

Galaxy 12 HB+

SXGA+, 12 000 lumens three-chip DLP 3D stereo projector



The Galaxy family has a proven record for active and passive stereo technology. It is the only 3-chip DLP™ projector offering the unrivaled platform for Infitec+™, the superior stereo separation technology combining high contrast with excellent stereo separation.

High Light Output Mode:

12000 ANSI lumens - Contrast ratio 1600:1

High Contrast Mode:

9000 ANSI lumens - Contrast ratio 1800:1

· SXGA+ resolution 1400 x 1050 · Typical lamp lifetime: 800 hrs (max. 1200 hrs) · 4/3 aspect ratio · Built-in Stereo-Creator™, including DVI sources · i-Blend™ supports up to three channels

BARCO

Visibly yours

Technical specifications

Light Output	9000 ANSI lumens (High Contrast Mode) 12000 ANSI lumens (Normal Mode)																											
Resolution	1400 x 1050 (SXGA+) native resolution																											
Brightness uniformity	>90% for the total screen area >80% for the total screen area (High Contrast Mode)																											
Lamp	2.2 kW (Xenon illumination system) typical lifetime: 800 hours Max. lifetime: 1200 hours																											
Digital MicroMirror Device™	3 high-resolution SXGA+ active stereo DMD™s																											
Features	Standard: <ul style="list-style-type: none"> • Bi-cubic WARP™ • Synchronous and asynchronous active stereo display • DynaColor™/Linked DynaColor™ • CLO (Constant Light Output)/ Linked CLO • Stereo-Creator • i-Blend™ (two- or three channel) • High Contrast Mode • Shutter Optional: <ul style="list-style-type: none"> • Optical Soft Edge Matching (OSEM) • Infitec™ (Switchable) • External polarization (linear or circular) • GISCU™: multi-system and multi-site color management 																											
Noise Level	< 60 dBA at 40°C < 54 dBA at 20°C																											
Compatibility	<ul style="list-style-type: none"> • Active stereo capabilities up to SXGA+ at 118Hz • WARP 6™ based pixel map processor using bi-cubic interpolation algorithms for advanced geometry corrections up to a pixelclock of 205 MHz • All current available video sources in RGB or DVI 																											
Inputs	1 multifunctional 5-cable input (high bandwidth) for 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 outputs (coax) • 1 DVI input 																											
Communication	<ul style="list-style-type: none"> • RS232 or RS422 loop-through input (D9-connector) for PC-based projector control • Communication input (D9 connector) for peripherals 																											
Lenses	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Lens type</th> <th style="text-align: left;">order nr.</th> <th style="text-align: left;">throw ratio</th> </tr> </thead> <tbody> <tr> <td colspan="3">Fixed lens (Manual focus)</td> </tr> <tr> <td>TLD (0.8:1) HB*</td> <td>9842040</td> <td>0.75</td> </tr> <tr> <td>TLD+ (1.2:1)</td> <td>9840775</td> <td>1.23</td> </tr> <tr> <td colspan="3">Motorized zoom and focus</td> </tr> <tr> <td>TLD (1.6-2.0:1) HB*</td> <td>9842060</td> <td>1.5 to 1.8</td> </tr> <tr> <td>TLD (2.0-2.8:1) HB*</td> <td>9842080</td> <td>1.8 to 2.6</td> </tr> <tr> <td>TLD (2.8-5.0:1) HB*</td> <td>9842100</td> <td>2.6 to 4.6</td> </tr> <tr> <td>TLD (5.0-8.0:1) HB*</td> <td>9842120</td> <td>4.6 to 7.3</td> </tr> </tbody> </table> <p>* High brightness lens</p>	Lens type	order nr.	throw ratio	Fixed lens (Manual focus)			TLD (0.8:1) HB*	9842040	0.75	TLD+ (1.2:1)	9840775	1.23	Motorized zoom and focus			TLD (1.6-2.0:1) HB*	9842060	1.5 to 1.8	TLD (2.0-2.8:1) HB*	9842080	1.8 to 2.6	TLD (2.8-5.0:1) HB*	9842100	2.6 to 4.6	TLD (5.0-8.0:1) HB*	9842120	4.6 to 7.3
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Lens Shift	Motorized V shift: up to 100% Motorized H shift: up to 65%																											
Power consumption	2750 Watts																											
AC power	230V (tolerance 200V-255V)																											
Ambient Temperature	Max. 35°C																											

Weight

net weight: 124 lbs/56 kg
shipping weight: 210 lbs/95 kg