5X5 LED Matrix light

USER MANUAL
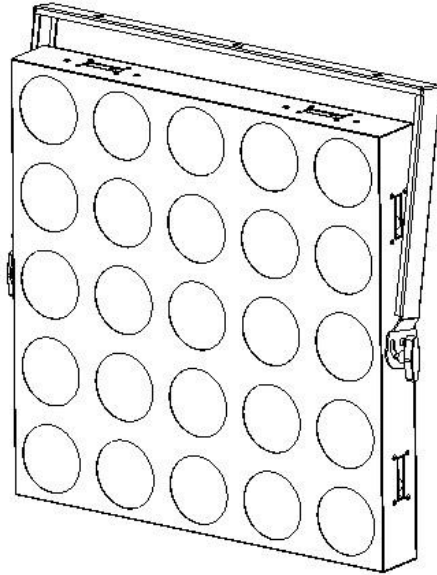
Contents

1.General   information

1.Congratulations, you have just purchased one of the most reliable LED Matrix light on the market today.

2.Please read and understand the instructions in this manual carefully and thoroughly before

attempting to operate this unit. These instructions contain important information regarding safety during use and maintenance.

Notice:

1.As part of our ongoing commitment to continuous products update, company will keep

the right to improve this products, the information in this menu may be changed in the future, the company reserve the right to change the data without any advises.
Unpacking:
1.Thank you for purchasing our company products. Every product has been thoroughly tested and has been shipped in perfect operating condition.
2.Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your fixture for damage and be sure all accessories necessary to operate the fixture have arrived intact. In the event damage has been found or parts are missing, please contact our customer support team for further instructions.
3.Inside the box you should find: the LED Matrix light, a power cable, and this user manual.

2. Safety instructions

Notice: To guarantee proper and consistent operation, it is important to follow the guidelines
in this manual. Our company will not accept responsibility for damages resulting from the misuse of this fixture due to the disregard of the information printed in this manual.
1.Please check the voltage, frequency data of power supply system is suitable for the mentioned on the LED Matrix light. Please do avoid the different voltage between them and burn the LED Matrix light   .
2 .Do not attempt to operate this fixture if the power cord has become damaged or frayed.
3.Never open this fixture while in use.
4 .Never look directly into the light source. You risk injury to your retina, which may induce blindness.
5.Please be aware that damages caused by modifications to the device are not subject to Warranty.

3.Performance trait and skill specifications

Voltage: AC100-240V   50/60Hz
Power: 300W
Light source:25pcs 10W RGB 3in1 LEDs
1,3,5,25,75 DMX channels selectable
Each LED can be controlled individually
Sound controlled via built-in microphone
Adjustable sound sensitivity
Function:Color mix, automatic color change, built-in program and strobe effect with adjustable speed,dimmer,master/slave
Adjustable fan cooling, fan speed change according to the light temperature.
LED display, easy to control
Control:Auto, sound active, DMX512, software(connect to computer)
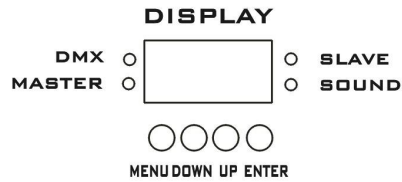Full DMX512 control

Unit can be connected and program differently.

With Safety loop

size: 62x62x15CM

Weight:18kg

4. Main menu

display	Mode	Function
Addr	DMX address setting And Channel mode	A001-A512/1CH B001-B512/3CH C001-C512/5CH D001-D512/25CH E001-E512/75CH
rL--	Red	rL00
gL--	Green	gL00
bL--	Blue	bL00
FLAS	Shut	FL00
FAdE	Fade	FA00
ASC-	Color Macro	AS00
CE--	Program	CE00
CS--	Program Speed	CS00
SLNd	Slave mode	Master Slave 1 to Slave 4

SHNd	Show mode	One/Two Light Show (TLSH) Four Light Show (FLSH)
SOUN	Sound mode	Sound on/off
SENE	Sound sense	000-100
diSP	Display inversion	dsp/rdsp
tC25	Temperature	tC 00 ~ tC 99
Hour	Using time of light	Fixture hours,0 ~ 9999

Note:1, To the function mode you need, press Enter to confirm, press MODE about two seconds to quit.

2, The equipment can accept DMX signal whenever Auto or sound active mode, DMX is preferential.

3, Black out mode: Choose Yes, when no DMX, the unit goes to be Black out mode; Choose No, when no DMX, the unit goes to be Sound mode.

5. DMX Chart

Channels Control:

1CH mode:A

CH1	000-007	Blackout
	008-022	Show 1
	023-037	Show 2
	038-052	Show 3

	053-067	Show 4
	068-082	Show 5
	083-097	Show 6
	098-112	Show 7
	113-127	Show 8
	128-142	Show 9
	143-157	Show 10
	158-172	Show 11
	173-187	Show 12
	188-202	Show 13
	203-217	Show 14
	218-232	Show 15
	233-247	Show 16
	248-255	Sound active running show 1 to 16

3CH mode:B

CH1	0-255	Red
CH2	0-255	Green
CH3	0-255	Blue

5CH Mode:C

5CH mode	Function	Value
Channel 1	Function	000-007 blackout

		008-067 full on
		068-127 Number 0 ~ 9
		128-187 Letter A ~ Z
		188-247 Sound Effect
		248-255 Stand alone
Channel 2	Number	000-024 Number "0"
		025-049 Number "1"
		050-074 Number "2"
		075-099 Number "3"
		100-124 Number "4"
		125-149 Number "5"
		150-174 Number "6"
		175-199 Number "7"
		200-224 Number "8"
		225-255 Number "9"
	Letter	000-009 A
		010-019 B
		020-029 C
		030-039 D
		040-049 E
		050-059 F
		060-069 G
		070-079 H
		080-089 I
		090-099 J
		100-109 K
		110-119 L
		120-129 M
		130-139 N
		140-149 O
		150-159 P
		160-169 Q
		170-179 R
		180-189 S
		190-199 T
		200-209 U
		210-219 V
		220-229 W
		230-239 X
		240-249 Y

