

# Nerthus

Barco Residential's Nerthus projector is based on Barco's highly acclaimed Series 4 platform.



- Cinema at Home Series
- Native 4K Resolution (4,096 x 2,160)
- RGB Laser
- 100% REC.2020
- Up to 32,000 Lumens
- Architectural Edition Available

Nerthus is a deity, associated with prosperity and peace. She is also the sister of Njord and the mother of Freya. This new Barco Residential flagship projector is part of the Series 4 platform, which is then combined with Alchemy, creating a very smart, easy to use projector.

Nerthus is exclusively created for high-end home theaters, with 32,000 lumens, more contrast, covering 100% of the REC.2020 color gamut. It features the latest native 4K DLP Cinema® chips from Texas Instruments and the acclaimed Barco Alchemy ICMP-XS (Integrated Cinema Media Processor).

The result? A custom-designed residential cinema projector with enhanced contrast for the ultimate image quality. Nerthus is available with a wide range of lenses, offering you the freedom of flexible installation. Play either DCI encrypted content or your favorite 4K HDR consumer content via HDMITM 2.0 with HDCP 2.2.

## Cinema at Home

As the opening credits roll, the audience is transported into an unexpected world of superior movie realism, embraced by ultimate image quality and immersive sound. This compelling universe is created by Barco Residential's Nerthus projector.

## Brilliant Image

Nerthus brings native 4K resolution, higher contrast and enhanced uniformity

into the finest residential theaters. 5000:1 extra high contrast provides pristine viewing. The Barco Active Image Management™ and its patented precision brightness technology guarantees flawless images with automatic white balance..

**Ready for tomorrow, today**

The Barco Colorgenic™ technology opens up 100% of Rec. 2020. Nerthus is fully enabled for future innovations like 4K 120fps, delivering stunning results not only on day 1, but consistently throughout the lifetime of the product.

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**Product specificaties****NERTHUS**

General specifications	
Type projector	Three chip DLP
Levensduur lichtbron	40,000 hours
Technologie	3x 1.38" DC4K
Resolutie	native 4K: 4096 x 2160
Lichtbron	RGB Laser
Lichtuitvoer	32,000 Lumens
Contrastverhouding	5000:1
Lensbereik	1.13-1.72; 1.35-1.84; 1.45-2.10; 1.65-2.70; 1.98-3.40 (Very High-Contrast B-lenses)
Optische lensverschuiving	-35% to +15% Vertical shift -7.5% to +7.5% Horizontal shift
Kleurenspectrum	DCI P3 / 100% Rec.2020 (when measured in xy-color coordinates)
HDR	HDR10
3D	Active glasses systems and polarization systems on silver screens are supported. Color separation systems are not supported.
Ingangen	2 x HDMI™2.0a (up to 4K 2D 60fps) 2 x 3G-SDI inputs 16 x AES/EBU audio channels (2x RJ45) 8 x GPI, 8x GPO (4 x RJ45) 2 x Gbe for content connectivity & ingest 2 x front-access USB 3.0 for fast ingest & 2 x front-access USB 2.0 DCI 4K 2D up to 60fps & DCI 4K 3D (24 or 30 fps per eye) DCI High Frame Rates 2K 3D up to 120fps (60fps per eye) JPEG 2000, up to 625Mbps & MPEG-2 (4:2:0 and 4:2:2 up to 60fps)
DCI	DCI Compliant
Voedingsvereisten	Single Phase or Triple Phase 200-240V 25A
Energieverbruik	3.9kW (3W in Eco mode)
Geluidsniveau (standaard bij 25°C/77°F)	51dB(A)
Bedrijfstemperatuur	40°C / 104F Max. (at Sea Level)
Vochtigheid in bedrijf	85% Max.
BTU/uur	12,500 BTU/h
Luchtuitstroom	615 CFM
Afmetingen (B x L x H)	760 x 1470 x 612 mm 29.92 x 57.54 x 24.09"
Gewicht	170kg / 375lbs
Garantie	Limited 3 years parts and labor Essential Care up to 5 years
Veiligheidsvereisten	Class 1 Risk Group 3

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