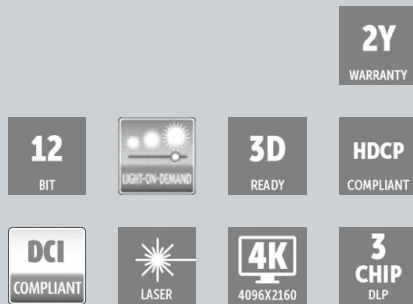


Thor

The hammerwielding god of lightning,
brings direct laser projection to the most exclusive homes for the first time.



- Cinema at Home Series
- Native 4K Resolution (4,096 x 2,160)
- 6P RGB Laser
- Up to 15,000 ANSI Lumens

The Thor platform represents the pinnacle of Barco Residential's projection portfolio.

Thor's perfectly designed, 6P RGB laser technology, 15,000 lumen output and hermetically sealed 4K DLP® engine, delivers reality altering levels of immersion for the largest home theatres.

Worlds first

Thor (and Thor+) are the world's only integrated laser 6P 4K 3D projection solutions for Cinema at Home. In order to reliably achieve long lifetime at brightness levels twice that of xenon projectors, a sophisticated control system actively cools both laser modules and the DMD engine, providing a predictable 30,000 hour lifetime with at least 80% of the initial brightness.

Laser Speckle

Thanks to Barco's industry-leading technology to minimize laser speckle, Thor is able to provide superior 2D and 3D images on both white and silver screens.

Color convergence mechanism

Thor also features our unique and highly acclaimed analog color convergence mechanism. By allowing the green and red DMD chips to be manually adjusted, perfect convergence can be achieved. This attention to detail renders images sharper and more immersive than ever before.

Hand Built

Not every projector can claim to be handbuilt, Thor can. Even though we are using state-of-the-art technologies for most processes – such as measuring, calibrating, assembling our electronics, and manufacturing the delicate optics and mechanics – every single step of the process is overseen by specifically trained professionals. Moreover, the assembly of vital parts is performed by hand, guaranteeing ultimate quality at all stages of manufacture.

技术规格**THOR**

一般规格	
投影机类型	Three chip DLP
技术	3 x 1.38" DMD™
分辨率	4,096 x 2,160 (4K)
宽高比	1.89:1
光源	6P RGB Laser
光源使用期限	30,000 Hours or more Replaceable illumination
光输出	Up to 15,000 ANSI lumens
CLO (稳定光输出)	Yes
对比度	6,000:1 Sequential 1,000:1 ANSI w/High Contrast Lens
亮度均匀性	80% at sides 75% at corners
透镜范围	(R98013983) -4K-VHC HDR (1.13 - 1.72:1) * (R98013333) -4K-VHC HDR (1.35 - 1.84:1) * (R98013343) -4K-VHC HDR (1.45 - 2.10:1) * (R98013533) -4K-VHC HDR (1.65 - 2.70:1) * (R98013543) -4K-VHC HDR (1.98 - 3.40:1) * (R98562942) -DC4K HC (1.35 - 1.86:1) (R98562972) -DC4K HC (1.46 - 2.10:1) (R98563002) -DC4K HC (1.65 - 2.60:1) (R98563032) -DC4K HC (2.00 - 3.35:1) * Standard Lens Option(s)
光学镜片移动	Up to 25% vertical lens shift & up to 15% horizontal lens shift Motorized zoom, focus, shutter and lens shift Download Lens Data Here
倾斜	20° Forwards 5° Backwards
挡光板	Yes
色彩纠正	P7
色阶度	REC2020
图像处理	Alchemy - Integrated Cinema Media Processor (ICMP)
WARP	N/A
安装角度	Pedestal / Table Top
网络连接	10/100 Ethernet via RJ45 connection
软件工具	Barco Communicator
集成网络服务器	No
HDR	HDR10
3D	Color3D (Barco Laser3D): Native 6-primary color-3D system. Only requires color filter glasses (Dolby3D glasses cannot be reused) Active glasses systems Polarization recuperation systems

技术规格**THOR**

输入	Barco Alchemy ICMP included in the projector: 2 x HDMI2.0a (up to 4K 2D 60fps) 2 x 3G-SDI inputs 16 x AES/EBU audio channels (2 x RJ45) 8 x GPI, 8x GPO (4 x RJ45) 2 x Gbe for content connectivity & ingest 2 x front-accessible USB 3.0 for fast ingest 2 x front-accessible USB 2.0 DCI 4K 2D up to 60fps* DCI 4K 3D (24 or 30fps per eye)* DCI High Frame Rates 2K 3D up to 120fps (60fps per eye) JPEG 2000 bit-rates up to 625 Mbps MPEG-2 (4:2:0 and 4:2:2 up to 60fps)
输入分辨率	VGA up to 4K (4,096 x 2,160) @ 120Hz
DCI	DCI Compliant
集成存储	3.9TB effective storage (RAID-5) via 3 x 2TB Hot-swappable 2.5" hard-drives
控制	RS232, TCP/IP, 8 x GPIO
电力要求	Projector: Y connection: 200-240V / 346-415V 50-60Hz 16A 3W+N+PE Power cord size range: 4 sq mm to 6 sq mm, 10AWG to 8AWG Circuit breaker range: 25A to 40A Delta connection: 200-240V 3W+PE 28A 50-60Hz Power cord size: 6 sq mm, 8AWG Circuit breaker: 40A Chiller: Y connection: 230/400V 3W+N+PE 16A, 2.5 sq mm Delta connection: 208V / 3W+PE Max. 16A per phase
功率消耗	Projector (Full Laser Power): 3.5 kW (2D or Polarization 3D) 2.0 kW (Barco Laser3D - 6P) Chiller (Full Laser Power): 2.0 kW (2D or Polarization 3D) 1.6 kW (Barco Laser3D - 6P)
噪音级别 (典型, 25°C/77°F时)	Projector (w/Chiller): 68 dB(A) - Max Projector (w/o Chiller): 52db(A)
工作温度	10 to 30 °C Max. (sea Level)
工作湿度	75% Max. (projector and chiller)
每小时BTU	18,500 BTU/h
气流要求	Air Inlet (from Rear w/Feet Down): TBC Exhaust (from Rear w/Feet Down): TBC
排风量	TDB

技术规格**THOR**

尺寸(宽x长x高)	Projector: 742 x 1,446* x 706 mm (includes feet / excludes lens) 29.2 x 56.9 x 27.8 in. (includes feet / excludes lens) Chiller: 701 x 701 x 800 mm 27.6 x 27.6 x 31.5 in. * Excludes allowance for chiller hoses
净重	Projector: 200 kg / ~440 lbs (excludes lens) Chiller: ~115 kg / ~250 lbs
装运尺寸	1,780 x 1,320 x 1,020 mm excludes lens - packaged separately) 70.1 x 52.0 x 40.2 in. (excludes lens - packaged separately)
毛重	307 kg / 677 lbs (excludes lens - packaged separately)
认证	CE; ETL/UL/FCC, CCC
保修期	Limited 3 years parts and labor Extendable up to 5 years
安全要求	Class 1, Risk Group 3
*	Firmware upgradable Please contact an authorized Barco representative for details

生成于: 22 Jun 2023

技术规格随时变化, 不会事先通知。请访问www.barco.com.cn, 获取更新信息。