



LIVE LASERSYSTEMS

Arnethgasse 80, 1160 Vienna, Austria

KORE 24

RGB Diode Laser Projector

RGB Dioden Laser Projektor





LIVE LASERSYSTEMS

Arnethgasse 80, 1160 Vienna, Austria

Specifications

Spezifikationen

| | | |
|---|--|---------------------------------|
| Description | RGB diode laser projector | Beschreibung |
| Laser Sources | diode lasers | Laserquellen |
| Diode Drivers | ColorDRIVE by LIVE Lasersystems | Diodentreiber |
| Modulation | > 200kHz, analog | Modulation |
| Output Power Total | 24600 mW (max.) | Gesamtausgangsleistung |
| Output Power Red | 6000 mW (max.) | Laserleistung Rot |
| Output Power Green | 6600 mW (max.) | Laserleistung Grün |
| Output Power Blue | 12000 mW (max.) | Laserleistung Blau |
| Wavelength Red | 638 nm (+/- 5 nm) | Wellenlänge Rot |
| Wavelength Green | 525 nm (+/- 5 nm) | Wellenlänge Grün |
| Wavelength Blue | 455 nm (+/- 5 nm) | Wellenlänge Blau |
| Divergence (half angle) | < 0.8mrad | Divergenz (Halbwinkel) |
| Beam Diameter (FWHM) | < 4.5 x 4.5 mm | Strahldurchmesser (FWHM) |
| Beam Expansion | EMS-6000, 33kpps (at 8° ILDA) or EMS-8000, 60kpps (at 8° ILDA) (optional) | Strahlaufweitung |
| Control | ILDA or FB4 (Streaming, DMX, ArtNet, sACN) (opt.) | Ansteuerung |
| Power Requirements | 90-250 V AC max. 300W or 90-250V AC max. 450W (outdoor version) | Stromanforderungen |
| Operation Temperature Ambient | 5°C - 40°C or -10°C - 40°C (outdoor version) | Betriebstemperatur Umgebung |
| Dimensions (WxHxL, without hanging bracket) | 305 mm x 335 mm x 270 mm | Abmessungen (BxHxL, ohne Bügel) |
| Weight | 9.0 -10.8 kg (approx.) | Gewicht |



LIVE LASERSYSTEMS

Arnethgasse 80, 1160 Vienna, Austria

Safety

Sicherheit

| | | |
|-----------------------|---|-----------------------------|
| EN 60825-1 | compliant | EN 60825-1 |
| ÖNORM S 1105 | compliant | ÖNORM S 1105 |
| FDA CDRH | ready | FDA CDRH |
| Scan-fail Safety | yes | Safetyschaltung |
| Beam Shutter | electronical | Strahlschalter |
| Housing Safety Switch | yes | Gehäuse Sicherheitsschalter |
| Interlock System | yes (Advanced Interlock System) parallel & daisy-chain enabled | Notaussystem |
| Hanging Bracket | yes (+safety eye) | Hängebügel |

Features

Ausstattung

| | | |
|----------------------------|--|--|
| Laser sources | all optical beam corrected | Laserquellen |
| Air Sealed Optical Section | yes, laser module | Hermetisch abgetrennter optischer Bereich |
| Temperature Control | full bridge TEC, fans and heater (optional) | Temperaturkontrolle |
| Temperature Monitoring | overheating/undercooling protection | Temperaturüberwachung |
| Connectors | original Neutrik | Anschlüsse |
| Fan Operation | temperature controlled | Lüfteransteuerung |
| Housing | aluminium, black powder coated | Gehäuse |
| Hanging Bracket | aluminium, black powder coated | Hängebügel |
| Intensity Settings | rotary knob or FB4 settings (opt.) | Helligkeitsregelung |
| Output Size Settings | none or FB4 settings (optional) | Einstellbare Ausgabegröße |
| Axes Inverting | switch or FB4 settings (optional) | Achseninvertierung |
| Power connection | Neutrik Powercon | Stromanschluss |



LIVE LASERSYSTEMS

Arnethgasse 80, 1160 Vienna, Austria

Images

Bilder

KORE Series

KORE Serie





LIVE LASERSYSTEMS

Arnethgasse 80, 1160 Vienna, Austria

Technical Drawings Technische Zeichnungen

KORE 5, 12, 24, 5 HD, 12 HD, 24 HD, Custom, Position

