XLM HD30

The ultimate high-brightness projector

Barco's XLM HD30 projector is the brightest projector available on the market today. As the first DLP™ projector with a native wide-screen aspect ratio, native 2048 x 1080 resolution and light output of 30,000 center lumen, the XLM HD30 projector is ideally suited to ultra wide-screen and HD projections.

With its functional design, fully sealed DMD engine and adjustable convergence system, the XLM HD30 projector is purpose built to work around the clock, making it ideal for use in the demanding rental & staging and large events markets.

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Ultra bright wide-screen projection

Barco's XLM HD30 projector provides a native resolution of 2048 x 1080 pixels, which make it ideally suited to wide-screen projections that must deliver crisp, clear video and data content in the most demanding environments.

Using a 6.3kW Xenon lamp which produces 30,000 Center Lumen, the XLM HD30 projector guarantees the perfect high-impact projection in even the most critical application.

The XLM HD30 obviously is also the best choice for extreme bright HDTV projections/applications.

XLM HD30

Purpose built for demanding rental & staging applications

Reliable and built to work around the clock, Barco's XLM HD30 projector is a sturdy single box/cabinet projector.

- **Fully sealed DMD engine**
  Even at 30k lm, Barco's XLM HD30 features a fully sealed DMD engine that is protected against smoke and dust often found in entertainment and large event environments.

- **Multi image windowing**
  The XLM HD30 is able to show all 4 signal inputs simultaneously on screen. Leading the way in wide-screen projection, the XLM HD30 can be used for multiple window wide-screen presentations without the need for an external image processor.

- **Minimum image latency**
  Benefitial for live events the XLM HD30 uses latest technology to offer minimum image latency.

- **Easy to operate**
  Purpose built for use in the rental & staging industry, the XLM features an intuitive on-screen menu which ensures that the projector is easy and simple to operate.

- **Motorized tilt adjustment**
  Easy and fast motorized projection installation (eg. edge blending of 2 projectors) via motorized edge blending.

- **High quality edge blending**
  Via special 16 bit color process (P7), high contrast ratio (min. 1600:1) and Scenergix standard.

- **Rugged Remote Control**
  Each XLM HD30 is delivered inclusive of a Rugged Remote Control.

Rugged remote

- **User-configurable lay-out**
  The XLM HD30 projector also allows users to configure custom on-screen window lay-outs. Each individual lay-out can be stored and recalled throughout the presentation as required.

- **Projector Toolset**
  PC based application to control and remote diagnose XLMs and FLMs.

- **Flightcase**
  A specially designed flightcase is available optionally.

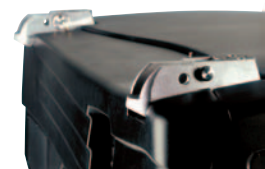- **Adjustable convergence system**
  Its adjustable convergence system allows for manual adjustments in the field.

- **Liquid cooling**
  An effective Liquid Cooling System enables the sealed engine to reliably handle the extremely high light output.

- **Integrated rigging points**
  The projector's integrated rigging points allow easy double-stack installations, which can be truss mounted. When placed on the ground, the XLM HD30 projector can even be triple-stacked without requiring additional support structures.

Integrated rigging points

Flexibility through modularity

- **Modular inputs**

  The XLM HD30 is equipped with four standard input slots which accommodate both analogue and digital inputs. As standard, each XLM HD30 projector (R9004460) comes equipped with RGB, DVI-D, SDI and HD-SDI input modules, which are all modular and can be exchanged with other input modules as required. The XLM HD30 is compatible with all sources ranging from RGB-analogue, RGB/YUV (15kHz), DVI-D, SDI, Composite Video/S-video and HD-SDI.

Modular inputs

- **Lamp power redundancy**

  Three equivalent 2kW lamp power supplies offer you the necessary redundancy; an interesting feature in the Rental & Staging Market.
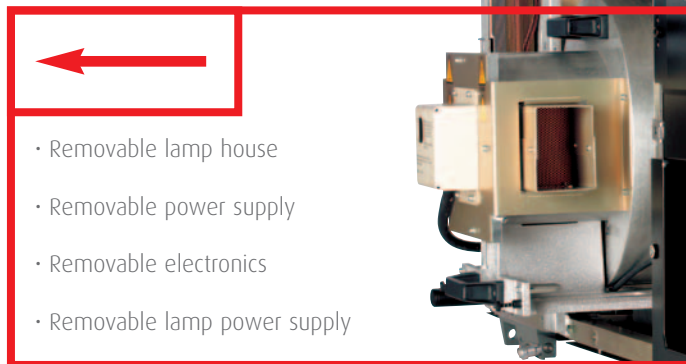
- **Lamp house module**

