



## Barco XLM HD30

The ultimate bright 30,000 Eenter Numen Projector with native 2048 x 1080 resolution.

|                              |   |
|------------------------------|---|
| <b>Light Output</b>          | 30 000 Center Lumen<br>27 000 ANSI Lumen  |
| <b>Resolution</b>            | 2048 x 1080 (native)  |
| <b>Brightness uniformity</b> | > 80 %  |
| <b>Contrast ratio</b>        | 2000:1 full field – high contrast mode: 2800:1 (full field)   |
| <b>Display</b>               | 3 Chip DLP DC2K (resolution of 2048 x 1080 pixels (aspect ratio 16:9)).   |
| <b>Convergence</b>           | Max allowed convergence drift is 0.5 pixel.<br>This is checked on vertical and horizontal midlines only.<br>Corners are not applicable for convergence error.<br>This is measured with TLD 1.2 lens on axis   |
| <b>Features</b>              | <ul style="list-style-type: none"> <li>• Advanced multi windowing</li> <li>• Colorkey between inputs</li> <li>• Standard light shutter</li> <li>• rigging point</li> <li>• carrying handle</li> <li>• motorized tilt</li> <li>• fully sealed optics</li> <li>• easy adjustable convergence</li> <li>• P7 color processing</li> <li>• use of a safe quickly replaceable lamphouse</li> </ul> |
| <b>Picture-in-picture</b>    | Up to 4 sources simultaneous (with alpha blending; z-order; color keying)   |
| <b>Inputs</b>                | Modular inputs:<br>Standard:<br>1x DVI<br>1x SDI<br>1x (HD)SDI (+ loop through)<br>1x RGB Analogue (up to UXGA)<br><br>Optional:<br>1x composite video/S-Video<br>1x RGB/YUV (both + loop through)  |
| <b>Outputs</b>               | DB15 out (2048*1080 @ 60 HZ)  |

|                                   |  |
|-----------------------------------|--|
| <b>Communication</b>              | <ul style="list-style-type: none"> <li>• 1x RS-232C IN (D-9 connector)</li> <li>• 1x RS-232C OUT (D-9 connector)</li> <li>• 1x 2way prop. protocol to Rugged remote (5 pins XLR connector)</li> <li>• 2x prop. protocol (RJ45 connector)</li> <li>• xlr and mini-jack for wired remote control</li> <li>• 2x base-T 10/100 (RJ45 connector)</li> </ul>   |
| <b>Compatibility</b>              | <ul style="list-style-type: none"> <li>• All current video sources (PAL, SECAM, NTSC) in Composite, S-VHS, Component or RGB formats</li> <li>• All currently proposed HDTV, extended and improved television standards (1080i, 720p)</li> <li>• All computer graphics formats from VGA, SVGA, XGA, SXGA, full HD to UXGA</li> <li>• Most Macintosh computers</li> <li>• Electronic workstations with a resolution up to 1600 x 1200 pixels at 75 Hz</li> <li>• Most computer sources with a pixel clock up to 200 MHz</li> <li>• DVI sources up to DC2K (2048x1080)</li> </ul> |
| <b>Input source compatibility</b> | 2048x1080 (max. input)   |
| <b>Screen size</b>                | From 1-16m and higher / 3-52ft.recommended   |
| <b>Scan Frequencies</b>           | pixel clock >162Mhz (uxga 60hz)<br>including true HD 1920 * 1080@ 50/60 Hz and 2048* 1080@ 50/60Hz   |
| <b>Network connection</b>         | Standard (10/100 base-T; 2 ports; internal HUB)  |
| <b>On board display server</b>    | Ethernet control standard<br>remote control projector over ethernet via Projector Toolset  |
| <b>Ambient Temperature</b>        | Max 35°C (95°F)  |
| <b>Lamp</b>                       | 6.3 kW Xenon<br><br>Lamp warranty: 750 hrs   |
| <b>Lenses</b>                     | Fixed focal lenses:<br>XLD 1.0 - R9852950<br><br>Zoom lenses:<br>XLD 1.45 - 1.8 - R9852090<br>XLD 1.8 - 2.4 - R9852092<br>XLD 2.2 - 3.0 - R9852094<br>XLD 2.8 - 5.5 - R9852100<br>XLD 5.5 - 8.5 - R9852920   |
| <b>Lens Shift</b>                 | Vertical: -10% to +110%<br>Horizontal: -50% to +50%  |

|                                     |   |
|-------------------------------------|---|
|                                     | (small differences exist per lens type)   |
| <b>Lens encoders</b>                | On zoom and focus (with TLD lenses)   |
| <b>Throw Ratio</b>                  | Lens Throw ratio<br>XLD 1.0 - 1.0<br><br>Zoom lenses:<br>XLD 1.45 - 1.8 -> 1.45 - 1.8<br>XLD 1.8 - 2.4 -> 1.8 - 2.4<br>XLD 2.2 - 3.0 -> 2.2 - 3.0<br>XLD 2.8 - 5.5 -> 2.8 - 5.5<br>XLD 5.5 - 8.5 -> 5.5 - 8.5 |
| <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>                  | 64dba @ 40°C  |
| <b>Mains Voltage</b>                | 3 x 400 V + N or 3 x 220 V 50/60 HZ   |
| <b>Power consumption</b>            | 8000 W  |
| <b>Power Dissipation</b>            | max 25100 BTU/h   |
| <b>Weight</b>                       | 180 kg (400 lbs)  |
| <b>Dimensions</b>                   | WxLxH:<br>810 x 1563 x 631 mm<br>(31.9 x 61.5 x 24.8 inch)  |
| <b>Shipping Dimensions</b>          | Width: 104 cm<br>Height: 104 cm<br>Depth: 176 cm<br>Floor Space: 1,8304 m <sup>2</sup><br>Volume: 1,903616 m <sup>3</sup><br>Gross Weight: 252 kg   |
| <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>            | R9004460 (incl. 4 inputs)<br>R9004461 (incl. 1 DVI)<br>R9852411 (Spare Lamp)  |

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