MINI DMX Laser Specifications:

DMX DETAILS:

Channel 1 - Pan position	Pin 1 - Ground
Channel 2 - Effect selection	Pin 2 - Negative
Channel 3 - Beam on / off	Pin 3 - Positive
Channel 4 - Audio on / off	

OPTICAL:

Laser Source	: Green DPSS,
Maximum Optical Power	: 30, 50, 100, 150mW - 30mins to stabilise,
Classification	: 3B,
Wavelength	: 532nm Green,
Beam Divergence	: 2mrad Green,
Beam Diameter	: 2mm Green,
Laser Life	: 5000Hrs,
Optics	: Front surface enhanced aluminium mirrors with Anti Reflective coated output window,
Shutter	: Solid State Switching
Maximum Scan Time	: 5mS Exposure.

OPERATING MODES AND EFFECTS:

- 64 Effects,
- 150° Panning Stepper Motor,
- Built in Sound to Light,
- 16 Standalone Modes / DMX Control
- XY Scanners.

POWER SUPPLY:

- Linear power supply for electronics and laser,
- 210 - 250 VAC Operation,
- 60 Watt power consumption.

CONFORMITY / SAFETY FEATURES:

- CE Conformity to : EN 55011:1991 CLASS B (conducted and radiated),
  EN 61000-4-2:1995,
  EN 61000-4-3:1995,
  EN 61000-4-8:1994,
  LOW VOLTAGE DIRECTIVE,

- Recommended viewing distances for audience scanning. Note that these energy densities are approximate calculations based on the information provided in the HS(G)95 guide book.

Laser Power (mW)	MPE Energy Level (J/m^2)	Save Viewing Distance (m) in no Smoke and Energy Level (J/m^2)	Save Viewing Distance (m) in Low Density Smoke and Energy Level (J/m^2)	Save Viewing Distance (m) in Medium Density Smoke and Energy Level (J/m^2)
30	0.338	9.5, 0.333	5.4, 0.335	3.5, 0.308
50	0.338	12.5, 0.335	6.3, 0.336	3.9, 0.331
100	0.338	18.1, 0.335	7.4, 0.336	4.4, 0.335
150	0.338	22.3, 0.338	8.0, 0.317	4.7, 0.282

PHYSICAL:

System Dimensions	: 465 x 180 x 110mm,
Weight	: 5.0Kg,
Operating Temperature	: 5-40°C,
Packaging Size	: 600(l) x 300(w) x 225(h)mm,
Packaged Weight	: 7.0Kg.

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