

# Njord

Theater Series



courtesy of CONSEXTO in Portugal



Njord is the successor to our beloved Wodan, featuring a completely redesigned laser light source and updated optical engine. Njord delivers perfect cinematic colors, supporting the DCI/P3 color gamut.

Njord was the god of wind, seafarers, coasts and inland waters. He was believed to have the ability to calm waters and quell fires. Our Njord features a pleasing and uniform image with the power to overcome high ambient light rooms, making it the ideal choice for larger screens, outdoor entertainment spaces and contemporary glass home designs, delivering an unbelievably bright

and detailed image with spectacular color fidelity for an unmatched experience that will delight even the most discerning clients.



# Njord



THEATER  
SERIES

## Key features

### Single Step Processing SSP™

Pulse is a HW and SW based platform that simplifies and allows the signal to go from the source to screen much faster and more efficiently. We use an advanced image processing technique to display the image on the screen without any artifacts and with close to zero latency, all made possible by what we call Single Step Processing (SSP™)

### State-of-the-art electronics

All new "Pulse" electronics have been designed to process 4K UHD with HDMI 2.0a and HDCP 2.2 and the optical engine is using the very latest 0.9-inch DMD DLP chipset, delivering 3,840 x 2,160 pixels on screen.

Njord also features HDR, motorised lenses and featuring Barco's unique RealColor processing, Njord enables simple and accurate calibration to any desired white point or greyscale.

### Building Blocks

Njord offers 4K UHD resolution for superb image quality. Thanks to its modular design Njord is easy to service. Njord is the most compact rugged projector that offers up to 12,000 lumens light output currently available. One of its most striking features is that it is standard equipped with a fully featured-on-demand option for flexible light output between 1,000-12,000 lumens.

### Laser light source

Outstanding image quality also requires an exceptional light source which is why we have equipped Njord with a brand new laser engine. Alongside significantly improved image uniformity (95%) The unit is also equipped with custom selected lasers to deliver 100% DCI/P3 color gamut. Lasers offer longer lifetime than traditional projector lamps, are not as fragile and offer nearly instant on/off.

## Technical specifications

<b>Resolution</b>	3,840 x 2,160
<b>Display technology</b>	4K UHD 3-chip DLP digital projector, 0,9" DMD™
<b>Housing</b>	Sealed DMDs and optical assembly
<b>Input compatibility</b>	up to 4K UHD
<b>Light output</b>	up to 12,000 lumens in DCI/P3 mode
<b>Contrast</b>	450:1 ANSI contrast /2000:1 On/off contrast
<b>Color space</b>	DCI/P3
<b>Light engine</b>	Laser Phosphor
<b>Laser lifetime</b>	20,000 hours
<b>Lenses</b>	TLD+ 0,43:1 Ultra short throw Fixed Lens TLD+ 0,73-0,94:1 Ultra short throw Zoom Lens TLD+ 0,92 - 1,33:1 Ultra short throw Zoom Lens TLD+ 1,24-1,56:1 Wide Angle Lens TLD+ 1.48 - 2.00:1 Wide Angle Lens TLD+ 2.00 - 2.76:1 Standard Lens TLD+ 2.73 - 4.43:1 Long Throw Lens TLD+ 4.43-7.39:1 Extra Long Throw Lens TLD+ 7.39-10.80:1 Very Long Throw Lens
<b>Lens shift range</b>	Varies depending on lens, check master specification sheet
<b>Inputs</b>	HDMI 2.0, HDBaseT, DP 1.2, Quad SDI/HDSDI/dual HDSDI/Quad 3G HDSDI/BarcoLink
<b>Control</b>	TCP/IP, RS232, RJ45
<b>Control Drivers</b>	For Savant, Control4 and Crestron
<b>3D</b>	active eyewear (optional), passive Infitec (optional), passive circular (optional), triple flash up to 200Hz
<b>Dimensions (WxLxH)</b>	570 x 740 x 360 mm
<b>Weight</b>	48kg
<b>Shipping dimensions (WxLxH)</b>	675 x 850 x 661 mm
<b>Power requirements</b>	110-130V/200-240V, 50-60 Hz
<b>Power consumption</b>	TBD
<b>BTU per hour</b>	TBD
<b>Noise level (typical at 25°C/77°F)</b>	49 dB (A)/ 46 dB(A) (normal)
<b>Operating temperature</b>	0 ~ 40°C / 32 ~ 104°F
<b>Operating humidity</b>	0% - 80%
<b>Installation</b>	Free rotation 360 degrees
<b>Certifications</b>	TBD
<b>Warranty</b>	Limited 3 years parts and labor, extendable up to 5 years

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