



User Manual

Please read this Manual assiduous before start working
with the effect light!!!

➤ **Packing List**

1 pcs.	Stairville maTRIXX SLB-15 DMX
1 pcs.	Power cord
1 pcs.	Owners manual
2 pcs.	Lighting Hangers

➤ **Product Introduction :**

- This product adopts the latest appearance, with small volume, light heaviness, nice appearance and good heat scattering. The luminary constitutes of 64 LED light pearls with high brightness, long life and low power consumption. It has applied latest software controlling technology with effect such as 85 pictures, level and erecting moving, level and erecting turning, enlarging and shrinking, gradually drawing, stroboscopic, brightness regulation, etc. 26 different effects have been set inside. DMX control has adopted page control (music control page, automatic control page), the effect will be edited according to the actual music while without music the light will be switched off after the delay. It has four control modes: automatic control, DMX-512 control, music control and master& slave synchronization control. The international standard DMX-512 signal control makes the difference between our products and others.

➤ **Instruction :**

- After unpacking, please check whether the projector has been damaged by transport such as screw loosening, reflecting mirror broken, etc.

Check before electrification. Check whether the projector has been laid correctly and stably, whether the voltage of the power is adapted to the requirement, otherwise we'll not be responsible for the damage of the light.

This projector is the first class protected equipment. Notice that while using the green and yellow wires have to connect to the ground properly by professionals. Please examine the electrics and voltage before powering on it. We suggest customers apply 220V or a transformer. It'll check itself in seconds after being electrified, could be used.

➤ **Technical Parameters:**

Rated voltage:	AC110V /230V $\pm 10\%$
Rated frequency:	50Hz~60Hz $\pm 10\%$
Power consumption:	15W
Beads quantity:	64 super bright light pearls (red: 24pcs, green: 24pcs, blue: 16pcs)
Pictures quantity:	85
Channels:	9 channels
Control signal:	DMX-512 international standard signal
Control mode:	DMX-512、automatic、music、master & slave
Operating environment:	indoor

➤ **Function Mode Set:**

This unit apply to Switch-address code, which is the choice of the mode of the performing control and the address-code, the 10th address-code is the switch of the transferring of the DMX-512 signal control , music control and automatic control. The mode set, details as following:

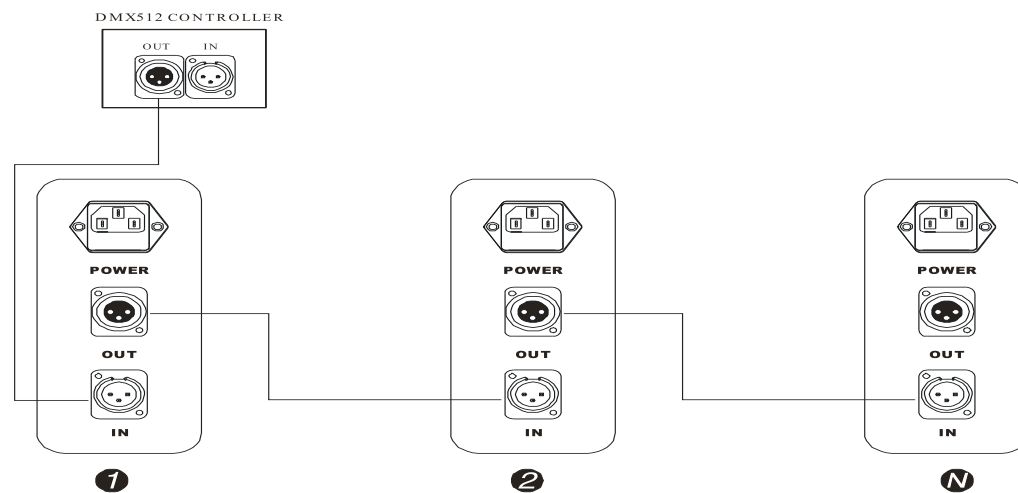
	Mode	Binary code (ON)
1	DMX-512signal control mode	1-9 setting address, 10--on
2	Single music control, master	1--ON、 2-10--OFF
3	automatic ,master	1—10--OFF
4	Slave control	1-9—NO SETTING、 10--ON

➤ DMX-512 Function:

CHANNEL		DMX-512 VALUE	CONTROL
CH1	Automatic control	0~41	LED light switch off
		42~83	Effect Editing Control
		84~125	Insetting Effect Control
		126~167	Run insetting program
	Music control	168~209	Effect Edition Control
		210~251	Insetting Effect Control
		252~255	Run insetting program
CH2	Pictures choice	0~255	85 pictures selection
	Effect choice	0~255	26 effects selection
CH3	Erect turning	0~127	Position selection
		128~255	Speed Selection
CH4	Level turning	0~127	Position Selection
		128~255	Speed Selection
CH5	Erect Turning	0~85	Speed Selection
	Level turning	86~171	
	Level, Erect turning	172~255	
CH6	From Small to Big	0~85	Speed Selection
	From Big to Small	86~171	
	Shrink or Enlarge	172~255	
CH7	Erect Gradually drawing	0~85	Speed Selection
	Level Gradually Drawing	86~171	
	Level, Erect gradually drawing	172~255	
CH8	Stroboscopic Effect	0~255	Speed Selection from slowest to fast
CH9	Brightness Regulation	0~255	Selection From Brightest to dark
CH10	Shinning beads Selection	0~255	Shinning beads selection

