

# NW-12

## WUXGA, 12,000 lumens three-chip DLP projector



Barco's innovative WUXGA, three-chip DLP NW-12 projector offers full compatibility with the resolution of modern high-end laptops. With its bright light output and excellent color quality, it is an outstanding choice for large-sized meeting rooms, boardrooms and auditoriums in a diverse number of markets.

The NW-12 also comes equipped with native multi-channel features, to allow for easy, flexible integration into a high-resolution display system. This gives you the feeling of working with one, large and seamless display environment. You won't even notice that there are several projectors powering your screen.

### Supreme color quality and system integration

The NW-12 boasts the right color and brightness qualities, and guarantees optimum compatibility for high-end laptops or combinations between text and images for auditoriums or large meeting- and boardrooms. Its multi-channel features also ensure one seamless image without color or brightness differences when it is used in multiples to power larger screens, or if you want a perfect, multi-megapixel image to wow your audience.

### Enhanced collaboration through simplified ease of use

Barco's NW-12 gives you the options to project all local, connected or networked sources simultaneously across a widescreen Windows desktop. With mouse and keyboard, these source windows can be moved, resized or made to overlap easily, and through the Start Menu, you can quickly access both sources and layouts. This means that with the NW-12, you can get to work immediately, without delay, without fuss.

### Extended durability through advanced system design

The NW-12 has been specially designed with durability in mind. While its sealed optical engine prevents environmental contamination of its image quality, its liquid cooling also helps to reduce noise levels to a minimum. This helps resulting in the fact that Barco's

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# Technical specifications

Projector type	WUXGA three-chip DLP digital projector
Technology	0.96" DMD™ x3
Resolution	1920x1200
Brightness	12,000 center lumens
Contrast ratio	1,700:1
Brightness uniformity	90%
Aspect ratio	16:10
ScenergiX	Horizontal and vertical edge blending
Lens type	RLDW
Lenses	TLD+  0.73:1 1.2:1  1.5-2.0:1 2.0-2.8:1 2.8-4.5:1 4.5-7.5:1 7.5-11.5:1
Optical lens shift	Vertical: -65% to +65% Horizontal: -110% to +110%
Color correction	DynaColor
Lamps	2kW xenon
Lamp lifetime	1000 hours
Transport with lamp	Yes
Lamp house, quick replace	Yes
Customer bulb replace	N/A
Lamp warranty (field replace/ factory replace)	90 days, 500 hours / pro rata 750 hours
Sealed DLP™ core	N/A
Optical dowser	N/A
Picture-in-picture	Four sources simultaneously
Orientation	Table/ceiling
DMX 512	N/A
WARP	Warping (10x10); all computer graphics up to QXGA, 3D optional
SDI	Optional
integrated web server	N/A
CLO (constant light output)	Optional
3D ready (optional)	Active Infitec
Digital video	DVI-HDCP
Analog video	1x5 BNC (RGBHV, RGBS/RGBsB) Composite video, S-video, VGA
max. pixel clock	210 MHz
Input Resolutions	From NTSC up to UXGA (1600x1200), including full HD (1920x1080)
Optional Inputs	SDI-HD/SDI
Software tools	N/A
Control	Minijack + IR, RS232
Network connection	10/100 base-T, RJ-45 connection
Power Requirements	90-240V / 50-60Hz
Max Power Consumption	2750W
Noise level (typical at 25°C/77°F)"	49dB(A)
Operational ambient temperature	0-40°C / 32°-104°F
Operational humidity	0-80% (non condens)

<b>Dissipation BTU</b>	max 9383 BTU/h
<b>Dimensions (WxLxH)</b>	590 x 913 x 345mm 22.23 x 35.94 x 13.58 inches
<b>Weight</b>	70kg (154.32lbs)
<b>Shipping Dimensions</b>	(LxWxH) 1000 x 770 x 500mm 39.36 x 30.31 x 19.68 inches
<b>Shipping Weight from Factory</b>	76kg (154.32lbs)
<b>Accessories</b>	Power cord, wireless/wired remote control
<b>Certifications</b>	Compliant ETL60950 and EN60950, CE compliant, RoHS
<b>Warranty</b>	2 years