

Galaxy WARP™

Active Stereo DLP™ Projector with Integrated Geometry Distortion



Following the success of the Barco Galaxy active-stereo DLP™ projector, Barco introduces a version that can perform real-time geometry distortion at double refresh rates: the Barco Galaxy WARP™. Its high processing power and ease-of-use, combined with the high brightness and proven picture quality of the Galaxy, make the Galaxy WARP™ ideally suited for the most demanding active-stereo curved screen applications.

Unequaled Versatility

- Dual parallel WARP™ NLIM (Non-linear Image Mapping) boards result in smooth and detailed pre-distorted imagery for curved-screen applications
- Active stereo capabilities at SXGA up to 120 Hz, thanks to high-performance Pixel Map Processor and dedicated DLP™ chipsets
- Impressive 205 MHz A/D conversion bandwidth ensures compatibility with high resolution and high refresh-rate sources
- Optional Passive Stereo optimization with DMD™ optimized polarizers enables large-venue passive stereo 3D projection

Multi-channel Optimization

- Proprietary Optical Soft Edge Matching (OSEM): custom-made optical filters to achieve truly seamless blending for multichannel systems, maintaining full contrast ratio
- Proprietary Electronic Soft Edge Matching (ESEM): highly-flexible and reconfigurable blending with easy set-up
- Integrated Constant Light Output (CLO), which can be linked with other Barco Galaxy projectors for cross-channel brightness tracking
- Optimized engine ensures matched primary colors and maximizes addressable multi-channel color gamut

Superior Optics

- High contrast ratio: engine developed to achieve a contrast ratio of 800:1 which results in extremely vivid and dynamic images
- Dedicated lens range: optimized for unequalled resolution and accurate geometry; wide

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Technische Daten

Lichtstrom	5,000 ANSI lumen
Helligkeitsgleichförmigkeit	> 90% for the total screen area
DMDTM-Chip	Three high resolution SXGA active stereo DMD™'s
Lampe	<ul style="list-style-type: none"> - 1.2 kW Xenon illumination system - Typical lifetime: 1000 hours - Max. lifetime: 1500 hours - Linked CLO
Kontrast	800:1 (full white/full black)
Auflösung	1280 x 1024 (SXGA)
Shiftbereich	<ul style="list-style-type: none"> - Motorized V shift: up to 118% - Motorized H shift: up to 71%
Geräuschpegel	< 50 dBA
Kompatibilität	<ul style="list-style-type: none"> - Active Stereo capabilities up to SXGA at 120 Hz (110 Hz synchronously) - WARP 6™ based pixel map processor using bi-cubic interpolation algorithms for advanced geometry correction up to a pixelclock of 205 MHz - All current data sources in RGB or DVI
Fixe Analog-Eingänge	1 multifunctional 5-Cables input (high bandwidth) for the connection of: <ul style="list-style-type: none"> - RGB analog signals with standard sync (BNC connectors), sync on green or separate sync - 1 Stereo sync input (mini din) - 2 Stereo sync outputs (coax) - 1 DVI input
Kommunikation	<ul style="list-style-type: none"> - RS232 of RS422 loop-through input (D9-connector) for PC based projector control - Communication input (D-9 connector) for peripherals
Leistungsaufnahme	1700 Watts
Stromversorgung	230V (tolerance 180V - 255V)
Gewicht	Net weight 99lbs / 45kg
Umgebungstemperatur	Max. 45°C

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 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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