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 rearprojection 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



General specifications R9869640: Upgrade MVL-721 -> ODL-721 On-screen brightness (under native color gamu) Screen types: High Brightness : 824 cd/m2 (WV-FEL) / 700 cd/m2 (FXS) Normal : 660 cd/m2 (WV-FEL) / 560 cd/m2 (FXS) Resolution Full HD (1920 x 1080 pixels) Power consumption Normal: 200 W Eco: 120 W On-screen contrast 1800 1 Screen Support to already installed FXS or WV-FEL installed at customer site Color Up to 170X REC709 color triangle Display technology Rear projection DLP (Rear Access) White point Customized white points Screen gap A per already installed screen Brightness unformity Typ. 19% ANSI 15 Dimensions Depth: 1310 mm Light source RGB laser illumination (Laser Class 1 RG2) AC input voltage 100 – 240 VAC, 50-60Hz Light source lifetime > 125,000 hrs. In both Normal and Eco mode Noise Level 25 DD1 grups to 1x output (AKg60Hz) 2x HDMI 2.0 inputs (AKg60Hz) 2x US8 ports (only for power) 2x Ethermet ports Conditions for operation SrC-35°C [41°F-95°F Up to 80% humidity (non-condensing) Heat dissipation Normal: 680 BTU/h Eco: 390 BTU/h Integrati	Product specifications	MVL-721 LASER UPGRADE KIT
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Warranty 2 years	Graphical user interface	All settings and operational parameters
	Warranty	2 years

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ENABLING BRIGHT OUTCOMES

BARCO