

Maxim G1800

Laser Display Systems



Type:	single colour semiconductor laser diode system
Guaranteed optical output:	1800mW
Suitable for:	indoor laser displays and laser graphics
System control:	ILDA, (Ethernet, ArtNet and Auto-mode are available via optional Quick Connect FB4 control interface)
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:	8.8kg
Package includes:	power lead, 10M ILDA signal cable, E-STOP remote with 10M cable, set of 4 safety keys, interlock connector, CD with PDF manual.
Beam size [mm]:	3.5x3.5
Beam divergence:	<1mrad [full angle]
Modulation:	analog, up to 100kHz
Power requirements:	100-230V/50Hz
Consumption:	max. 250VA
Operation temperature:	10-40 °C
Ingress protection rating:	IP54
System features:	Power output adjustment, 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.

Our iconic Maxim series went through dozens of changes over the years but the core remains the same; a quality laser source with laboratory grade optics wrapped in a robust aluminium shell for confidence and peace of mind. The KVANT Maxim G1800 laser display system is based on our own semiconductor laser diode technology which is hard to beat when it comes to price to performance ratio.