

FLM HD14

14,000 lumens, 1080p HD three-chip DLP projector



Barco's FLM HD14 is an ultra-bright, durable projector with full HD picture-in-picture capabilities. It is a perfect fit for any large venue that requires extra brightness to show clear, crisp images in a luminous environment.

Powerful projection for large venues

The FLM HD14's 14,000 lumens light output means that it will be able to display widescreen, high-contrast images of superior quality even in venues with lots of ambient light. Through its superior video processing and picture-in-picture capabilities, you can render your presentations interactive and energizing without having to buy extra peripherals.

Most silent projector in its class

In its class, Barco's FLM HD14 offers some of the lowest noise levels known, thanks to its liquid cooling, which makes it a silent, unobtrusive ally for your venue. The FLM further features a sealed optical engine that prevents dust, smoke or other environmental contamination to its image quality. These features render it an optimal choice for anyone that is looking for the most reliable visualization available.

BARCO

Visibly yours

Technical specifications

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| Projector type | Full HD three-chip DLP digital projector |
| Technology | 0.95" DMD™ x3 |
| Resolution | 1920x1080 |
| Brightness | 14,000 center lumens 13,250 ANSI lumens |
| Contrast ratio | 2,100:1 2,700:1 (high contrast mode) |
| Brightness uniformity | 90% |
| Aspect ratio | 16:9 |
| ScenergiX | Horizontal and vertical edge blending |
| Lens type | TLD+ |
| Lenses | TLD+ 0.73:1 1.2:1 1.25-1.6:1 1.5-2.0:1 2.0-2.8:1 2.8-4.5:1 4.5-7.5:1 7.5-11.5:1 |
| Optical lens shift | Vertical: -10% to +110% Horizontal: -50% to +50% (on zoom lenses) |
| Color correction | P7 |
| Lamps | 3kW xenon |
| Lamp lifetime | 1,000 hours |
| Transport with lamp | Yes |
| Lamp house, quick replace | Yes |
| Customer bulb replace | Yes |
| Lamp warranty (field replace/ factory replace) | 90 days, 500 hours / pro rata 750 hours |
| Sealed DLP™ core | Standard |
| Optical dowser | Standard |
| Picture-in-picture | Two sources simultaneously |
| Orientation | table - ceiling - side (portrait) - vertical |
| DMX 512 | Optional |
| WARP | Preset values + custom |
| integrated web server | N/A |
| CLO (constant light output) | Standard |
| 3D ready (optional) | Passive Infitec |
| Inputs | DVI(HDCP); 5-BNC RGBHV (RGBS/RGsB, YUV CS/SOY, Composite video, S-Video); SDI/HDSDI |
| Optional Inputs | DVI(HDCP); 5-BNC RGBHV (RGBS/RGsB, YUV CS/SOY, Composite video, S-Video); SDI/HDSDI |
| max. pixel clock | 165 MHz |
| Input Resolutions | From NTSC up to UXGA (1600x1200) incl. HD (1920x1080) |
| Software tools | Projector Toolset |
| Control | XLR wired + IR, RS232 |
| Network connection | 10/100 base-T, RJ-45 connection |
| Power Requirements | 220-240V / 50-60Hz |
| Max Power Consumption | 3100W |
| Noise level (typical at 25°C/77°F)" | 56dB(A) |

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| Operational ambient temperature | 0-40°C / 32°-104°F |
| Operational humidity | 0-80% (non condens) |
| Dissipation BTU | max 10577 BTU/h |
| Dimensions (WxLxH) | 707 x 1025 x 548mm 27.83 x 40.35 x 21.57 inches |
| Weight | 99kg (218.25lbs) |
| Shipping Dimensions | (LxWxH) 1200 x 980 x 760 mm 47.24 x 38.58 x 29.92 inches |
| Shipping Weight from Factory | 151kg (333lbs) |
| Accessories | Power cord, wireless/XLR wired rugged remote control |
| Certifications | Compliant with UL1950 and EN60950 complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A, RoHS |
| Warranty | 2 years |