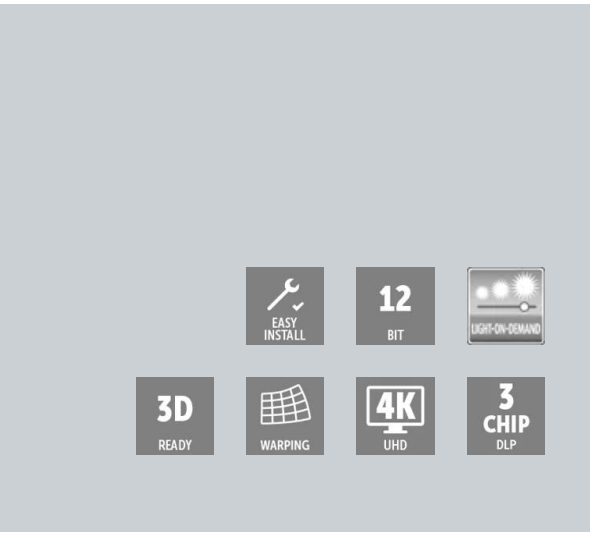
Njord

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 (

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.



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.

技术规格	NJORD
一般规格	
投影机类型	Three chip DLP
光源寿命	Up to 20,000
CLO（恒定光输出）	Yes
光学关闸	Yes
技术	3 x 0.90" DMD™ with sealed core
集成 Web 服务器	Yes
分辨率	3,840 x 2,160 (4K UHD)
诊断	via Prospector web interface
纵横比	1.78:1 (16:9)
光源	Laser phosphor
光输出	Up to 12,500 ANSI Lumens Dimable to 4,000 lumens
对比度	20,000:1 (with DynaBlack enabled), 2,000:1 Sequential 600:1 ANSI
亮度均匀度	>90%
输入分辨率	HDMI™: Up to 4,096 x 2,160 @ 24/25/30/50/60Hz DisplayPort (Single Input): Up to 4,096 x 2,160 @ 24/30/50/60Hz via Optional Quad DP1.2 Input Card DisplayPort (Layout Mode: 2 x 2) *: Up to 1,920 x 1,080 @ 120Hz Up to 2,048 x 1,080 @ 120Hz DisplayPort (Layout Mode: 4 x 1) *: Up to 960 x 2,160 @ 120Hz * Specialist GFX cards may be required
镜头系列	(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)
延迟	TBD
光学镜头移位	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
色彩校正	P7 RealColor™
色域	Up to DCI (P3)
图像处理	Embedded Warp & Blend Engine
WARP	4-Corner Warp & Bow Correction via Warp Engine
安装角度	360° Rotation
网络连接	10/100 Ethernet via RJ45 connection
运行湿度	0 to 80% (relative humidity)
HDR	HDR10
3D	Active Stereoscopic 3D Additional hardware required please contact an authorized Barco representative for details
输入	1 x HDMITM 2.0 (HDCP 2.2) 2 x HDBaseT (HDCP 1.4 -9Gbps only) 1 x Display Port 1.2 Quad 3G / 12G SDI / BarcoLink 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) Optional Upgrade: Quad DP1.2
装箱尺寸	Including Pallet -Excluding Lens (Packaged Separately) 850 x 665 x 613 mm 33.46 x 26.18 x 24.13 in.
控制	IR, RS232, IP, 12v Trigger Driver modules available for: Crestron, Control4, RTI & Savant WiFi (Optional), XLR Wired Remote, GSM (Optional)

技术规格	NJORD
运输重量	TBD
电源要求	110 -130V / 200 -240V / 50 -60Hz
标准配件	Power Card / Remote control
认证	CE, FCC Class A and cCSAus
功耗	1,723 W Max
噪音水平（25°C/77°F 时的典型值）	43 dB(A)
运行温度	0 to 40 °C at Sea Level Optimal Set Point: 20 °C
*	Firmware upgradable Please contact an authorized Barco representative for details
每小时 BTU	Max. 5,876 BTU/h @ 200 -240V Max. 4,811 BTU/h @ 110 -130V
气流要求	Air Inlet (from Rear w/Feet Down): Front / Top / Right Exhaust (from Rear w/Feet Down): Rear Clearance Requirements: Front: 40cm Left: 1cm Right: 40cm Rear: 40cm Top: 40cm
排气流量	152 ft^3/min @ 25 °C 258 m^3/hour @ 25 °C Download Lens & Airflow Data Here
尺寸（宽 x 长 x 高）	Excluding Lens 540 x 725 x 355 mm 21.26 x 28.54 x 14 in.
重量	Excluding Lens 48kg / 105bs
保修政策	Limited 3 years parts and labor Extendable up to 5 years
安全要求	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.

生成于：22 Dec 2025

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