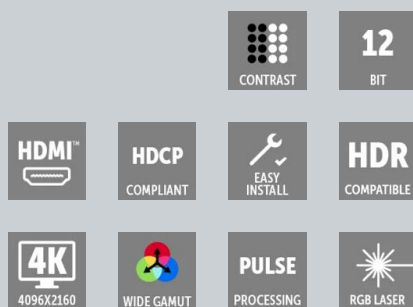


Heimdall

High resolution in a compact format



- **Native 4K Resolution (4,096 x 2,160)**
- **4,500 ANSI Lumens**
- **Solid state RGB Laser**
- **REC.2020 color gamut**

Heimdall is the Norse god who illuminates the world. Our Heimdall guards the Bifrost, having a wide color gamut, capable of displaying vibrant and true-to-life colors, much like the full spectrum of a rainbow.

Heimdall is everything you ever wanted in a home cinema projector... A stunning native 4K picture with REC2020 color gamut. RGB laser with 4,500 lumens makes large screens shine. HDMI™ 2.1 provides the latest connectivity, perfect for gaming. Multiple lens options provide installation flexibility. And, Barco Residential can't wait to show you additional functionality coming with future firmware updates!

- **RGB Laser light engine**The brand new RGB laser light engine gives Heimdall its incredible brightness with a long lifetime of 25,000 hours, even at full power. The solid state design has no moving parts for the absolute highest reliability.
- **HDMI 2.1 connectivity**Supporting HDMI™ 2.1 and HDCP 2.3 this projector also supports consumer video standards including 4K UHD.
- **Optics**7 different lenses are available, from ultra short throw to extreme long throw. This allows the Heimdall to be installed in virtually any room and in virtually any location.
- **Stunning picture quality**Heimdall is Barco Residential's first single chip Native 4K projector for exquisite resolution and

- **Stunning picture quality**Heimdall is Barco Residential's first single chip Native 4K projector for exquisite resolution and detail. The RGB laser light engine provides 98% of the REC2020 color gamut, ensuring faithful reproduction of every color in every movie.
- **Next-generation Pulse platform**Pulse is a hardware and software based platform that simplifies the signal path, allowing it to go 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 artifacts and with virtually to no latency at speeds up to 120hz at Native 4K resolution.
- **Single Step Processing**Single Step Processing (SSP™) provides geometry correction, warping & blending & more for ultimate installation flexibility.

Product specifications**HEIMDALL****General specifications**

Projector type	4K 1-chip DLP RGB laser projector
Light source lifetime	25,000 hours: 100% power/25°C/sea-level
Installation	Free Rotation
Technology	Single Chip 4K DMD, Solid State RGB Laser
Resolution	Native 4K: 4,096 x 2,176 pixels
Aspect ratio	1.88:1
Light source	Solid State RGB Laser
Light output	4,500 ANSI lumens
Contrast ratio	20,000:1 (with DynaBlack)
Input resolutions	Including and up to: 4,096 x 2,160 @ 120Hz RGB/YCbCr 4.4:4.4 12bit
Lens range	Note: All throw ratios adjusted for 0.98" DLP device 0.53:1 (EN67)* 0.70-1.06:1 (EN66)* 0.83-1.14:1 (EN76)* 1.06-1.50:1 (EN63)* 1.10-1.61:1 (EN83) 1.48-2.18:1 (EN61)* 2.19-4.05:1 (EN64)* * Requires York lens adaptor (R9802623) for FLDX/FLD+ lenses
Optical lens shift	Varies depending on lens
Color correction	P7 RealColor™
Color gamut	REC709, DCI-P3, 98% REC2020
Image processing	Embedded warp & blend engine
Network connection	10/100/1000 Mbit
Operational humidity	20 -80% RH
HDR	HDR10, HLG
3D	Active Stereoscopic 3D
Inputs	HDMI 2.1 (HDCP 2.3)
Control	IR, RJ45, Optional Cabled Remote
Storage temperature	-20 to 60 °C
Shipping dimensions (WxLxH)	560 x 765 x 410 mm / 22.1 x 30.1 x 16.1 in. (excluding lens)
Storage humidity	10 -90% RH
Power requirements	7-3A, 100-240V~, 50/60Hz
Certifications	CE, FCC Class A and cCSAus
Power consumption	520W typical, 750W maximum
Noise level (typical at 25°C/77°F)	29dB
Operating temperature	10 -40°C (sea level)
Operating humidity	20 -80% RH
BTU per hour	1,774 BTU/h typical, 2,545 BTU/h maximum
Dimensions (WxLxH)	473 x 563 x 293 mm / 18.6 x 22.2 x 11.6 in (excluding lens and feet)
Weight	31 kg/68 lbs
Warranty	Limited 3 years parts and labor, extendable up to 5 years
Safety requirements	RG2 *Only lenses specified in the installation manual are permitted for installation.

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