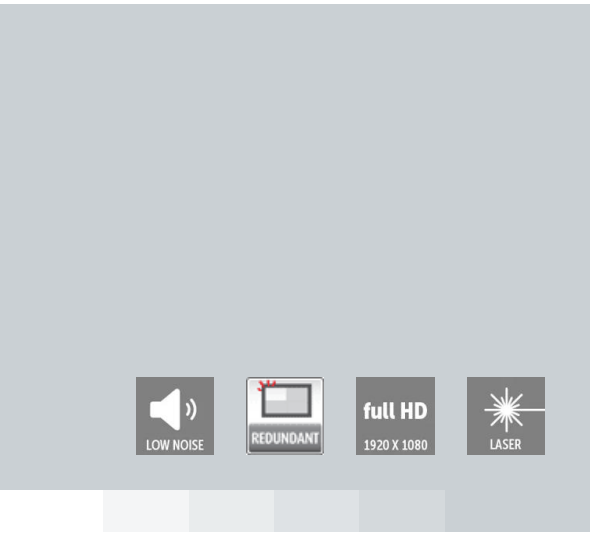
MVL-721 Laser Upgrade Kit

Upgrade your current video wall investment with improved brightness, color gamut and lifetime



- **Lower TCO**
- **Latest & future-proof technology**
- **Ultimate image quality step-up**
- **Increased lumen/watt**
- **Up to 50% reduction on power consumption**
- **Silent like never before ('library' noise level)**

Barco's introduction of RGB Lasers as a light source has given rear-projection video wall technology a substantial and inventive boost. Incorporating higher brightness, an extended color gamut and a longer lifetime, the RGB Laser technology offers a number of important advantages compared to LED technology. Barco is now offering owners of the legacy LED based MVL-721 system, the opportunity to upgrade their installation.

Ready for years of additional service

By simply integrating the new RGB Laser-based projection module into your existing mechanical structure, your system is ready for years of extra service without any architectural or physical impact within your environment. Moreover, the upgrade can be performed without system or operational downtime. Existing video walls are fully compatible with the latest RGB Laser projection engine.

Why upgrade to RGB Laser?

Upgrading to RGB Laser has distinct advantages, making it a smart and future-proof move: • RGB Laser reduces operational costs with superior Total Cost of Ownership • 2x higher brightness combined with longest lifetime • Ultimate Image quality step up: superior color saturation, focus and contrast • Improved focus and contrast with more accurate colors • Up to 50% less power consumption at higher brightness levels • 50% less effort required for installation (motorized 7-axis alignment) • 25% less noise ('library' noise level) • Redundancy of critical components for ultimate peace of mind • Upgrade from Sense6 (old generation) to the new Sense X technology for superior automatic real-time color & brightness calibration • Longer lifetime of uninterrupted operation in 24/7 mode

Product specificaties	MVL-721 LASER UPGRADE KIT
General specifications	
Article number	R9869640: Upgrade MVL-721 -> ODL-721
Schermhelderheid (bij native kleurenspectrum)	Screen types: High Brightness : 824 cd/m2 (WV-FEL) / 700 cd/m2 (FXS) Normal : 660 cd/m2 (WV-FEL) / 560 cd/m2 (FXS)
Resolutie	Full HD (1920 x 1080 pixels)
Energieverbruik	Normal: 200 W Eco: 120 W
Contrast op scherm	1800:1
Scherm	Support to already installed FXS or WV-FEL installed at customer site
Kleur	Up to 170% REC709 color triangle
Weergavetechnologie	Rear projection DLP (Rear Access)
Wit punt	Customized white points
Ruimte tussen schermen	As per already installed screen
Helderheidsuniformiteit	Typ. ▯ 95% ANSI 9 Typ. ▯ 90% ANSI 13
Afmetingen	Depth: 1310 mm
Lichtbron	RGB laser illumination (Laser Class 1 RG2)
Ingangsspanning (wisselstroom)	100 – 240 VAC, 50-60Hz
Levensduur lichtbron	> 125.000 hrs. in both Normal and Eco mode
Geluidsniveau	Less than 20 DB (measured from 3 meters in front)
Connectiviteit	2x DP1.2 inputs & 1x output (4K@60Hz) 2x HDMI 2.0 inputs (4K@60Hz) 2x USB ports (only for power) 2x Ethernet ports
Gebruiksomstandigheden	5°C-35°C | 41°F-95°F Up to 80% humidity (non-condensing)
Warmtedissipatie	Normal: 680 BTU/h Eco: 390 BTU/h
Integratie met apparatuur van derden	WEB service API
HDCP	2.2 compliance
Signaalverwerking	Loop through Cropping, scaling with wall configuration
Directe Ethernet-toegang	Built in web server
Grafische gebruikersinterface	All settings and operational parameters
Garantie	2 years

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