

XLM H25



The ultimate high-brightness projector

Barco's XLM H25 projector is the ultimate high-brightness 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 28 000 center lumen, the XLM H25 projector is ideally suited to ultra wide-screen projections.

With its functional design, fully sealed DMD engine and adjustable convergence system, the XLM H25 projector is purpose built to work around the clock, making it ideal for use in the demanding rental & staging and large events markets.

BARCO

Visibly yours

Ultra bright wide-screen projection

Barco's XLM H25 projector is the first ever native wide-screen 3-chip-DLP projector. With its brand-new DMD chip-set, the XLM 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 6kW Xenon lamp which produces 28 000 Center Lumen, the XLM H25 projector guarantees the perfect high-impact projection in even the most critical application.



XLM H25

Purpose built for demanding rental & staging applications

Reliable and built to work around the clock, Barco's XLM H25 projector is a sturdy single box/cabinet projector.

- **Multi image windowing**

The XLM H25 is able to show all 4 signal inputs simultaneously on screen. Leading the way in wide-screen projection, the XLM H25 can be used for multiple window wide-screen presentations without the need for an external image processor.



Multi-image windowing

- **Fully sealed DMD engine**

Barco's XLM H25 features a fully sealed DMD engine that is protected against smoke and dust often found in entertainment and large event environments.

- **Minimum image latency**

Beneficial for live events the XLM H25 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.

- **Rugged Remote Control**

Each XLM H25 is delivered inclusive of a Rugged Remote Control.



Rugged remote

- **User-configurable lay-out**

The XLM H25 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.

- **Flightcase**

A specially designed flightcase is available optionally.

- **Adjustable convergence system**

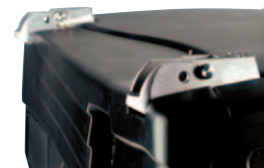
Its adjustable convergence system allows for manual adjustments in the field.

- **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 H25 projector can even be triple-stacked without requiring additional support structures.



Integrated rigging points

Flexibility through modularity

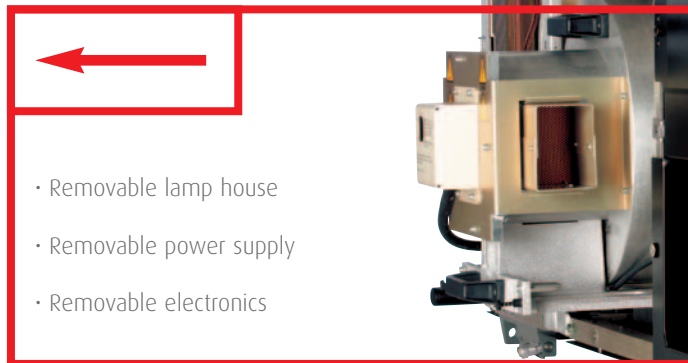
- **Modular inputs**

The XLM H25 is equipped with four standard input slots which accommodate both analogue and digital inputs. As standard, each XLM H25 projector 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 H25 is compatible with all sources ranging from RGB-analogue, RGB/YUV (15kHz), DVI-D, SDI, Composite Video/S-video and HD-SDI.

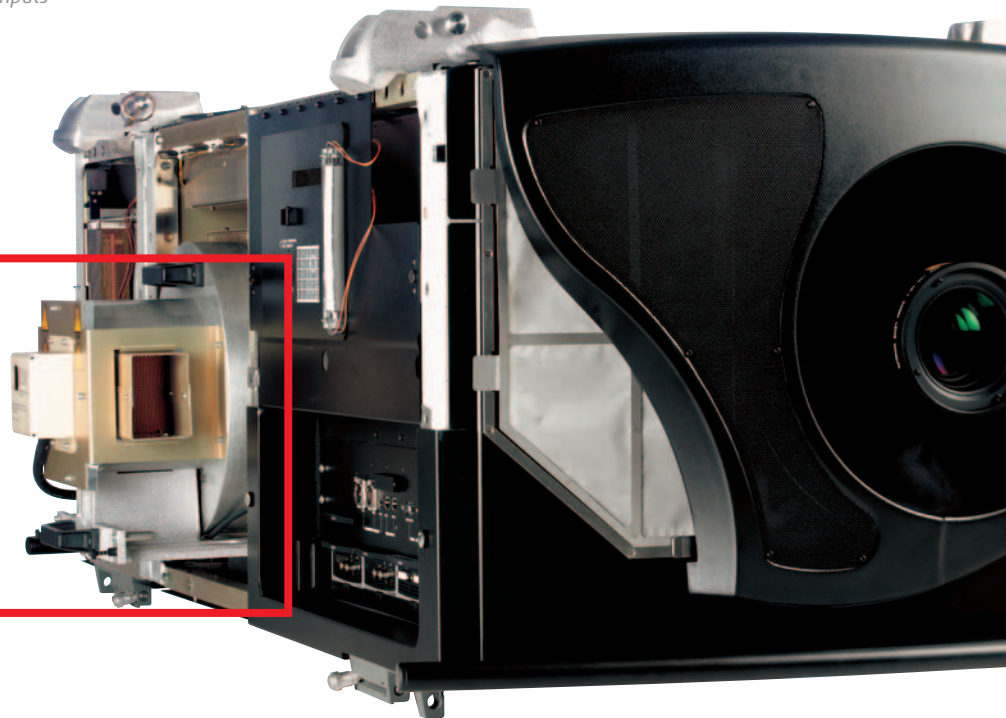


Modular inputs

- **Modular design**



- Removable lamp house
- Removable power supply
- Removable electronics



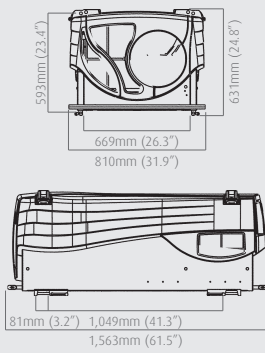
- **Compact lamp house module**

The XLM's compact 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 H25 makes lens exchanges quick, simple and easy.

XLM H25 specifications

Light output ⁽¹⁾	28,000 c lm	DIMENSIONS 
Resolution	2,048 x 1,080 (native)	
Contrast ratio	1,600:1 (full field)	
High contrast mode	available with special lenses	
Lamp	6.0kW Xenon	
Lamp warranty	750 Hrs	
Max. ambient temperature	35°C (95°F)	
Power consumption	8,000 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)	
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)	R9010100	
Projector (incl. 1 DVI)	R9010101	
Spare lamp	R9852410	
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



Ref.no. R599718 - December 2005

DLP™ technology by Texas Instruments offers crystal clear images with superior quality. DLP is a trademark of Texas Instruments.

The information and data given are typical for the equipment described. However any individual item is subject to change without any notice. The latest version of this product sheet can be found on www.barco.com.

Barco Events
 Noordlaan 5, 8520 Kuurne - Belgium
 Tel. +32 56 36 89 70 - Fax + 32 56 36 88 24
 email: sales.events@barco.com

