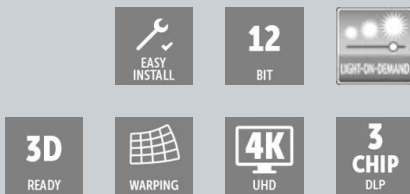


# Njord

Njord has a pleasing calm uniform image and is designed for large screens or high ambient light environments.



- **Theater & Media Room Series**
- **4K UHD Resolution (3,820 x 2,160)**
- **3-Chip DLP**
- **Up to 12,500 ANSI Lumens**

Njord inherits a lot from its predecessor Wodan, however, the light source and optical engine are completely redesigned, made smaller, more efficient, and most importantly optimized for perfect cinematic colors.

Njord not only offers a pleasing uniform image, it also has the power to illuminate large screens or high ambient light environments; like outdoor entertainment spaces and contemporary glass home designs.

These environments will all benefit from an unbelievably bright and detailed image with spectacular color fidelity for the most demanding clients.

## Single Step Processing SSP™

Pulse is a hardware and software based platform that simplifies the signal allowing it to transmit from source to screen much faster and more efficiently.

We use an advanced image processing technique to display the image on the screen without any artefacts and with the lowest possible processing lag (<20ms with all image processing), this is made possible by our Single Step Processing (SSP™).

## State of the art electronics

All new Pulse electronics have been designed to process 4K with HDMI™ 2.0a and HDCP 2.2 and the optical engine utilises the very latest 0.9" DMD DLP chipset, delivering 5,120 x 2,160 pixels to screen.

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



oint.

### 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 12,500 lumens light output currently available.

One of its most striking features is that as standard it's equipped with a fully featured on-demand option for flexible light output between 4,000-12,500 lumens.

### Laser Light Source

Outstanding image quality also requires an exceptional light source which is why we designed Njord with a brand new laser engine, significantly improving image uniformity (95%) over its predecessor.

Njord is also equipped with custom selected lasers to deliver a DCI/P3 color gamut.

Lasers last longer than traditional projector lamps, are not as fragile and offer nearly instant on/off.

## 技術仕様

## NJORD

一般仕様	
プロジェクタータイプ	Three chip DLP
使用技術	3 x 0.90" DMD™ with sealed core
解像度	3,840 x 2,160 (4K UHD)
アスペクト比	1.78:1 (16:9)
光源	Laser phosphor
光源寿命	Up to 20,000
光出力	Up to 12,500 ANSI Lumens Dimable to 4,000 lumens  NOTE: Up to 9,350 ANSI Lumens @ 110v
CLO (コンスタント照明出力)	Yes
コントラスト比	20,000:1 (with DynaBlack enabled) 2,000:1 Sequential 600:1 ANSI
輝度均一性	>90%
レンズ群	(R9801661) -TLD+ (0.41:1) -90 Degree Lens (R9862001) -TLD+ (0.73 - 0.94:1) -90 Degree Lens (R9801414) -TLD+ (0.92 - 1.33:1) (R9862005) -TLD+ (1.24 - 1.56:1) (R9862010) -TLD+ (1.49 - 2.02:1) * (R9862020) -TLD+ (2.01 - 2.76:1) * (R9862030) -TLD+ (2.69 - 4.41:1) * (R9862040) -TLD+ (4.37 - 7.35:1) * (R9829997) -TLD+ (6.95 - 10.83:1)  * Standard Lens Option(s)
光学レンズシフト	Up to 73% vertical lens shift & up to 28% horizontal lens shift (depending on lens selection)  Visit the Barco Residential Lens Calculator for further information Download Lens & Airflow Data Here
光学ダウザー	Yes
色補正	P7 RealColor™
色階調	Up to DCI (P3)
画像処理	Embedded Warp & Blend Engine
WARP	4-Corner Warp & Bow Correction via Warp Engine
方向	360° Rotation
ネットワーク接続	10/100 Ethernet via RJ45 connection
統合ウェブ・サーバー	Yes
診断機能	via Prospector web interface
HDR	HDR10
3D	Active Stereoscopic 3D Additional hardware required please contact an authorized Barco representative for details

## 技術仕様

## NJORD

入力	<p>1 x HDMI™ 2.0 (HDCP 2.2)  2 x HDBaseT (HDCP 1.4 -9Gbps only)  1 x Display Port 1.2  Quad 3G / 12G SDI / BarcoLink</p> <p>1 x RJ45 Ethernet  1 x RS232  1 x USB  2 x DMX (1 x Input / 1 x Output)  1 x XLR for Wired Remote  2 x 3D Sync (1 x Input / 1 x Output)</p> <p>Optional Upgrade: Quad DP1.2</p>
入力解像度	<p>HDMI™:  Up to 4,096 x 2,160 @ 24/25/30/50/60Hz</p> <p>DisplayPort (Single Input):  Up to 4,096 x 2,160 @ 24/30/50/60Hz</p> <p>via Optional Quad DP1.2 Input Card</p> <p>DisplayPort (Layout Mode: 2 x 2) *:  Up to 1,920 x 1,080 @ 120Hz  Up to 2,048 x 1,080 @ 120Hz</p> <p>DisplayPort (Layout Mode: 4 x 1) *:  Up to 960 x 2,160 @ 120Hz</p> <p>* Specialist GFX cards may be required</p>
遅延	TBD
制御	<p>IR, RS232, IP, 12v Trigger  Driver modules available for: Crestron, Control4, RTI &amp; Savant</p> <p>WiFi (Optional), XLR Wired Remote, GSM (Optional)</p>
電源要件	110 -130V / 200 -240V / 50 -60Hz
消費電力	1,723 W Max
ノイズ・レベル (25°C/77°F での標準時)	46 dB(A)
動作温度	<p>0 to 40 °C at Sea Level  Optimal Set Point: 20 °C</p>
動作湿度	0 to 80% (relative humidity)
BTU / 時間	<p>Max. 5,876 BTU/h @ 200 -240V  Max. 4,811 BTU/h @ 110 -130V</p>
エアフロー要件	<p>Air Inlet (from Rear w/Feet Down): Front / Top / Right  Exhaust (from Rear w/Feet Down): Rear</p> <p>Clearance Requirements:  Front: 40cm  Left: 1cm  Right: 40cm  Rear: 40cm  Top: 40cm</p>

**技術仕様****NJORD**

排気の流れ	152 ft <sup>3</sup> /min @ 25 °C 258 m <sup>3</sup> /hour @ 25 °C  Download Lens & Airflow Data Here
寸法 幅×長さ×高さ	Excluding Lens 540 x 725 x 355 mm 21.26 x 28.54 x 14 in.
重量	Excluding Lens 48kg / 105lbs
発送寸法 (WxLxH)	Including Pallet -Excluding Lens (Packaged Separately) 850 x 665 x 613 mm 33.46 x 26.18 x 24.13 in.
発送重量	TBD
標準アクセサリ	Power Cord / Remote Control
証明書	CE, FCC Class A and cCSAus
安全要件	This projector may become Risk Group 3 (RG3) when an interchangeable lens with throw ratio greater than 2.3 is installed.  Refer to the installation manual for further information.
保証	Limited 3 years parts and labor Extendable up to 5 years
*	Firmware upgradable Please contact an authorized Barco representative for details

生成日:27 Mar 2024

技術仕様は予告なく変更する場合があります。最新情報については、[www.barco.com](http://www.barco.com) をご覧ください。