
ED MATRIX BEAM 14

User Manual



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1、Matters needing attention

- Please read this instruction carefully before installation.
- Check out all accessories after getting the product.
- Inspect the device carefully before installation in case of loose for transportation maintenance regularly.
- For guarantee the life of product , don't put it on the wet place and also not use it in the place over 40 degree.
- Don't put the product on the shakable place.
- Check the power supply voltage before turning on lamp. Power supply should not be over the voltage range .The lamp will be damaged if the power is too high, it can't work if the power is too low.
- After power off, if it is need used again, please cool down over 10 minutes.
- Disconnect the power before installation or removing. In case of malfunction, please ask the professional technician to repair .

2、Installation guide

- Lift and hang up the lamps on a structure/truss through the hook clamps.
- Disconnect the power before installation .

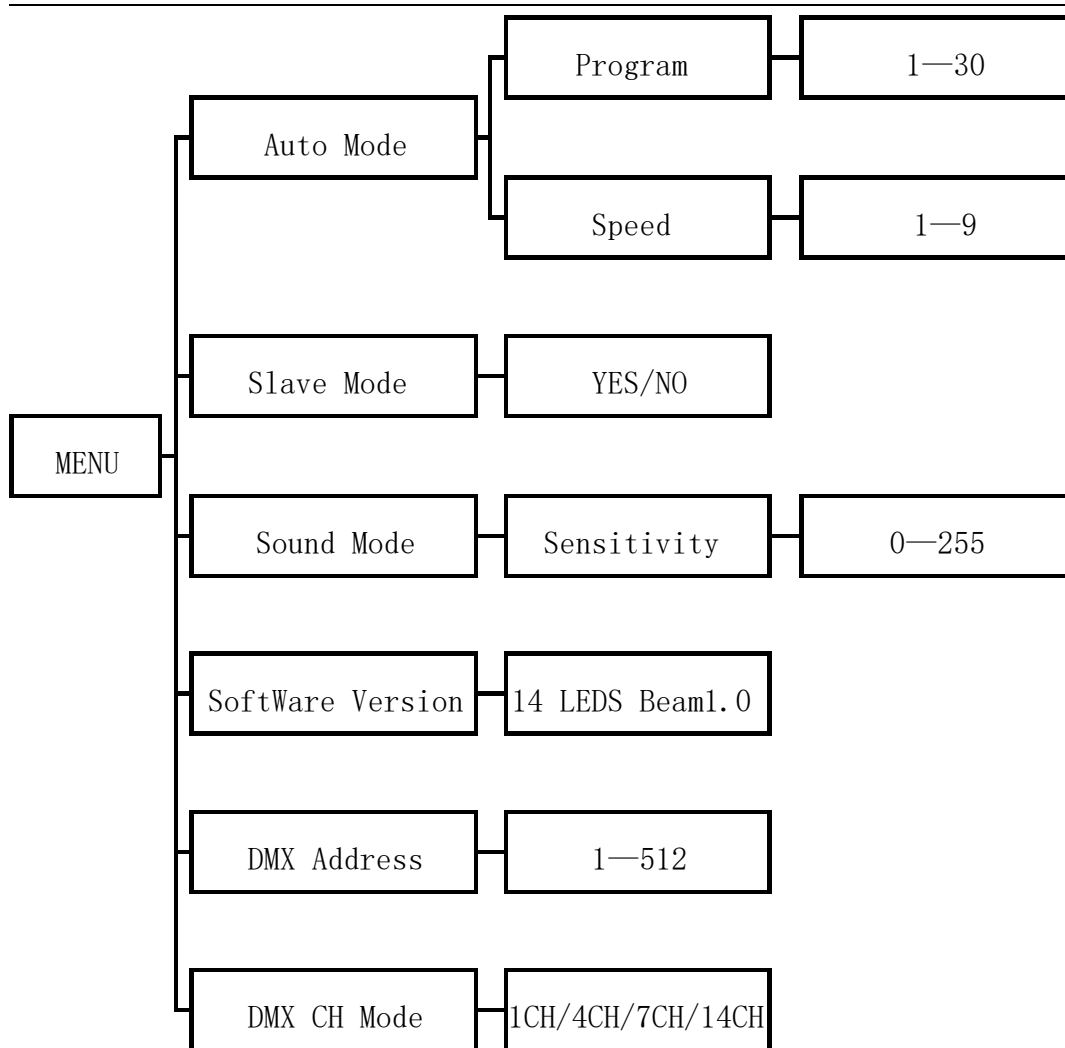
3、Accessories

- Product 1 Pcs
- Power cable 1Pcs
- Manual instruction 1Pcs

4、Specification

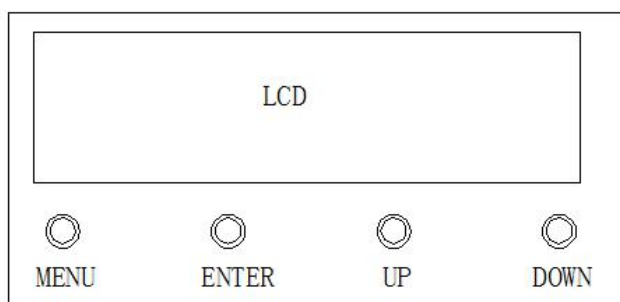
Power supply	AC 100----240V ,50/60Hz
Power consumption	45W
Light source	14pcs 3W warm white LED
DMX control channels	1CH/4CH/7CH/14CH
Light beam	2°
Control mode	Auto running 、 Master—slave、 Sound 、 DMX 512
Dimension	1000x152.7x70mm
Weight	3.88kg

5、Menu map



6、 Operation

Keys diagram



6.1 Auto running function

- 1、 Select "Auto Mode " from root directory menu .
- 2、 Select one program .
- 3、 Set up the running speed .

