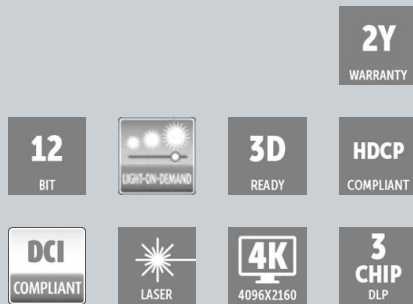


Thor

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.

기술 사양

THOR

| 일반 사양 | |
|----------------------------|--|
| 프로젝터 유형 | Three chip DLP |
| 기술 | 3 x 1.38" DMD™ |
| 해상도 | 4,096 x 2,160 (4K) |
| 화면 비율 | 1.89:1 |
| 광원 | 6P RGB Laser |
| 광원 수명 | 30,000 Hours or more Replaceable illumination |
| 광 출력 | Up to 15,000 ANSI lumens |
| CLO(Constant Light Output) | Yes |
| 명암비율 | 6,000:1 Sequential 1,000:1 ANSI w/High Contrast Lens |
| 밝기 균일도 | 80% at sides 75% at corners |
| 렌즈 범위 | (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) |
| 광학 렌즈범위 | Up to 25% vertical lens shift & up to 15% horizontal lens shift Motorized zoom, focus, shutter and lens shift Download Lens Data Here |
| 틸트 | 20° Forwards 5° Backwards |
| 옵티컬 다우저 | Yes |
| 색 보정 | P7 |
| 색 영역 | REC2020 |
| 영상 처리 | Alchemy - Integrated Cinema Media Processor (ICMP) |
| WARP | N/A |
| 방향 | Pedestal / Table Top |
| 네트워크 연결 | 10/100 Ethernet via RJ45 connection |
| 소프트웨어 툴 | Barco Communicator |
| 통합 웹 서버 | 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 |

기술 사양

THOR

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| 입력 | <p>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</p> <p>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)</p> |
| 입력 해상도 | VGA up to 4K (4,096 x 2,160) @ 120Hz |
| DCI | DCI Compliant |
| 통합 스토리지 | 3.9TB effective storage (RAID-5) via 3 x 2TB Hot-swappable 2.5" hard-drives |
| 컨트롤 | RS232, TCP/IP, 8 x GPIO |
| 전원 요구 사항 | <p>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</p> <p>Delta connection: 200-240V 3W+PE 28A 50-60Hz Power cord size: 6 sq mm, 8AWG Circuit breaker: 40A</p> <p>Chiller: Y connection: 230/400V 3W+N+PE 16A, 2.5 sq mm Delta connection: 208V / 3W+PE Max. 16A per phase</p> |
| 전력 소비 | <p>Projector (Full Laser Power): 3.5 kW (2D or Polarization 3D) 2.0 kW (Barco Laser3D - 6P)</p> <p>Chiller (Full Laser Power): 2.0 kW (2D or Polarization 3D) 1.6 kW (Barco Laser3D - 6P)</p> |
| 소음 수준 (25°C/77°F에서 일반적인 값) | <p>Projector (w/Chiller): 68 dB(A) - Max</p> <p>Projector (w/o Chiller): 52db(A)</p> |
| 작동 온도 | 10 to 30 °C Max. (sea Level) |
| 작동 습도 | 75% Max. (projector and chiller) |
| 시간당 BTU | 18,500 BTU/h |
| 기류 요구 사항 | <p>Air Inlet (from Rear w/Feet Down): TBC Exhaust (from Rear w/Feet Down): TBC</p> |
| 배기량 | TDB |

기술 사양**THOR**

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|-----------|---|
| 크기(WxLxH) | 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 |
| 무게 | Projector: 200 kg / ~440 lbs (excludes lens) Chiller: ~115 kg / ~250 lbs |
| 물품 크기 | 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) |
| 적재중량 | 307 kg / 677 lbs (excludes lens - packaged separately) |
| 인증 | CE; ETL/UL/FCC, CCC |
| 보증 | Limited 3 years parts and labor Extendable up to 5 years |
| 안전 요구 사항 | Class 1, Risk Group 3 |
| * | Firmware upgradable Please contact an authorized Barco representative for details |

작성일: 22 Jun 2023기술 사양은 예고 없이 변경될 수 있습니다. 최신 정보는 www.barco.com에서 확인하십시오.