

LASER TECHNIQUE

Nu Light Systems provide laser lighting products covering a broad range of lasers for any application, from budget low power systems, through to high-end full animation systems with powers ranging from 50mW up to 5000mW. We design and manufacture all our lasers.

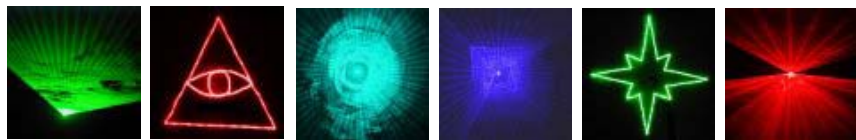


MINI DMX: Our basic low cost laser system that operates in 16 stand-alone modes or via DMX with 4 channels controlling pan position, beam, audio and effect. There are 64 effects, built in sound to light, 150° panning stepper motor for wide coverage. The MINI DMX

comes in 4 powers of 30, 50, 100, and 150mW green. This is an excellent laser for mobile and basic club use.



DMX GRAPHIC SCANS: These are the first graphic lasers, which fall into the intelligent lighting category and are designed for the club venue, which requires greater flexibility in a laser display product. The lasers allow the user to achieve all the classical volumetric laser effects in smoke coupled with graphic capability at a fraction of the cost of a expensive high end system. They are operated via DMX512 and use 8 DMX channels.



- 26 Graphics with 6 Modulations giving 156 effects • 6 banks of scrolling text programmable via DMX • Full pan and tilt movement for wide area coverage •

- Sealed optics for low maintenance • Strobe, pattern modulation effects and pattern size control •

The pan and tilt mirrors allows the laser to rove over a much larger area than a traditional system, and so is not limited to one field of projection. The lasers are available in various power versions 50mW - 5W Green, 50 - 500mW Red, and 50 - 500mW Blue.

LASER ANIMATOR SYSTEMS: The Laser Animator Systems are PC based and can create stunning laser shows with full animation capabilities.

The editor is used to create the laser animations, and comes with a comprehensive range of editing and animation tools making the creation of animations very simple, and in a manner similar to Shockwave Flash. The software supports colour and 8 external outputs.



The player is used to play back animations that have been created with the editor program, it provides functions such as cue and play lists so that many different animations can be combined together to form a complex show. It is also possible to set start times for animations so that the whole system can

be left on its own for full automatic control which cycles. The player also supports a special function where certain keys on the keyboard can be configured to start animations, play single shots or continuous play so that a live control environment can be created. The whole system is ideal for club use, promotional media events, and advertisement.

The interface connects to the PC's parallel port. The minimum PC requirements are a 1.5GHz processor, 256MB RAM, 1.5GB free disk space and a EPP parallel port. Powers of 50mW - 5W Green, 50 - 500mW Blue and 50 - 500mW Red are available.

MULTICOLOUR WHITE LIGHT PANGOLIN LASER SYSTEMS:

When an animation laser is required with full multicolour capabilities then we use Pangolin Software as the control system so that you get the best product and results for your application. Pangolin's laser control software is called Laser Designer 2000 and it is the industries most sophisticated control software that is available. There are powerful animation and effect tools that make show making very easy. Lasershow Designer 2000 comes with almost 100 full shows and nearly 300,000 clip art frames, along with a very comprehensive user manual. Powers of 300mW - 3W whitelight are available.

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