

# KVANT Clubmax 6000

## Laser Display Systems



Type:	full colour semiconductor diode laser system
Guaranteed optical output:	6000mW
Suitable for:	indoor/small outdoor laser displays and laser graphics
Control signal:	ILDA   for Ethernet, ArtNet and SD card see Options below
Scanning system:	ScannerMAX 506 Compact   40kpps @ 8° [see Options below]
Safety:	fully complies with the latest EN 60825-1, FDA regulations and TUV Laser Safety.
Weight:	11.6kg
Package includes:	heavy duty flight case, power lead, 10M ILDA signal cable, E-STOP remote with 10M cable, set of 4 safety keys, interlock connector, CD with PDF manual.
R   G   B [mW]:	1300   1800   3000 [see note]
Beam size [mm]:	3.5 x 4
Beam divergence:	<1mrad [full angle]
Modulation:	analog, up to 50kHz
Power requirements:	100-230V/50Hz
Consumption:	max. 350VA
Operation temperature:	10-40 °C
Ingress protection rating:	IP54
System features:	Power output adjustment for each colour, X & Y axes invert, X & Y size and position, scan-fail safety mode selector, scanning system protection, daisy chain of emergency STOP signal for multiple system "one-hit" operation.
Laser safety features:	Keyed interlock, emission delay, magnetic interlock, scan-fail safety, V-RAD 506 mechanical shutter   reaction time <20ms, adjustable aperture masking plate.

\*Due to Advanced Optical Correction technology used in our laser systems the optical power output of each laser colour within the system may slightly differ from the specification of respective laser module(s) installed. This does not affect the guaranteed total output power.

Kvant Clubmax 6000 is a cost effective and low maintenance laser display system with beam properties and sophisticated design that make it very efficient with up to 6000 people capacity venues. It also offers long life span and performance that is sure to please your audience, whilst saving you time and money.

The Clubmax lasers are radically simple solution for anything from several thousand people raves to the smallest private clubs and cosy venues. Developed with regard to challenging clubbing environments the design is optimised to allow for long maintenance intervals.

### Main features of Clubmax 6000 laser display system:

- TrueRGB colour management ensures consistent colours across the whole range and near linear response of brightness modulation output.
- Redesigned main chassis for better and quieter cooling management.
- New back panel with comprehensive number of control features.
- Externally accessible beam alignment mechanism.
- Direct compatibility with PangoIn DiscoScan 2.0 lens and SafetyScan lenses.

### 2016 improvements:

- 40kpps scanning speed with default ScannerMax 506 scanning system; up to 90kpps using Saturn 1 (optional).
- All Clubmax systems are certified for TUV Laser Safety.

This laser projector uses our latest semiconductor diode laser technology together with some other features you would hardly find on laser from other manufacturers at this price level. Its robust and sturdy design makes it an ideal laser system for permanent installations and hire.

Every Clubmax 6000 is delivered with Quality Control Certificate with recorded power output values of red, green and blue laser modules which are measured during the final quality control check.