Galaxy NW-12

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

Barco's Galaxy NW-12 is the world's first WUXGA (1920x1200) projector with built-in 3D stereo capabilities. It is an ideal solution for environments that require versatile visualization that allows them to view and analyze multiple sources simultaneously - in any combination of 2D and 3D stereo. The Galaxy NW-12 is a perfect companion for cross-team collaboration rooms in the oil and gas industry, automotive design review centers, engineering hubs or immersive research centers in higher education.

Multiple channels, one seamless image

The Galaxy NW-12 comes equipped with unique, Barco-engineered technology for multi-channel set-ups:

- **Electronic or optical edge blending** creates one continuous image across the entire screen, without blurry overlap zones, thanks to new alpha and beta planes
- **Linked constant light output (CLO)** and equalize brightness levels across the entire display system
- **Linked DynaColor** technology ensures perfect color matching between channels
- **Bi-cubical warping** (geometry correction) ensures that an image is projected correctly, with an extremely high level of accuracy, across curved, non-flat surfaces

Compatibility with XDS Control Center software suite

Barco's Galaxy NW-12 can be integrated with Barco's multi-windowing XDS Control Center software suite. It supports single, two- as well as multi-channel setups, and results in the following key benefits:

- **Familiar Windows desktop interface:** no need to learn new interfaces.
- **Source multi-windowing:** all relevant data on one screen, in any configuration
- **Large-screen videoconferencing:** collaboration and data-sharing in real-time
- **Centralized maintenance and security:** remote control and security overviews

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Galaxy NW-12 technical specifications

Display capabilities	**Light output**	
	12,000 lumens	
	Contrast	
	up to 2,000:1	
	Resolution	
	WUXGA (1920x1200)	
	Chip technology	
	Three-chip DLP	
Lamps	**Lamp**	
	2 kW Xenon	
	Lamp warranty	
	750 hrs waranted, max. 1000 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+ (1.5-2.0:1)	R9862010
	TLD+ (2.0-2.8:1)	R9862020
	TLD+ (2.8-4.5:1)	R9862030
	TLD (4.5-7.5:1)	R9862040
	Available fixed focal lenses	
	TLD+ (0.73:1)	R9862000
	TLD+ (1.2:1)	R9840775
	Lens shift range	
	Horizontal shift up to +/- 55%	
	Vertical shift up to +/- 110%	
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	
	Multi-channel features	

Inputs and outputs	**Standard inputs**	
	1x 5-BNC (RGBHV, RGBS or RGBsB)	
	1x Composite video (BNC)	
	1x S-Video (4-pin mini DIN)	
	Twin dual-link DVI	
	3 stereo sync inputs (mini-DIN)	
	Optional inputs	
	One free slot available (see order info for options)	
	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 NW-12	R9040410
	New 2kW lamp	R9843080
	Refurbished lamp	R9843090
	QXGA RGBHV input	R9843020
	DVI/D15 input (HDCP)	R9843045
	SDI/HD-SDI	R9843040
	Twin dual-link DVI-D	R9840341

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

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