



LASERWORLD CS-1000RGB

Safety Guide

Please read the below guide on the safe operation of the laser system

The Laserworld CS-1000RGB is a Class 4 laser display system with a typical power output of 1,000mW, and guaranteed minimum output of 800mW. This display system has the capability to cause serious injury or damage if it is misused.

It is the responsibility of the operator to ensure the safety precautions are followed. BJ's is not liable for any injury or damage as the result of operator misuse or negligence.

CS-1000RGB Specification

Total Power typical:	1'000 mW
Guaranteed power:	800 mW
Beam Specifications:	ca. 3 mm / 2 mrad
Laser Class:	4

Safety Precautions;

Setup

It is recommended to mount the laser on a 2.5m to 3m high stand and aim the laser over the audience's heads. There is a scan guard fitted to the laser, this should be adjusted to prevent the laser from unintentionally scanning down into the crowd.

Operation

The CS-1000RGB can operate via sound, auto, ILDA, and DMX. For standalone operation (sound/auto) it is recommended to position the laser overhead and utilise the scan guard to prevent unwanted crowd scanning. For DMX and ILDA control it is advised to control the laser overhead for the best effect.

Crowd Scanning

For crowd scanning effects, there must be **at least 7m** between the CS-1000RGB laser and the closest point of the crowd/audience.

If you cannot 100% guarantee the 7m distance during the entire performance then it is strongly advised you use the scan guard to prevent the laser from scanning into the crowd.

Getting Started

1. Fit the Interlock plug and safety keys to the laser, ensuring the key is in the 'OFF' position
2. Check the SFS switch is in the ON position
3. Connect to mains power and power on
4. Using the menu select the operation mode and press enter to save the selection
5. When safe, lower the scan guard and turn the safety key to the 'ON' position