



**LASER DISPLAY SYSTEM
USER MANUAL**

SEVEN STARS[®]

Function setting

ADDRESS: DMX Address code 1-10 user setup:

1、 Address code switch of N by AddN denotation. for instance:

Add1 = OFF address switch of 1st is OFF

2、 address code 1st and 10th is mode option:

Add10 = ON and Add1 = OFF Sound mode

Add10 = ON and Add1 = ON Auto mode

3、 address code 2nd and 3rd is speed adjust:

Add3 = OFF Mid speed

Add3 = ON and Add2 = ON High speed

Add3 = ON and Add2 = OFF Slow speed

4、 address code 4th and 5th is effect adjust:

Add4 = ON and Add5 = ON No other than firebug

Below the other combinations:

Bouquet and firebug combination effect

5、 address code 7th and 8th is bouquet of line length adjust:

Add7 = ON Length add 2 units

Add7 = ON and Add8 = ON Length add 3 units

LASER DISPLAY SYSTEM USER MANUAL

MODEL:F088RGB

Thanks for choosing our All over the sky planet series products. For you could use this product roundly, please read this manual carefully before installation and operate according to rules in case being injured or destroying system.

Packing list

While receiving the product, please take carefully and check whether it was been destroyed on conveyance. After that, check the following parts.

1. 1X Laser Display System.
2. 1x User Manual.
3. 1X Power Cable.
4. 1X DMX Cable (optional).

Safety guide













This is 3B laser product .Avoid eyes direct exposure to the laser light.



Do not disassemble or repair the system by yourself .If there is a problem, please enquire professional technician, or seek help from your local dealer.



The product should be installed by professional technician.

-  Please set the laser product far away from those things as strobe light.
-  Do not touch the system by wet hand or pull the power wire forcefully.
-  The system should be kept dry .Please don't use the system in wet or dust environment . Need waterproof equipment in the open air.
-  Do not turn on or off the system frequently, and avoid keeping it working for a long time.
-  Installation immovably, prevent the system from strong shaking or striking.
-  Prevent outer dangerous objects into the system, or there will be malfunction.
-  The system should keep 1m far away from the objects shined at least.
-  Please don't connect the power supper or turn on the system before installation.
-  Before switching on power, please make sure power wire in good condition.
-  Please warm-up for 15minutes before turning on the system. Turn off the system for 25 minutes after running continuously for three hours. Ensure the system is able to cool down in a suitable

Technical Parameters

Model	F088RGB
Power supply	100-240VAC ,50/60Hz
Shed angle	$\pm 45^{\circ}$
Laser diode	Red、 Blue and Green
Laser power	R: >120mW 650nm B: >380mW 445nm G: >50mW 532nm
Control mode	Sound 、 Auto 、 DMX Control
Effect	Starriness, meteor shower and various laser bouquets perform one after another. One time looks like full of fireflies flying in the sky, another time as meteors slipping through the dark air, and plum blossoms blooming and so on. All of these changeful sceneries make up of flowery Laser effect
Dimension	250 X 240 X151 mm
Net weight	2.5kg
Gross weight	2.8kg

DMX Channel setting

DMX Channel		5 Channels	
NO	define	DMX 512value	Control content
1	Control mode	0-63	Shut off the laser diode
		64-127	Sound mode
		128-191	Auto mode
		192-255	Manual mode
2	Rotation mode	0-20	Stop
		21-60	clockwise
		61-100	Counter-clockwise
		101-220	Automatic clockwise to anticlockwise rotate (change direction)
		221-255	Sound anticlockwise to clockwise rotate(change direction)
3	Speed adjust	0-255	speed adjust (when moving)
4	Turn color	0-16	Blue and Green
		17-33	Red and Blue
		34-50	Red and green
		51-67	Blue
		68-84	Red ,Green and Blue
		85-101	Green
		102-239	Red ,Green and Blue
		240-255	Sound control color
5	Strobe	0-19	No strobe
		20-240	Auto strobe
		241-255	Sound strobe

Remark

In the DMX 512 mode ,the Laser display system will shut off if the DMX 512 signal intermit.

environment and has steady output power.




The work temperature is 10-40°C ,so the laser conduct doesn't three hours. Ensure the system is able to cool down in a suitable environment and has steady output power.

work until it reach the work temperature when taking it in from cold environment .



When transport the system again, please use the original package to avoid shaking.



 This sign indicates collecting in sort about electronics and electrical equipment.

Maintenance

Maintain the machine regularly and clean the lens with absorbent cotton dipping alcohol, but wet cloth or other chemic solvent .The clean times depend on the usage frequency and the surrounding condition of the laser display system. Suggest that the system should be cleaned every 15 days. In addition, dustproof crust on side face needs to remove for clean. For dusty jam the crust, that will affect cooling efficiency.

Warning



Before any installation and repair, please do cut off the power supply.



For making sure person and machine safe, install steady before hanging, or that will cause person injured and equipment destroy.



No slipcover on the machine.

Declare

The user should comply with the instructions and warning above. Any damage, which is caused by incorrect operation or not following the manual, is not in the range of warranty. If the problems are caused by ignoring operation manual, the dealer will not take charge.

Installation guide



Be sure that there is no flammable or explosive objects at the range of 1.5 meters leastways, while installation. Keep 0.5 meter away from wall at least.



Before installation, please make sure the power voltage matches the system rated voltage.



Be sure that the fan and exhaust is not blocked.

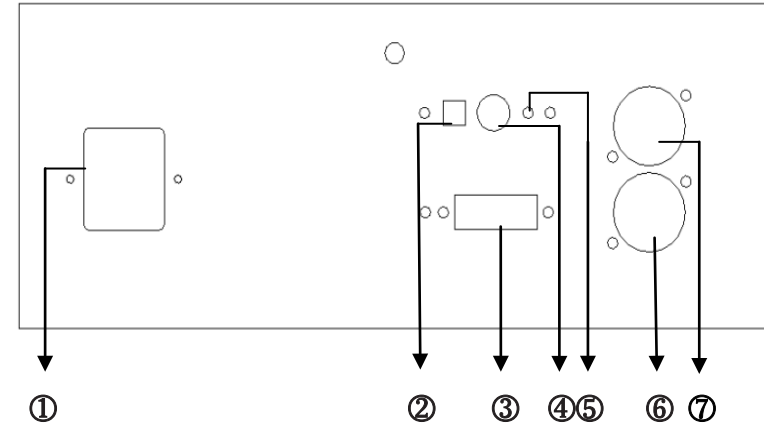


The laser display system should be fixed firmly.



It is essential to make the product grounding.

Backboard sketch map



Key-press function instruction

- ① F3AL 250V: Input power with internal fuse (3A)
- ② MIN、MAX: Sound sensitivity potentiometer
- ③ Binary address switch: control the patterns ' change
- ④ Microphone
- ⑤ MIC LED: Sound indicator light
- ⑥ DMX 512 OUT: DMX 512 signal output
- ⑦ DMX 512 IN: DMX 512 signal input