

Galaxy NH-12

Stereoscopic, network-centric, 1080p HD, three-chip DLP™ projector



The Galaxy NH-12 is an ideal solution for medium- to large-sized bright environments where 1080p HD stereoscopic quality matters, such as large design rooms, team collaboration rooms, geophysical analysis rooms, or a university research centers.

- Multiple stereoscopic capabilities (active, circular, passive and active Infitec) and geometry correction for both flat and curved screens
- Direct access to all connected and networked sources on a single, large-screen desktop
- Multiple source windows that can be moved or resized easily with keyboard and mouse, in a Windows interface
- Adaptive framerate conversion
- 12,000 lumens light output at a 2000:1 contrast ratio
- Maintenance-free design thanks to dustproof, fully sealed and liquid cooled optical engine
- Excellent brightness uniformity
- Special, noise-reducing design

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Galaxy NH-12 technical specifications

Display capabilities	Light output	
	12,000 center lumens (+/- 10%)	
	Contrast	
	1,800:1 up to 2,000:1 (with TLD+1.2:1 lens in High)	
	Resolution	
Full HD (1,920 x 1,080)		
Chip technology		
Sealed and liquid cooled 3-chip DLP™		
Lamps	Lamp	
	2 kW Xenon	
	Lamp warranty	
750 hrs warranted, max. 800 hrs		
Dimensions	Weight	
	70 kg (154.2 lbs) net - 85 kg (187.4 lbs) shipping weight	
	Height - width - length	
	345 / 590 / 913 mm 13.58" / 23.22" / 35.94"	
Lenses	Available zoom lenses	
	TLD HB (1.6-2.0:1)	R9842060
	TLD HB (2.0-2.8:1)	R9842080
	TLD HB (2.8-5.0:1)	R9842100
	TLD HB (5.0-8.0:1)	R9842120
	Available fixed focal lenses	
	TLD HB (0.8:1)	R9842040
	TLD+ (1.2:1)	R9840775
	Lens shift range	
	Horizontal shift up to +/- 65%	
Vertical shift up to +/- 100%		
Features	Special features	
	Multiple stereo capabilities (Active, Active Infitec, Polarized)	
	Source and PiP operation through Windows OS	
	Standard full geometry correction	
	Sealed, liquid-cooled engine	
	Desktop output including external source windows on DVI-D	

Inputs and outputs	Standard inputs	
	1x 5-BNC (RGBHV, RGBS or RGBsB)	
	1x Composite video (BNC)	
	1x S-Video (4-pin mini DIN)	
	1x DVI	
	1x VGA (D15)	
	3 stereo sync inputs (mini-DIN)	
	Optional inputs (1 free layer)	
SDI/HD-SDI input		
Communication ports		
RS232 (on D9)		
10/100 Mb/s Ethernet (on RJ45)		
Compatibility	Video	
	PAL, SECAM, NTSC video signals in Composite, S-video, component or RGB format	
	All current HDTV standards (720i, 720p, 1080i, 1080p) in Component or RGB format	
	Data	
	All computer graphics formats up to QXGA @ 120 Hz	
Analog sources with a pixel clock of up to 270 MHz		
DVI sources with a pixel clock of up to 165 MHz		
Safety	Safety standards	
	ETL60950 and EN60950	
	CE compliant	
CCC compliant		
Power	AC power	
	200 - 240 VAC/50-60 Hz	
	Max. power consumption / dissipation	
2,800 Watt / 9,560 BTU		
Order info	Galaxy NH-12	R9040400
	New 2kW lamp	R9843080
	Refurbished lamp	R9843090
	QXGA RGBHV input	R9843020
	DVI/D15 input	R9843030
	SDI/HD-SDI	R9843040



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DLP™ technology by Texas Instruments offers crystal clear images with superior quality. DLP is a trademark of Texas Instruments.

The information and data given are typical for the equipment described. However any individual item is subject to change without any notice. The latest version of this product sheet can be found on www.barco.com.

APAC
7F, FenYang Road 138
200 031 Shanghai - China
Tel. +86 21 5465 5501
Fax +86 21 5465 5502

USA
600 Bellbrook Avenue
Xenia, OH 45385-4053
Tel. +1 (937) 372-7579
Fax +1 (937) 372-8645

EMEA & ROW
Noordlaan 5
8520 Kuurne - Belgium
Tel. +32 56 36 82 11
Fax +32 56 36 85 26

Barco
Avionics & Simulation Division
contact.bps@barco.com



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