

# Galaxy 12 HB+ (old version)

Stereo dedicated "high brightness" projector with up to 12000 ANSI lumens light output



**PRODUCT SPECIFICATIONS****GALAXY 12 HB+ (OLD VERSION)**

<b>Light output</b>	12000 ANSI lumens																											
<b>Resolution</b>	1400 x 1050 (SXGA+) native resolution																											
<b>Brightness uniformity</b>	>90% for the total screen area																											
<b>Contrast ratio</b>	1500:1 (full white/full black)																											
<b>Lamp</b>	2.2 kW (Xenon illumination system) typical lifetime: 800 hours Max. lifetime: 1200 hours																											
<b>Digital MicroMirror Device™</b>	3 high-resolution SXGA+ active stereo DMD™s																											
<b>Features</b>	<p>Standard:</p> <ul style="list-style-type: none"> <li>• Bi-cubic WARP™</li> <li>• Synchronous and asynchronous active stereo display</li> <li>• DynaColor™/Linked DynaColor™</li> <li>• CLO (Constant Light Output)/ Linked CLO</li> <li>• Stereo-Creator</li> <li>• i-Blend™ (two-or three channel)</li> <li>• economy mode</li> <li>• Shutter</li> </ul> <p>Optional:</p> <ul style="list-style-type: none"> <li>• Optical Soft Edge Matching (OSEM)</li> <li>• Mono mode</li> <li>• Infitec™ (Switchable)</li> <li>• External polarization (linear or circular)</li> <li>• GiSCU™: multi-system and multi-site color management</li> </ul>																											
<b>Noise Level</b>	< 60 dBA at 40°C < 54 dBA at 20°C																											
<b>Inputs</b>	1 multifunctional 5-cable input (high bandwidth) for connection of: <ul style="list-style-type: none"> <li>• RGB analog signals with standard sync (BNC connectors), sync on green or separate sync</li> <li>• 1 Stereo sync input (mini DIN)</li> <li>• 2 stereo outputs (coax)</li> <li>• 1 DVI input</li> </ul>																											
<b>Compatibility</b>	<ul style="list-style-type: none"> <li>• Active stereo capabilities up to SXGA+ at 110Hz</li> <li>• WARP 6™ based pixel map processor using bi-cubic interpolation algorithms for advanced geometry corrections up to a pixelclock of 205 MHz</li> <li>• All current available video sources in RGB or DVI</li> </ul>																											
<b>Communication</b>	<ul style="list-style-type: none"> <li>• RS232 or RS422 loop-through input (D9-connector) for PC-based projector control</li> <li>• Communication input (D9 connector) for peripherals</li> </ul>																											
<b>Lenses</b>	<table border="1"> <thead> <tr> <th>Lens type</th> <th>order nr.</th> <th>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>9840770</td> <td>1.1</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)	9840770	1.1	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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<b>Lens Shift</b>	Motorized V shift: up to 100% Motorized H shift: up to 65%																											
<b>Power consumption</b>	2750 Watts																											
<b>AC power</b>	230V (tolerance 180V-255V)																											
<b>Ambient temperature</b>	Max. 35°C																											
<b>Weight</b>	net weight: 124 lbs/56 kg shipping weight: 210 lbs/95 kg																											

Last updated: 24 Jan 2019

Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.