~255	G1 dimming from dark to bright
CH17	B1 dimming	0~255	B1 dimming from dark to bright
CH18	R2 dimming	0~255	R2 dimming from dark to bright
CH19	G2 dimming	0~255	G2 dimming from dark to bright
CH20	B2 dimming	0~255	B2 dimming from dark to bright
CH21	R3 dimming	0~255	R3 dimming from dark to bright
CH22	G3 dimming	0~255	G3 dimming from dark to bright
CH23	B3 dimming	0~255	B32 dimming from dark to bright
...	.....	.....	.....
CH120	R36 dimming	0~255	R36 dimming from dark to bright
CH121	G36 dimming	0~255	G36 dimming from dark to bright
CH122	B36 dimming	0~255	B36 dimming from dark to bright

### 122Channel mode

No	Function	DMX Value	Description
CH1	Main dimming	0~255	Main dimming from dark to bright
CH2	Main strobe	0~3	No function
		4~200	Strobe from slow to quick
		201~255	Random strobe from slow to quick
CH3	R dimming	0~255	R dimming from dark to bright
CH4	G dimming	0~255	G dimming from dark to bright
CH5	B dimming	0~255	B dimming from dark to bright
CH6	Chart	0~4	No Function
		5~9	Chart 1
		10~14	Chart 2
		15~19	Chart 3
		.....	.....
		245~249	Chart 49
		250~255	Run effect slow to fast from Chart 1 to Chart 49
CH7	Character	0~4	No Function
		5~9	Character 1
		10~14	Character 2
		15~19	Character 3
		.....	.....
		245~249	Character 49
		250~255	Run effect slow to fast from Chart 1 to Chart 49
CH8	Color Chase	0~4	No Function
		5~18	Color Chase 1
		19~32	Color Chase 2
		.....	.....
		229~242	Color Chase 17
		243~255	Color Chase 18

### 4. LED display windows feature comparison table (All functions by selected and then press the D key to confirm)

No	Display	Function description
1	Addr	address code setting (001—512) B、C key up/down change address value
2	Run	Show 1 mode
		Show 1 mode
3	Mode	14CH mode
		40CH mode
		108CH mode
		122CH mode
4	Test	Each LED test
5	Set	Display saver (ON/10s/20s/30s) B、C key change time
		Display reversal (ON/OFF) B、C key change ON or OFF
		Key lock (ON/OFF) B、C key change ON or OFF
		Language setting (EN/CH) B、C key change English or Chinese
6	Ver	36RGB-V1.1
7	Reset	No/Yes

### 5. Technical Parameters

Working voltage: AC100-240V, 50Hz/60Hz

LED quantity: 3W\*36pcs RGB 3in1 LED

Power: 130W

Control signal: DMX512; auto mode; master/slave mode

Control channel: 14/40/108/122CH

Gross weight: 10.5 KG

Packing size: 570\*570\*180mm

## 6. Channel list

### 14Channel mode

No	Function	DMX Value	Description
CH1	Main dimming	0~255	Main dimming from dark to bright
CH2	Main strobe	0~3	No function
		4~200	Strobe from slow to quick
		201~255	Random strobe from slow to quick
CH3	R dimming	0~255	R dimming from dark to bright
CH4	G dimming	0~255	G dimming from dark to bright
CH5	B dimming	0~255	B dimming from dark to bright
CH6	Chart	0~4	No Function
		5~9	Chart 1
		10~14	Chart 2
		15~19	Chart 3
		.....	.....
		245~249	Chart 49
		250~255	Run effect slow to fast from Chart 1 to Chart 49
CH7	Character	0~4	No Function
		5~9	Character 1
		10~14	Character 2
		15~19	Character 3
		.....	.....
		245~249	Character 49
		250~255	Run effect slow to fast from Chart 1 to Chart 49
CH8	Color Chase	0~4	No Function
		5~18	Color Chase 1
		19~32	Color Chase 2
		.....	.....
		229~242	Color Chase 17
		243~255	Color Chase 18

CH9	Chase	0~4	No function
		5~10	Chase 1
		11~16	Chase 2
		.....	.....
		233~238	Chase 2
		239~244	No function
CH10	Chase Speed	0~127	Slow to Fast Forward
		128~255	Fast to Slow Backward
CH11	Chase Fade	0~255	Fade Chase
CH2	Background Red	0~255	Dimming from dark to bright
CH13	Background Green	0~255	Dimming from dark to bright
CH14	Background Blue	0~255	Dimming from dark to bright

### 40 Channel mode

No	Function	DMX Value	Description
CH1	Red main dimming	0~255	Red main dimming from dark to bright
CH2	Green main dimming	0~255	Green main dimming from dark to bright
CH3	Blue dimming	0~255	Blue main dimming from dark to bright
CH4	Main strobe	0~255	Strobe from slow to quick
CH5	LED1 dimming	0~255	LED1 dimming from dark to bright
CH6	LED2 dimming	0~255	LED2 dimming from dark to bright
CH7	LED3 dimming	0~255	LED3 dimming from dark to bright
CH8	LED4 dimming	0~255	LED4 dimming from dark to bright
CH9	LED5 dimming	0~255	LED5 dimming from dark to bright
...	.....	.....	.....
CH39	LED35 dimming	0~255	LED35 dimming from dark to bright
CH40	LED36 dimming	0~255	LED36 dimming from dark to bright