

Specification: 3D animation laser light projector

Model Number		ST-LASER15W (for EXAMPLE)
HARDWARE	R.G.B.	R:4W-638NM G:5W-520NM B:6W-445NM
	Light type	Japan Nichia diode chip
	Laser scanning	60 degrees/40KPPS (angle and speed)
	Cooling	Fans system
	Optical lens	double-sided coating, reflectivity of 99%
	Laser spot size	<6.8mm
	Emission angle	<0.8mrad (full angle)
	Laser modulation	TTL, analog signal
	Laser class	Class IV
	SD effect	more than 128 BEAM animation programs
	DMX channel	17 channels/SD laser control system
	Working Temp(°C)	-40~+50 degrees Celsius
	Life Expectancy	≥ 10000 Hours
	Power voltage	100~240 VAC, 50/60 HZ
	Lamp power	200 watts
	Control mode	automatic operation, master-slave synchronization, sound control, international DMX512 protocol (compatible with all major laser control software)
Applications	bars, KTVs, performing arts bars, dance halls, hotel banquet halls, entertainment venues, etc.	

MORE PICTURES (for REFERENCE)





Key Features:

1. Laser light source: imported laser, high stability, long service life, higher reliability, lower The divergence of <1.6 mrad (full angle); has a good beam effect, long service life, and good observation effect. However, it can achieve a variety of beam interspersed performances (single beam, multiple beams, fan-shaped, space-time tunnels and other effects), horizontal rotation scanning projection.
2. Safety: pure ILDA control panel, safety key switch, laser start, stop box for delayed appearance (delay), sliding protection aperture, shutter, scanning failure protection, etc. There is a power-off protection system device, which is waterproof, dust-proof, moisture-proof, anti-corrosion, rust-proof, and a good sealing system. The efficient cooling and heat dissipation area covers 50% of the chassis area.
3. Built-in temperature control system can automatically adjust the temperature and work stably at -40°-40°.
4. Convenient control, can remotely control the opening and closing of the equipment
5. Long viewing distance, single beam of 8-10 kilometers, multiple beams of 1-2 kilometers, depending on the project's ambient light and viewing position.
6. Number of projected beams: 1-50 beams can be controlled according to on-site effects, projection beams More brightness and range will decrease.
7. Precise and reasonable structure design, using the best materials for production.
8. There is a power-off protection system device, a good sealing system such as rain, dust, moisture, and constant temperature control;
9. It can be remotely controlled by wireless, and it can automatically turn on and run automatically and shut down the system automatically to achieve unattended function;
10. As the carrier of the laser, the water curtain has the advantages of smoothness, high reflection, dazzling colors, strong penetrating power, and shocking impact;
11. It can produce special spatial beam effects and beam interference effects;
12. Built-in pangolin FB4 professional laser light control software, which can play the programmed beam/animation laser program offline, and the laser effects and graphic signals are completely digitalized and programmed directly by professional laser software;

Laser Control Software:

Model: FB4 DMX with QuickShow

Contains: ①pangolin QS USB version FB4 control box; ②network cable; ③12V power adapter

The control system includes:

- 1) professional PANGOLIN full network control ILDA SD card
- 2) offline playback, automatic player
- 3) full color OLED display for editing beam, text, animation, pattern at any time
- 4) support DMX, ArtNet, ILDA, OSC, and C1TP signal module
- 5) Customized design, support output of up to 120Kpps galvanometer scanning signal, support 6-channel laser color emission, improve laser signal emission algorithm, increase interpolation, improve transmission protocol, support simultaneous control of more laser lights.
- 6) Operating environment: Windowsxp (32bit/64bit)
Windows7,10(32bit/64bit)