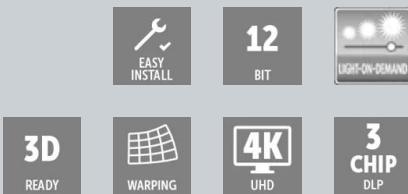


Njord

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 HDMITM 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.

Общие характеристики	
Тип проектора	Three chip DLP
Технология	3 x 0.90" DMD™ with sealed core
Разрешение	3,840 x 2,160 (4K UHD)
Форматное соотношение	1.78:1 (16:9)
Источник света	Laser phosphor
Срок эксплуатации ЖКИ	Up to 20,000
Светоотдача	Up to 12,500 ANSI Lumens Dimable to 4,000 lumens NOTE: Up to 9,350 ANSI Lumens @ 110v
CLO (постоянная светоотдача)	Yes
Уровень контрастности	20,000:1 (with DynaBlack enabled) 2,000:1 Sequential 600:1 ANSI
Однородность яркости	>90%
Диапазон объективов	(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)
Сдвиг оптической линзы	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
Оптический затемнитель	Yes
Коррекция цвета	P7 RealColor™
Цветовая гамма	Up to DCI (P3)
Обработка изображений	Embedded Warp & Blend Engine
WARP	4-Corner Warp & Bow Correction via Warp Engine
Ориентация	360° Rotation

Технические характеристики	NJORD
Соединение сети	10/100 Ethernet via RJ45 connection
Встроенный веб-сервер	Yes
Диагностика	via Prospector web interface
HDR	HDR10
3D	Active Stereoscopic 3D Additional hardware required please contact an authorized Barco representative for details
Входы	<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>
Разрешения входного сигнала	<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>
Задержка	TBD
Контроль	<p>IR, RS232, IP, 12v Trigger Driver modules available for: Crestron, Control4, RTI & Savant</p> <p>WiFi (Optional), XLR Wired Remote, GSM (Optional)</p>
Требования к источнику питания	110 -130V / 200 -240V / 50 -60Hz
Энергопотребление	1,723 W Max

Технические характеристики
NJORD

Уровень шума (номинал при 25 °C / 77 °F)	46 dB(A)
Рабочая температура	0 to 40 °C at Sea Level Optimal Set Point: 20 °C
Влажность при эксплуатации	0 to 80% (relative humidity)
БТЕ/ч	Max. 5,876 BTU/h @ 200 -240V Max. 4,811 BTU/h @ 110 -130V
Требования к воздушному потоку	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
Поток отсасываемого воздуха	152 ft ³ /min @ 25 °C 258 m ³ /hour @ 25 °C Download Lens & Airflow Data Here
Габариты (WxLxH)	Excluding Lens 540 x 725 x 355 mm 21.26 x 28.54 x 14 in.
Вес	Excluding Lens 48kg / 105bs
Размеры в состоянии поставки (Ш x Д x В)	Including Pallet -Excluding Lens (Packaged Separately) 850 x 665 x 613 mm 33.46 x 26.18 x 24.13 in.
Shipping weight	TBD
Стандартные аксессуары	Power Cord / Remote Control
Сертификаты	CE, FCC Class A and cCSAus
Требования к безопасности	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.
Гарантия	Limited 3 years parts and labor Extendable up to 5 years
*	Firmware upgradable Please contact an authorized Barco representative for details

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Технические характеристики могут изменяться без предварительного уведомления. Для получения самой последней информации посетите веб-сайт www.barco.com.