

# 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 DLPTM 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.

**PRODUCT SPECIFICATIONS****XLM H25**

<b>Light output</b>	28000 Center Lumen
<b>Resolution</b>	2048 x 1080 (native)
<b>Brightness uniformity</b>	> 80% for the total screen
<b>Contrast ratio</b>	1600 : 1 (full field)  High contrast mode: Available with special lenses
<b>Display</b>	3 Chip DLP DC2K (resolution of 2048 x 1080 pixels (aspect ratio 1.89:1)).
<b>Features</b>	<ul style="list-style-type: none"><li>■ Advanced multi windowing</li><li>■ Seamless switching with effects</li><li>■ Standard light shutter</li><li>■ Rigging point</li><li>■ Carrying handle</li><li>■ Electronic tilt</li><li>■ High contrast mode</li><li>■ P7 color processing</li></ul>
<b>Picture-in-picture</b>	Up to 4 sources simultaneous (with alpha blending; z-order)
<b>Inputs</b>	Modular inputs Standard: <ul style="list-style-type: none"><li>■ 1x DVI</li><li>■ 1x SDI</li><li>■ 1x HD-SDI (all + loop through)</li><li>■ 1x RGB Analogue (up to UXGA)</li></ul> Optional: <ul style="list-style-type: none"><li>■ 1x composite video/S-Video</li><li>■ 1x RGB/YUV (both + loop through)</li></ul>
<b>Outputs</b>	DB15 out (2048 x 1080 50/60 HZ)
<b>Communication</b>	· 1x RS-232C IN (D-9 connector) · 1x RS-232C OUT (D-9 connector) · 1x RS-232C IN (XLR connector) · 1x 2way prop. protocol to Rugged remote (5 pins XLR connector) · 2x prop. protocol (RJ45 connector) · mini-jack for wired remote control
<b>Compatibility</b>	· All current video sources (PAL, SECAM, NTSC) in Composite, S-VHS, Component or RGB formats · All currently proposed HDTV, extended and improved television standards (1080i, 720p) · All computer graphics formats from VGA, SVGA, XGA, SXGA,full HD to UXGA · Most Macintosh computers · Electronic workstations with a resolution up to 1600 x 1200 pixels at 75 Hz · Most computer sources with a pixel clock up to 200 MHz · DVI sources up to DC2K (2048x1080)
<b>Input source compatibility</b>	max. input: up to 2048 x 1080 and 1600 x 1200
<b>Screen size</b>	From 1-16m and higher / 3-52ft.recommended
<b>Scan Frequencies</b>	Pixel clock >162Mhz (UXGA 60hz)
<b>Network connection</b>	Standard (10/100 base-T; 2 ports; internal HUB)
<b>On board display server</b>	Ethernet control standard remote control projector over ethernet via Projector Toolset
<b>Ambient temperature</b>	Max 35°C (95°F)
<b>Lamp</b>	6.0 kW Xenon  Lamp warranty: 750 hrs
<b>Lenses</b>	Fixed focal lenses Lens Order nr XLD 1.0 R9852950 Zoom lenses Lens Order nr 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
<b>Lens Shift</b>	Vertical: -10% to +110% Horizontal: -50% to +50% (small differences occur per lens type)

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<b>Lens encoders</b>	On zoom and focus (with XLD lenses)
<b>Throw Ratio</b>	Fixed focal lenses Lens Throw ratio XLD 1.0 1.0 Zoom lenses Lens Throw ratio XLD 1.45 -1.8 1.45 -1.80 XLD 1.8 -2.4 1.80 -2.40 XLD 2.2 -3.0 2.20 -3.00 XLD 2.8 -5.5 2.80 -5.50 XLD 5.5 -8.5 5.50 -8.50
<b>ScenergiX</b>	Standard horizontal and vertical electronic edge blending
<b>Sealed DLP™ core</b>	Standard
<b>Dust filters</b>	Metal filters
<b>Noise Level</b>	64 dBA (at 40°C)
<b>Mains Voltage</b>	3 x 400 V + N or 3 x 220 V
<b>Power consumption</b>	8000 W
<b>Power Dissipation</b>	max 23906 BTU/h
<b>AC power</b>	190V -255V (50 Hz -60Hz)
<b>Weight</b>	180 kg (400 lbs)
<b>Dimensions</b>	WxLxH 810 x 1563 x 631 mm (31.9 x 61.5 x 24.8 inch)
<b>Safety Regulations</b>	Compliant with UL1950 and EN60950
<b>Electromagnetic Interference</b>	Complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A
<b>Order Information</b>	R9010100 (Projector incl. 4 inputs) R9010101 (Projector incl. 1 DVI) R9852410 (Spare Lamp) Fixed focal lenses Lens Order nr XLD 1.0 R9852950 Zoom lenses Lens Order nr 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

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Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.