

Helios

Digital Light Valve Projector for Retro Enclosure



A perfect combination of compact size, high light output and exceptional resolution make Barco's Helios highly recommended for rear projection mount. It can easily be integrated into any retro enclosure or used as a replacement projector for older generation projectors. This "drop-in" projector is equipped with Poly-Silicon SXGA panels and accomplishes high brightness, high resolution pictures on screens measuring 84" and higher.

Especially multi-screen applications highly benefit from the unit's advanced features for superior color uniformity across all screens.

- High light output of 650 ANSI lumen full white
- Three active matrix poly-Si LCD panels (1.8" diagonal) with a resolution of 1,280 x 1,024 pixels (aspect ratio 5:4). SXGA resolution can even be obtained in a 4:3 aspect ratio thanks to the built-in Pixel Map Processor.
- 120 Watts lamp with a typical 6,000 hours lifetime. A different lamp type can be selected depending on the application.
- BARCO's powerful TCR processing enhances the quality of conventional video sources and transforms them into brilliant images with remarkable depth and clarity.
- BARCO's Patented Pixel Map Processor guarantees very legible characters and the greatest amount of picture detail possible. It recalculates every pixel with state-of-the-art digital signal processing techniques. The result is optimal picture quality, crisp graphics with exceptionally readable characters.
- Precision projection lenses provide superior image quality with an absolute minimum of geometric distortion. A wide range of lenses is available for rear screen installations from practically any angle and throw distance.
- State-of-the-art optics ensure the highest resolution with unsurpassed clarity in every part of the projected image.

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Technische Daten

Spezielle Eigenschaften	<ul style="list-style-type: none"> • Auto-source recognition and configuration • Extensive geometry adjustments (motorized zoom, focus and lens shift) can also be adjusted through the RS232 communication port • Quick lens and lamp replacement • Adjustable leveling feet • Connectors at the front for almost invisible cable routing • Built-in 2 x 3 Watt stereo audio amplifier and speakers • Color temperature adjustment (Broadcast 3200° K, Film 5400° K, Video 6500° K, Computer 9500° K or Custom) • External auto-diagnostics with a 2 x 7 segment LED display • User adjustable Automatic standby (after 5/15/30/60 min. or off) • Easy upgradeable projector firmware via RS232 • Optional LCD control software to control up to 256 projectors from one PC
Kontrast	<p>>350 : 1 (full white/full black) >120 : 1 (5 x 4 ANSI checkerboard)</p>
Eingänge	<p>1 x Configurable 5-Wire (BNC) for: Composite Video, S-Video, Component Video and RGB 1 x Video (BNC or RCA) 1 x S-Video (4-pin mini-DIN) 1 x VGA (D15 connector) 3 x Configurable Stereo Audio (RCA)</p>
Lampe	<p>120 Watts metal-halide arc lamp pre-aligned for max. light output Typical lifetime: 6,000 hours (Detailed information on different lamp types is available on request.)</p>
Kommunikation	<p>2 x D9 connectors for RS232 In/Out 1 x D9 connector for Com 800 1 x Mouse Out (DIN 13) 1 x Mini-jack for Wired Remote Control 2 x IR receivers (front + back)</p>
LCD-Panels	<p>3 active matrix poly-Si LCD panels (1.8" diagonal), with a resolution of 1280 x 1024 pixels (aspect ratio 5:4). LCD panels are selected for a minimum of pixel defects.</p>
Lichtstrom	<p>650 ANSI lumen Brightness uniformity: 90 % for the total screen</p>
Fernbedienung	<p>All controls are accessible through a soft-touch panel or a new userfriendly backlit IR remote control:</p> <ul style="list-style-type: none"> • Source switching • User settings per source • Installations and service adjustments
Sicherheitsstandards	<p>Compliant with UL1950 and EN60950 Electromagnetic Interference Helios complies with FCC rules & regulations, part 15 Class B and CE EN55022 Class B</p>
Kompatibilität	<p>Helios is compatible with:</p> <ul style="list-style-type: none"> • All current video sources (PAL, SECAM, NTSC 3.58, NTSC 4.43) in Composite, S-VHS, Component or RGB formats • All currently proposed HDTV, extended and improved television standards (Eureka 95, Hi-vision, ACTV, IDTV, EDTV,...) • All computer graphics formats from VGA, S-VGA, XGA to S-XGA • Most Macintosh computers • Electronic workstations with a resolution up to 2000 x 1280 pixels / 76 Hz • Most sources with a pixel clock up to 200 MHz
Frequenzen	<p>Horizontal 15 kHz - 115 kHz Vertical 25 Hz - 150 Hz</p>
Stromversorgung	<p>Power factor pre-regulated SMPS, 95 - 230 VAC +-10% / 50-60Hz Power Consumption Max. 300 Watts Power dissipation < 1,000 BTU/hour</p>

Generiert am: Saturday, May 26, 2012
Die angegebenen Informationen und Daten sind typisch für das beschriebene Gerät.
Jede Spezifikation kann sich aber ohne vorherige Ankündigung ändern.
Die aktuelle Version dieser Broschüre finden Sie unter www.barco.com.

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