6.2 Slave function

- 1、 Select "Slave Mode " from root directory menu .
- 2、 Select "YES" .

6.3 Sound function

- 1、 Select "Auto Mode " from root directory menu .
- 2、 Select one program .
- 3、 Select "Sound Mode " from root directory menu .
- 4、 Set up the sound sensitivity. There is no function 0 to 15. Sensitivity gradually increases from 16 to 255.

6.4 1CH DMX function

- 1、 Select "DMX CH Mode " from root directory menu .
- 2、 Select "1CH" .
- 3、 Select "DMX Address " from root directory menu .
- 4、 Set up the address . It can be set to 001.

1CH DMX Table

Channel	Function	From	To	Feature
1	Dimmer	0		No function
		1	255	Master dimmer

6.5 4CH DMX function

- 1、 Select "DMX CH Mode " from root directory menu .
- 2、 Select "4CH" .
- 3、 Select "DMX Address " from root directory menu .
- 4、 Set up the address . It can be set to 001.

4CH DMX Table

Channel	Function	From	To	Feature
1	Dimmer	0		No function
		1	255	Master dimmer
2	Strobe	0	4	No function
		5	255	Strobe from slow to fast
3	Program	0		No function
		1	255	1-30program
4	Speed	0		No function
		1	255	Program speed from slow to fast

6.6 7CH DMX function

- 1、 Select "DMX CH Mode " from root directory menu .
- 2、 Select "7CH" .
- 3、 Select "DMX Address " from root directory menu .
- 4、 Set up the address . It can be set to 001.

7CH DMX Table

Channel	Function	From	To	Feature
1	Dimmer	0		No function

		1	255	Master dimmer
2	Strobe	0	4	No function
		5	255	Strobe from slow to fast
3	White	0		No function
		1	255	White from 1—100%
4	Program group 1	0	15	No function
		16	31	Program 1
		32	47	Program 2
		47	63	Program 3
		64	79	Program 4
		80	95	Program 5
		96	111	Program 6
		112	127	Program 7
		128	143	Program 8
		144	159	Program 9
		160	175	Program 10
		176	191	Program 11
		192	207	Program 12
		208	223	Program 13
		224	239	Program 14
240	255	Program 15		
5	Program group 2	0	15	No function
		16	31	Program 16
		32	47	Program 17
		47	63	Program 18
		64	79	Program 19
		80	95	Program 20
		96	111	Program 21
		112	127	Program 22
		128	143	Program 23
		144	159	Program 24
		160	175	Program 25
		176	191	Program 26
		192	207	Program 27
		208	223	Program 28
		224	239	Program 29
240	255	Program MIX (from P1 to P29)		
6	Speed	0	255	Program speed from slow to fast
7	Sound sensitivity	0	15	No function
		16	255	Sensitivity increases gradually

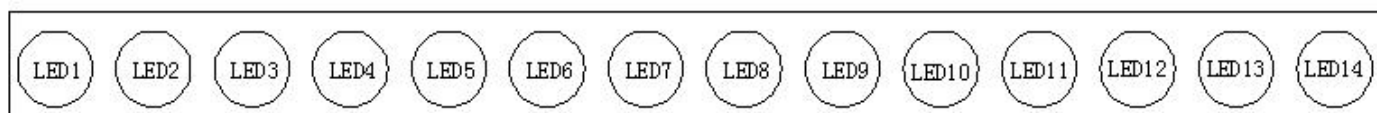
6.7 14CH DMX function

- 1、 Select “DMX CH Mode ” from root directory menu .
- 2、 Select “14CH” .
- 3、 Select “DMX Address ” from root directory menu .
- 4、 Set up the address . It can be set to 001.

14CH DMX Table

Channel	Function	From	To	Feature
1	LED1	0		No function
		1	255	Brightness 1—100%
2	LED2	0		No function
		1	255	Brightness 1—100%
3	LED3	0		No function
		1	255	Brightness 1—100%
4	LED4	0		No function
		1	255	Brightness 1—100%
5	LED5	0		No function
		1	255	Brightness 1—100%
6	LED6	0		No function
		1	255	Brightness 1—100%
7	LED7	0		No function
		1	255	Brightness 1—100%
8	LED8	0		No function
		1	255	Brightness 1—100%
9	LED9	0		No function
		1	255	Brightness 1—100%
10	LED10	0		No function
		1	255	Brightness 1—100%
11	LED11	0		No function
		1	255	Brightness 1—100%
12	LED12	0		No function
		1	255	Brightness 1—100%
13	LED13	0		No function
		1	255	Brightness 1—100%
14	LED14	0		No function
		1	255	Brightness 1—100%

LED sequence diagram



7、Maintenance

- 1、The lamps should be kept dry to avoid working in wet environment.
- 2、Intermittent use can effectively extend the lamps life.
- 3、Attention to clean the lamp usually in order to obtain good ventilation and lighting effects.
- 4、Don't use alcohol or other organic solvents to clean the crust, avoiding to damage the product.