

# Upgrade to an RGB Laser video wall

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



full HD  
1920 X 1080

4:3  
RATIO



- Lower TCO
- Latest & future-proof technology
- Ultimate image quality step-up
- 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 LAMP or LED technology. Barco is now offering owners of legacy lamp or LED based systems, (50", 67", 70" or 80") the opportunity to upgrade their system. More information about the models is listed in the spec overview below.

## 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 Sense<sup>6</sup> (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 specifications****UPGRADE TO AN RGB LASER VIDEO WALL****Lamp-based to RGB Laser options**

67" 4:3	UPGRADE cDG67 -> ODL-6715 R9867107
67" 4:3	UPGRADE OV-6715 -> ODL-6715 R9867108
67" 4:3	UPGRADE cDR+67 -> ODL-6715 R9867109
70" 4:3	UPGRADE OV-7xx -> ODL-715 R9867105
80" 4:3	UPGRADE OVL-8xx -> ODL-815 R9867104
80" 4:3	UPGRADE OV-8xx -> ODL-815 R9867103
80" 4:3	UPGRADE cDG80 -> ODL-815 R9867140
80" 4:3	UPGRADE cDR+80 -> ODL-815 R9867141

**LED-based to RGB Laser options**

70" 16:9	UPGRADE OL-7xx -> ODL-721 R9845640
80" 4:3	UPGRADE cDG67 -> ODL-6715 R9867107
70" 16:9	UPGRADE MVL-721 -> ODL-721 R9845640
70" 4:3	UPGRADE OVL-7xx -> ODL-715 R9867106
50" 16:9	UPGRADE OL-521 -> ODL-521 R9869771
50" 4:3	UPGRADE OVL-515 -> ODL-515 R9869770
50" 4:3	UPGRADE OVL-508 -> ODL-508 R9869772*

**General Specifications**

Resolution	Full HD (1920 x 1080 pixels), 16:9 Aspect Ratio SXGA+ (1400x1050 pixels), 4:3 Aspect Ratio
Power consumption	120W (eco) 200W (normal)
On-screen contrast	1800:1
Color	Up to 170% REC709 color triangle
Display technology	Rear projection DLP
White point	Customized white points
Brightness uniformity	Typ. >95% ANSI 9 Typ. >90% ANSI 13
Color stability	Sense X automatic calibration
Redundancy	Redundant laser banks with redundant power supply drivers, input signal & external power supply
Light source	RGB lasers illumination (Lasers 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	Less than 20 dB (measured from 3 meters in front)
Connectivity	2x DP1.2 inputs & 1x output (4K@60Hz) 2x HDMI™ 2.0 inputs (4K@60Hz) 2x USB ports (only for power) 2x Ethernet ports
Conditions for operation	10°C-40°C   50°F-104°F Up to 80% humidity (non-condensing)
Heat dissipation	390 BTU/h (eco) 680 BTU/h (typ) 860 BTU/h (max)
Signal processing	Loop through Cropping, scaling with wall configuration
Integration to third party equipment	WEB service API
Direct ethernet access	Built-in web server
HDCP	2.2 compliance
Graphical user interface	All settings and operational parameters
Warranty	2 years
Notes	*Emulated XGA resolution

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