

# 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**

General specifications	
Light output	28000 Center Lumen
Resolution	2048 x 1080 (native)
Brightness uniformity	> 80% for the total screen
Contrast ratio	1600 : 1 (full field)  High contrast mode: Available with special lenses
Display	3 Chip DLP DC2K (resolution of 2048 x 1080 pixels (aspect ratio 1.89:1)).
Features	<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>
Picture-in-picture	Up to 4 sources simultaneous (with alpha blending; z-order)
Inputs	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>
Outputs	DB15 out (2048 x 1080 50/60 HZ)
Communication	· 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
Compatibility	· 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)
Input source compatibility	max. input: up to 2048 x 1080 and 1600 x 1200
Screen size	From 1-16m and higher / 3-52ft.recommended
Scan Frequencies	Pixel clock >162Mhz (UXGA 60hz)
Network connection	Standard (10/100 base-T; 2 ports; internal HUB)
On board display server	Ethernet control standard remote control projector over ethernet via Projector Toolset
Ambient temperature	Max 35°C (95°F)
Lamp	6.0 kW Xenon  Lamp warranty: 750 hrs
Lenses	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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<b>Lens Shift</b>	Vertical: -10% to +110% Horizontal: -50% to +50% (small differences occur per lens type)
<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

Last updated: 15 Mar 2023

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