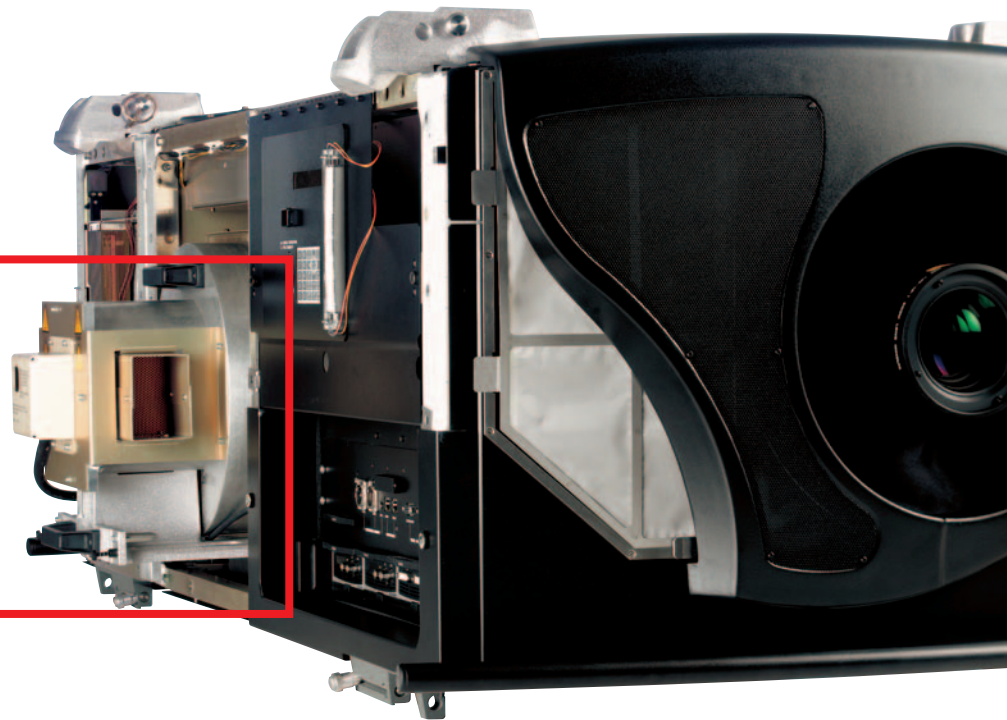 The XLM's lamp house module allows for quick, easy exchange of the projector's lamp.

- **Click & Play lens holder**

  A wide range of lenses can be used with the XLM to cover even the most critical applications. The stable click & play lens holder of the XLM HD30 makes lens exchanges quick, simple and easy.

- **Modular design**

  - Removable lamp house

  - Removable power supply

  - Removable electronics

  - Removable lamp power supply

XLM HD30 specifications

		DIMENSIONS
Light output [1]	30,000 center lumen	
Resolution	2,048 x 1,080 (native)	
Contrast ratio	1,600:1 (full field)	
High contrast mode	available with special lenses	
Lamp	6.3kW Xenon	
Lamp warranty	750 Hrs	
Max. ambient temperature	35°C (95°F)	
Power consumption	8,400 W	
Mains voltage	3 x 400 V + N or 3 x 220 V	
Weight projector	180 kg (400 lbs)	
Dimensions (W x L x H)	810 x 1,563 x 631 mm (31.9 x 61.5 x 24.8 inch)	

Dimensions diagram labels: 593mm (23.4"), 631mm (24.8"), 669mm (26.3"), 810mm (31.9"), 81mm (3.2"), 1,049mm (41.3"), 1,563mm (61.5")

FEATURES	
Sealed DLP core	standard
Scenergix	standard horizontal & vertical electronic edge blending
Network connectivity	standard (10/100 base-T; 2 ports, internal hub)
Advanced picture in picture	up to 4 sources simultaneous (with alfa blending; z-order)

INPUTS	
Input source compatibility [2]	1,600 x 1,200 (max. input)
Modular inputs - standard	1x DVI • 1x SDI • 1x HD-SDI (all + loop through) • 1x RGB analogue (up to UXGA)
Modular inputs - optional	1x composite video/S-video • 1x RGB/YUV (both + loop through)

ORDER INFORMATION	
Projector (incl. 4 inputs)	R9004460
Projector (incl. 1 DVI)	R9004461
Spare lamp	R9852411

LENSES		
Fixed focal lenses	XLD 1.0	R9852950
Zoom lenses	XLD 1.45 - 1.8	R9852090
	XLD 1.8 - 2.4	R9852092
	XLD 2.2 - 3.0	R9852094
	XLD 2.8 - 5.5	R9852100
	XLD 5.5 - 8.5	R9852920

[1] measured with XLD 1.45 - 1.8 on axis
[2] all current video sources in composite, S-VHS, RGB or component or Serial digital format
all current proposed HDTV, extended and improved television standards (1080i, 720p, ...)
computer and workstations with a resolution up to 1,600 x 1,200
most Macintosh computers
direct digital interfacing with current and future digital standards

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