		250-255 Z
	Sound Effect	000-016 Sound Effect 1 017-033 Sound Effect 2 034-050 Sound Effect 3 051-067 Sound Effect 4 068-084 Sound Effect 5 085-101 Sound Effect 6 102-118 Sound Effect 7 119-135 Sound Effect 8 136-152 Sound Effect 9 153-169 Sound Effect 10 170-186 Sound Effect 11 187-203 Sound Effect 12 204-220 Sound Effect 13 221-237 Sound Effect 14 238-255 Sound Effect 15
Channel 3	Color	000-035 R 036-071 G 072-107 B 108-143 R + G 144-179 R + B 180-215 G + B 216-255 R + G + B
Channel 4	Dimmer	000-255 dimmer 0-100%
Channel 5	Strobe	000-007 No function 008-255 Strobe slow to fast

25CH Mode:D

CH1-CH25	0-255	The 1st head color to the 25th head color

75CH Mode:E

CH1,CH4,CH7,CH10,CH13,CH 16,CH19,CH22,CH25,CH28,CH	0-255	Red 1/2/3/4/5/6/7/8/9/10/11 12/13/14/15/16/17/18/1

31,CH34,CH37,CH40,CH43,CH 46,CH49,CH52,CH55,CH58,CH 61,CH64,CH67,CH70,CH73		9/20/21/22/23/24/25
CH2,CH5,CH8,CH11,CH14,CH 17,CH20,CH23,CH26,CH29,CH 32,CH35,CH38,CH41,CH44,CH 47,CH50,CH53,CH56,CH59,CH 62,CH65,CH68,CH71,CH74	0-255	Green 1/2/3/4/5/6/7/8/9/10/11 12/13/14/15/16/17/18/1 9/20/21/22/23/24/25
CH3,CH6,CH9,CH12,CH15,CH 16,CH21,CH24,CH27,CH30,CH 33,CH36,CH39,CH42,CH45,CH 48,CH51,CH54,CH57,CH60,CH 63,CH66,CH69,CH72,CH75	0-255	Blue 1/2/3/4/5/6/7/8/9/10/11 12/13/14/15/16/17/18/1 9/20/21/22/23/24/25

Each channel control each color of each head.

Fan timing function:

When the temperature is more than 35℃ but less than 55℃, the fan run slowly, one more degree rising, the fan will run quickly accordingly, when temperature goes to 55℃, the fan run at full tilt. The fan will always run and stop till the temperature to be less than 30℃.

Power dropping: If the fan working at full tilt but the temperature is still rising, the power will reduce 5% when temperature rise one degree, if the temperature goes to be 68℃, the light will be black out. It can work again

when the temperature cooled to be less than 60℃.

Built-in 4PCS program

Led display setting
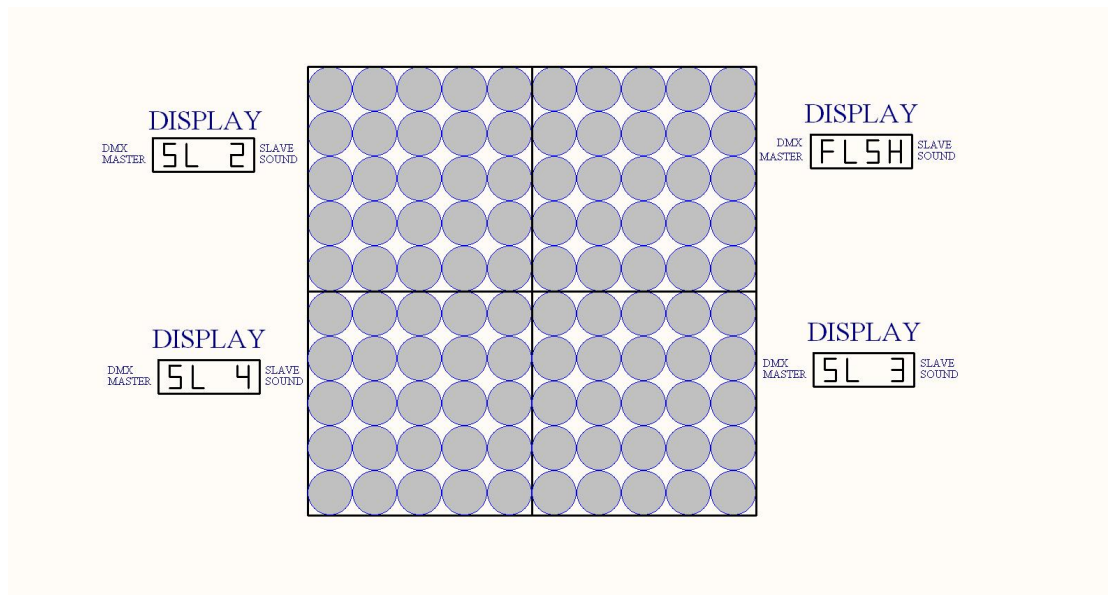
6.Cleaning and maintenance

1.It is absolutely essential that the fixture is kept clean and that dust, dirt and smoke-fluid residues must not build up on or within the fixture.

2.Regular cleaning will not only ensure the maximum light-output, but will also allow the fixture to function reliably throughout its life.

3.A soft lint-free cloth moistened with any good glass cleaning fluid is recommended, under no circumstances should alcoholor solvents be used!