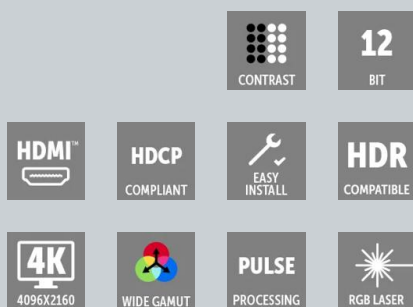# Heimdall

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 firm ware updates!

- RGB Laser light engineThe brand new RGB laser light engine gi ves Heimdall its incredible brightness with a long lifetime of 2 5,000 hours, even at full power. The solid state design has no moving parts for the absolute hi ghest reliability.

- HDMI 2.1 connectivitySupporting HDMI™ 2.1 and HDCP 2. 3 this projector also supports consumer video standards inclu ding 4K UHD.

- Optics7 different lenses are available, from ultra short throw to extreme long throw.

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- Optics7 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 qualityHeimdall 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 platformPulse 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 ProcessingSingle Step Processing (SSP™)
  provides geometry correction,
  warping & blending & more for ultimate installation flexibility.

技术规格	HEIMDALL
一般规格	
投影机类型	4K 1-chip DLP RGB laser projector
光源寿命	25,000 hours: 100% power/25°C/sea-level
安装	Free Rotation
技术	Single Chip 4K DMD, Solid State RGB Laser
分辨率	Native 4K: 4,096 x 2,176 pixels
纵横比	1.88:1
光源	Solid State RGB Laser
光输出	4,500 ANSI lumens
对比度	20,000:1 (with DynaBlack)
输入分辨率	Including and up to: 4,096 x 2,160 @ 120Hz RGB/YCbCr 4:4:4 12bit
镜头系列	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
光学镜头移位	Varies depending on lens
色彩校正	P7 RealColor™
色域	REC709, DCI-P3, 98% REC2020
图像处理	Embedded warp & blend engine
网络连接	10/100/1000 Mbit
运行湿度	20 -80% RH
HDR	HDR10, HLG
3D	Active Stereoscopic 3D
输入	HDMI 2.1 (HDCP 2.3)
控制	IR, RJ45, Optional Cabled Remote
存储温度	-20 to 60 °C
运输尺寸（宽 x 长 x 高）	560 x 765 x 410 mm / 22.1 x 30.1 x 16.1 in. (excluding lens)
存储湿度	10 -90% RH
电源要求	7-3A, 100-240V~, 50/60Hz
认证	CE, FCC Class A and cCSAus
功耗	520W typical, 750W maximum
噪音水平（典型值，25°C/77°F）	29dB
运行温度	10 -40°C (sea level)
运行湿度	20 -80% RH
每小时 BTU	1,774 BTU/h typical, 2,545 BTU/h maximum
尺寸（宽 x 长 x 高）	473 x 563 x 293 mm / 18.6 x 22.2 x 11.6 in (excluding lens and feet)
重量	31 kg/68 lbs
保修政策	Limited 3 years parts and labor, extendable up to 5 years
安全要求	RG2 *Only lenses specified in the installation manual are permitted for installation.

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