➤ Signal Connection

This product is assembled with DMX input and output 3 pins XLR socket, while all connection is that Pin 1 is connected to the ground, Pin 2 is connected the negative pole signal, Pin 3 is connected the Positive pole signal. This product applies 3 pins XLR socket, the connection of many units as following:



NOTICE:

1. No overloading connection, the same branch without over 32
2. Terminal matching connection, connect a resistance of 120 ohms between the Foot 2 and Foot 3 of DMX output Pin 3 socket of the last equipment of the branch.

➤ **DMX-512 address code set:**

This unit is equipped with 10 channels, while the address code of the first light is 1, the second $10+1=11$, the third $10+11=21$, and so on.

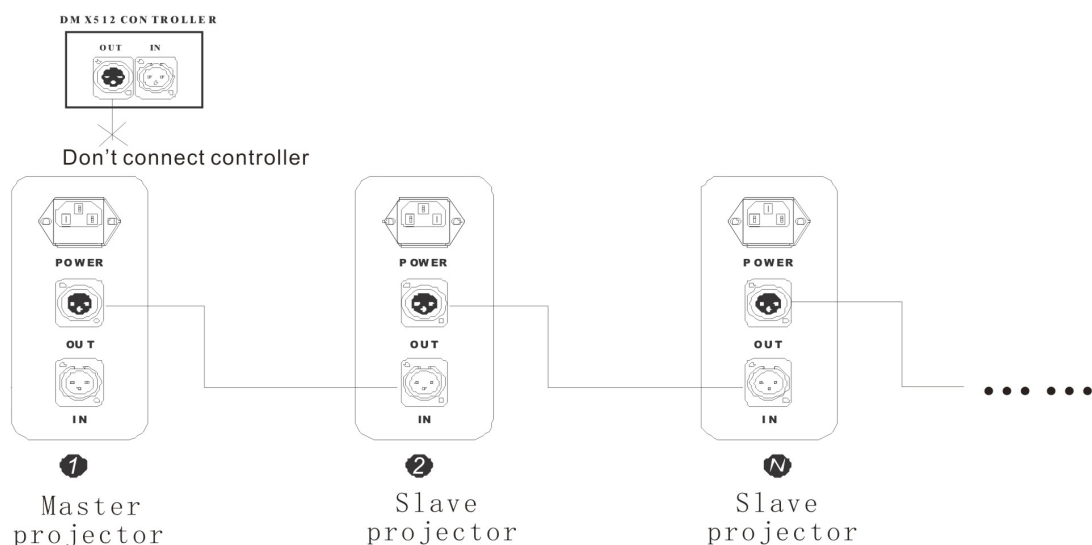
Detailed DMX-512 address code set as following:

Light NO.	Original address	Binary Code Dialing (ON)
1	1	1
2	10	2、4
3	19	1、2、5
4	28	3、4、5
5	37	1、3、6
6	46	2、3、4、6
7	55	1、2、3、5、6
8	64	7
9	73	1、4、7
10	82	2、5、7
⋮	⋮	⋮

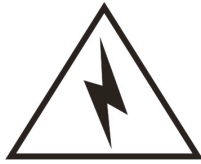
Notice about Master-slave synchronization:

1. When the master machine is running, the light will send DMX-512 signals, however, it can't be connected to the controller, otherwise, they will interrupt each other, so that can not be synchronized.
2. While many lights are using master-slave synchronization, only one of them can be master, or they can't be synchronized.

The connection of Master-slave synchronization as below:



➤ Safety Marks:



1. Please make sure to switch off the power before installation or maintenance.
2. Please keep the fan expedite and environment ventilated.
3. This laser projector is designed for the indoor, so while using, please avoid any dripping. If you want to use outdoor, please do enough waterproof measure.
4. Please get acquainted with the properties the light before installation operating or maintaining, as most damage are caused by wrong operating without acquaintance.
5. Do not use any power voltage or light type of different specifications.
6. Please do not look at the laser light directly, in case it might damage the eyes.
7. Avoid electric shock !
8. Do not use it frequently under the humid atmosphere.

➤ Maintenance:

We suggest that clean the light with professional glass cleaning and downy cloth. Keeping the light clean regularly can not only get the largest power of the light.

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