



LASER DISPLAY SYSTEM

MANUAL

SEVEN STARS[®]

Big Dipper Laser Science And Technology Co., Ltd
REV: 2.00

Please read this manual carefully before operating

LASER DISPLAY SYSTEM USER MANUAL

Model: K100

Notices information

1. This is 3B laser product .Avoid eyes direct exposure to the laser light.
2. Operate abide by the user manual .Do not disassemble or repair the system by yourself. When there is a problem, please contact technician, or your local dealer.
3. Installation should be done by professional technician.
4. Please set the laser product far away from those things as strobe light.
- 5.The system should be kept dry .please don't exposure the system to wet or dust-laden environment need water proof environment in the open air
6. Do not touch the system by wet hand or pull the power cable forcefully.
7. The work temperature is 10-40°C ,so the laser conduct doesn' t work normally until it reach the work temperature when taking it in from cold environment .
8. Do not turn on or off the system frequently, and avoid keep it working for long time.
9. Prevent from strong vibration or G-shock to the system.
10. Prevent other harmful objects from entering the system.
11. Keep at least 1 meter between the system and the objects in the lighting.

Maintenance

Clean the lens regularly. Do not use a wet cloth or chemicals; use a damp cloth. The maintenance period depends of the usage frequency and surrounding conditions of the LASER display system. It recommended that the system should be cleaned every 15 days.

Warning

Power off any related system before maintenance.

Declare

The end-user of this product should abide by the above instructions and warnings. Performing actions which was advised not to do so as stated by this manual may void the warranty of this laser display system.

All products made from Big Dipper Laser Company have anti - fake identification. please verify the anti-counterfeit label at the bottom of the case to ensure the interests of consumers.

12. Connect the power cable after the system has been installed.
13. Before powering on the system, be sure the power cable is connected into the power socket well.
14. Turn off the system for 25 minutes after running constantly for three hours, ensure that the system is able to cool down in a suitable environment.
15. Turn on the computer after the laser display system is on, or you must power on the computer again.
16. When to be transported, use the original package to avoid Shaking.
17.  This sign indicates separate collection for electronics and electrical equipment.

Inspection information

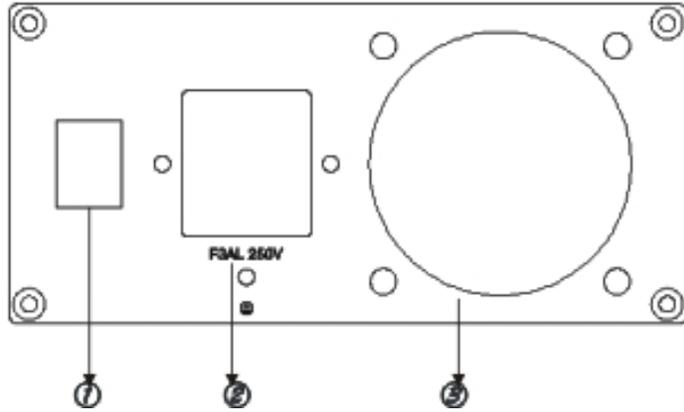
Check that the following components are present within the package when receiving system - from the list bellow:

- | | |
|--------------------------|-----------------|
| 1 x LASER display system | 1 x User manual |
| 1 x Power cable | 1 x DMX cable |

Installation

1. Be sure that there is no flammable or explosive subjects nearby. The least clear proximity from the system should be 1.5 meters. At the same time, keep more than half a meter between the wall and LASER display system.
2. Be sure the power socket output voltage matches that off the LASER display system.
3. Ensure the fan and the exhaust is not blocked.
4. The LASER display system should be statically fixed.
5. It is essential to be earthed well for the sake of safety.

Back panel



1. ON/OFF: Power Switch
2. F3AL 250V: Input power with internal fuse(3A)
3. FAN

Technical Parameters

Model		K100
Parameters		
1	LASER diode	Green
2	Power supply	AC220/110V, 50/60HZ
3	LASER power	$G \geq 20\text{mW}$
4	Scanner angle	$\pm 18^\circ$
5	DMX Channels	12
6	Control mode	Sound
7	Peculiarity	Simple operation, plug and play
8	Effect	Capable show more than 40 light beams and patterns. Displaying laser patterns specified by international laser display association, such as diffusing laser network, slowly rotating color fan, time and space tunnel and fairy flowers etc.
9	Dimensions	210*145*115 mm
10	Net weight/ Gross weight	1.4/1.7Kg