# Galaxy NW-12 EX

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



Barco's Galaxy NW-12 is the world's first active 3D stereo projector with active Infitec capabilities that uses the new Infitec 'Excellence' filter type. It's the perfect choice for any single- or multi-projector collaborative display system.

Thanks to its full compatibility with Barco's XDS Control Center software suite, the Galaxy NW-12 offers direct access to all local and networked sources in a familiar Windows desktop. You can display your sources in multiple windows that can be resized, dragged and made to overlap anywhere on the screen, in any combination of 2D and 3D.

### Supreme stereoscopic quality

With its strong 12,000 lumens light output, Barco's Galaxy NW-12 was designed to operate in bright environments. It offers by default active stereo capabilities and optionally active Infitec based on the new 'Infitec Excellence' filters, making it a perfect choice for applications that require stereoscopic images of the highest detail.

### Maintenance-free design

The Galaxy NW-12 is designed with one of the lowest noise levels in its class, and a guaranteed long system lifetime due to its fully sealed, liquid-cooled optical engine. This not only prevents dust from entering the projector's interior, it also eliminates routine maintenance procedures and strongly reduces potential system downtime.

### Optimized for system integration

Barco's Galaxy NW-12 is optimized for multi-projector systems through:
· **Edge blending** technology creates one continuous image without blurry overlap zones where projections converge.
· **DynaColor** and **linked constant light output** (CLO) ensure the same light and color levels across the entire screen.
· **Warping** (geometry correction) enables accurate projection from different angles and across spherical or curved surfaces.

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| Product specifications | Galaxy NW-12 EX |
|---|---|
| **Light output** | 12,000 lumens |
| **Contrast ratio** | up to 2,000:1 |
| **Resolution** | WUXGA (1920x1200px) |
| **Chip type** | Three-chip DLP |
| **Lamp** | 2 kW xenon lamp |
| **Lamp warranty** | 750 hrs warranted |
| **Weight** | 70kg (154.2lbs) |
| **Dimensions (WxLxH)** | 590x913x345mm (23.22x35.94x13.58") |
| **Lens Shift** | Horizontal up to -/+ 65%Vertical up to -/+ 110% |
| **Standard inputs** | Twin dual-link DVI<br>3 stereo sync inputs (mini DIN) |
| **Optional Inputs** | Two free layers for:- DVI/D15 HDCP input- RGBHV analog input- SDI/HDSDI input- Extra Twin Dual DVI input |
| **Communication Port** | RS232 (on D9)<br>10/100 Mb/s Ethernet (on RJ45) |
| **Data** | Standard twin Dual-link DVI input up to 270 MHz (HD 120 Hz)<br>Optional twin Dual-link DVI required in layer 2 for WUXGA 120 Hz<br>Analog sources with a pixel clock of up to 270 MHz |
| **Safety** | ETL60950 and EN60950<br>CE compliant<br>CCC compliant |
| **AC power** | 220V-240V |
| **Max. power consumption** | 2,800 Watt / 9,560 BTU |

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