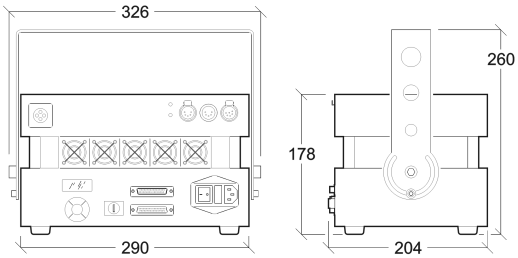
The Martin RGB Laser 1.6 is a compact and lightweight Class 4 laser with deep saturated colours and true whites, and an impressive spread angle of 80 x 80 degrees.

- 80 x 80 degree projection angle
- Long diode lifetime
- Wavelengths calibrated close to Absolute White; intense blue of 446 nm.
- Noise level less than 42 dBA at 1 m (3.3 ft)
- Weatherproof rating: IP52
- Extremely robust, system does not misalign under regular touring conditions
- 2-year/3000 hrs. warranty
- Maintenance-free
- Storage for 256 cues, can be edited/overwritten
- Contrôle DMX
- Can be operated with any ILDA-compatible controller
- Real-time effect programming, editing and viewing
- Martin Laser Software included



Données Physiques

Longueur: 290 mm
Largeur: 204 mm
Hauteur: 178 mm
Length including mounting yoke: 326 mm
Height including mounting yoke: 260 mm
Poids: 11.2 kg

Contrôle et Programmation

Options de controle: DMX, ILDA, PC software, mode d'auto-démarrage autonome
Resolution x et y: 12-bit
Resolution RGB intensity: 8-bit
Canaux DMX: 4, 8, 12 or 16
Demo sequence: Storage for 256 cues, can be edited/overwritten
Programmes autonomes: 128 MB, 432 linkable/loopable cues
Adressage DMX: Onboard control panel with backlit LCD display
Programme autonome: PC software
Projection settings and data readouts: Onboard control panel with backlit LCD display
Protocole: USITT DMX 512-A

Laser

Class: 4
Type: Diode laser, cw emission
P lambda 440 nm - 660 nm: Max. 2000 mW cw
White light output: 1.3 W
Maximum output: 1.6 W
Beam divergence: 0.8 mrad
Red wavelength: 650 nm +/- 5 nm
Green wavelength: 532.5 nm +/- 0.5 nm
Blue wavelength: 446 nm +/- 3 nm

Projector

Horizontal projection angle: 80°
Vertical projection angle: 80°
SASRT (step response time): 0.3 ms

Construction

Enveloppe: Aluminium
Finition: Noir
Facteur de protection: IP52

Installation

Orientation: toutes
Minimum distance to persons and objects in beam zone: 2 m
Minimum height above publicly accessible floor: 3 m
Distance minimale aux matériaux combustibles: 1 m
Distance minimale aux surfaces éclairées: 2 m
Espace minimum autour de l'appareil: 30 cm
Relative humidity limits: 0% - 90% non-condensing

Connections

Entrée secteur: fiche mâle IEC 3 broches, cable fournis
Analog (ILDA) in/out: 25-pin sub-D
Données DMX in/out: 5 pin
Programming and uploads: USB 2.0 (6-pin XLR chassis connector)

Alimentation

Courant alternatif: 100-240 V, 50/60 Hz
Bloc d'alimentation: auto détection électronique du secteur
Fusible principal: 2.5 AT (temporisé)

Puissance et Courant

100 V, 60 Hz: 180 W, 1.8 A
110 V, 60 Hz: 180 W, 1.7 A
115 V, 60 Hz: 180 W, 1.7 A
120 V, 60 Hz: 180 W, 1.7 A
220 V, 50 Hz: 180 W, 0.7 A
230 V, 50 Hz: 180 W, 0.7 A
240 V, 50 Hz: 180 W, 0.7 A
Mesures faites au voltage nominal. Avec une déviation possible de +/- 10%

Données Thermiques

Température ambiante maximum (Ta): 40° C
Température ambiante minimum: 5° C non-condensing
Recommended storage temperature: 20° C to 25° C
Refroidissement: Forcé

Acoustique

Sound pressure level: <42 dBA at 1 m, steady state, Ta 25° C

Normalisation

US sécurité: IEC 60825-1 / FDA Laser Notice 50
US Federal Standard: 21 CFR 1040.10 and 1040.11 (c)
Canada: CSA C22.2 No. 60950-1
EU sécurité: EN 60825-1, EN 60950
EU CEM: EN 55022, EN 55103-1, EN 55103-2, EN 61000-3-2, EN 61000-3-3

Accessoires Fournis

CD with Martin RGB Laser Show software, cue library and firmware
Two security keys: P/N 50521000
Interlock connector (AMP): P/N 05347230
Lyre réglable: P/N 56600069
5 m USB 2.0 to 6-pin XLR adapter cable
3 m power cable, IEC, Schuko plug: P/N 11501020
1.8 m power cable, IEC, US plug: P/N 11501502
1.8 m power cable, IEC, without plug: P/N 11501010
Manuel d utilisation: P/N 35000189

Codes de Commande

Martin RGB Laser 1.6 emballage carton: P/N 90432000
Martin RGB Laser 1.6 livré avec flightcase: P/N 90432001