

Galaxy NW-7

3D stereo, 7,000 lumens three-chip DLP projector



Barco's Galaxy NW-7 is the most cost-effective three-chip DLP projector designed for multi-channel applications on the market today. It features both active stereo and patented active Infitec capabilities. Apart from various applications that require 3D content, such as design or analysis of large data quantities, its smearing reduction option also makes it a perfect fit for professional training and simulation.

Perfecting multi-channel operations

Barco's Galaxy NW-7 carries all the necessary features to be used in systems that require multiple projectors, without the need to invest in additional peripherals. Its enhanced blending, with alpha and beta planes, make your composite image completely seamless, while DynaColor and linked constant light output (CLO) ensure the same stable color and brightness levels throughout the entire image. Furthermore, the Galaxy NW-7's enhanced bi-cubical warping capabilities result in pixel-perfect projection, even across curved surfaces typical for immersive 3D setups or flight simulators.

Cost-effective by design

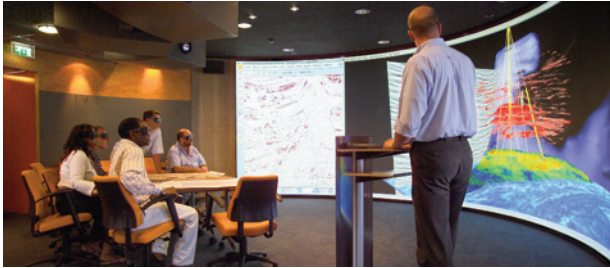
Due to its filterless, sealed optical engine, the Galaxy NW-7 boasts a system lifetime that is over 60% longer than that of comparable three-chip DLP systems. In addition, its liquid cooling and absence of noisy filters result in a silent, unobtrusive system. Its optional noise box can even further reduce the noise level below 30 dBA. Barco's Galaxy NW-7 also lets you redirect the heat from its exhaust through your company's heating system, contributing to its eco-friendly operation.

BARCO

Visibly yours

See more. Decide better

The Galaxy NW-7 is fully compatible with Barco's XDS Control Center software suite. This means you can display and control multiple sources simultaneously, in any mix of 2D and 3D, in a familiar Windows desktop environment. With mouse and keyboard, you can easily move and resize these source windows. The XDS Control Center also allows you to use other networked desktops remotely, send your own desktop to the display, and makes video conferencing much easier.



Optimized for professional applications - virtual reality

With its built-in active 3D stereo capabilities, Barco's Galaxy NW-7 comes readily equipped for applications that require 3D, including geophysical data analysis, product design, architectural simulation or scientific research. It's dual link DVI input maintains a full digital link between IG and projector without compromising stereo rates.

The full advantages of xenon

The Galaxy NW-7's xenon lamp technology is known for its uniform and stable light spectrum, which makes it ideal for multi-

channel applications. Its natural, bright and stable white light results in a more vivid, realistic image, while its predictable life-time allows you to schedule maintenance well in advance. In addition, a xenon lamp reduces waste to a minimum because it enables you to refurbish old lamp housings.

Deep color saturation, perfect color stability

With three times the full 12-bit depth of a DLP chip for each primary color, you get a saturated, vibrantly colored picture. This includes a highly refined gray scale, which improves detailed image interpretation. With the Galaxy NW-7's DynaColor interface, you can also perform fast and accurate color calibration, which is perfect for setting up and aligning multi-channel systems.

Optimized for training & simulation applications

The Galaxy NW-7's smearing reduction feature and 120Hz reproduction rate, on the other hand, renders the Galaxy NW-7 an excellent choice for fast-jet or helicopter simulators that need to display fast-moving, realistic content. In addition, Barco's Galaxy NW-7 provides the color quality and multi-channel reliability needed for other types of training, such as ship-bridge and air traffic control simulation.



Galaxy NW-7 technical specifications

Display capabilities	Light output
	7,000 center lumens (+/- 10%)
	Resolution
	WUXGA (1920x1200)
	Chip technology
	Three-chip DLP
Inputs and outputs	Standard inputs
	1x 5-BNC (RGBHV, RGBS or RGBsB)
	1x composite video (BNC)
	1x S-video (4-pin mini DIN)
	Twin x Dual link DVI-D
	6 stereo sync inputs

Lamps	Lamp
	1.5 kW xenon
	Lamp lifetime
	1000 h warranted
	max. 1250 h
Features	Special features
	Smearing reduction
	Sealed, liquid-cooled engine
	Optional source and PiP operation through Windows OS
	Full geometry correction
	Active stereo / 120 Hz synchronous operation
	Optional Active Infitec

Ref. no. R000000SSE1109R002

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.



Barco nv
Pres. Kennedypark 35, B-8500 Kortrijk
Tel. +32 56 36 82 11
Fax +32 56 36 85 26
Or mail to contact.bps@barco.com

