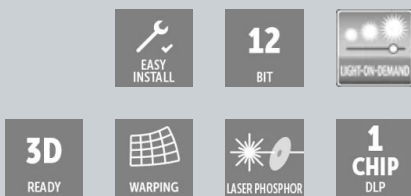


Balder Cinemascope

The cornerstone of home cinema systems designed to deliver outstanding experiences in the world's finest homes.



- Theater & Media Room Series
- 5K UHD Resolution (5,120 x 2,160)
- Laser Phosphor
- Up to 5,600 ANSI Lumens

Balder incorporates our unique PULSE electronics platform, inhouse designed laser engine and the world's finest optical components, fusing them together with the imaging device technology chosen by 9 out of 10 professional cinemas: DLP.

Professional grade optics

By basing Balder Cinemascope's optical engine on its bigger brother Loki's Cinemascope's architecture, incorporating custom designed aspherical glass elements and enhanced low dispersion glass lenses, image quality is in a class of its own. Topping that, Balder's chassis and core are built from aluminium and magnesium, which offer exceptional robustness, resulting in the best picture quality ever shown at this level.

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State of the art electronics

Thanks to our unique single step processing technology (SSPTM), Pulse electronics are designed to process 4K UHD, HDMI™ 2.0a, HDCP 2.2 and HDR10 signals with extremely low latency.

Balder CinemaScope uses the very latest 0.9" DMD DLP chipset, to display flawless 5K UHD (5,120 x 2,160 px), 2.37:1 aspect ratio images on screen.

CinemaScope

Our unique aspect ratio detection system, automatically crops and scales content to fit the appropriate screen area, ranging from 1.78:1 to 2.39:1.

Manual cropping is also available for custom configurations such as cinemascope subtitle support, where only the top black bar is removed from none 1.78:1 content, preserving the subtitles at the foot of the image.

Liquid cooling

Balder has departed from a pure fan based cooling system, opting instead for a liquid cooling PID regulation system. This combined with our simulation grade warp engine allows Balder to operate at any angle (free rotation), offering new possibilities when it comes to architectural integration.

Especificaciones del producto

BALDER CINEMASCOPE

Especificaciones generales

| | |
|--------------------------------|--|
| Tipo de proyector | Single chip DLP |
| Vida útil de la fuente de luz | 20,000 - 60,000 hours Laser intensity dependent |
| CLO (salida de luz constante) | Yes |
| Obturador óptico | Yes |
| Tecnología | 0.9" DMD™ |
| Servidor web integrado | Yes |
| Resolución | 5,120 x 2,160 (5K UHD) |
| Diagnóstico | via Prospector web interface |
| Relación de aspecto | 2.37:1 (CinemaScope) |
| Fuente de luz | Laser phosphor |
| Potencia luminosa | DCI (P3) Color Wheel: Up to 3,600 ANSI lumens T Color Wheel: Up to 4,000 ANSI lumens M Color Wheel: Up to 5,600 ANSI lumens |
| Relación de contraste | 1,800:1 Sequential 450:1 ANSI |
| Uniformidad de brillo | >90% |
| Resoluciones de entrada | From VGA up to 4K UHD (3,840 x 2,160) @ 60Hz or up to 2,560 x 1,600 @ 120Hz |
| Rango de la lente | (R9802232) -EN68 (0.30:1) -Periscope Lens (requires vertical installation) (R9801832) -FLDX UST (0.41:1) -90°ns (R9802244) -EN67 (0.65:1) (R9802243) -EN66 (0.80 - 1.21:1) (R9802003) -EN76 (0.95 - 1.30:1) (R9802242) -EN63 (1.20 - 1.70:1) * (R9802241) -EN61 (1.70 - 2.50:1) * (R9801211) -EN44 (2.50 - 4.60:1) * Standard Lens Option(s) |
| Latencia | TBD |
| Desplazamiento de lente óptico | Up to 122% vertical lens shift & up to 40% horizontal lens shift (depending on lens selection) Visit the Barco Residential Lens Calculator for further information Download Lens & Airflow Data Here |
| Corrección de color | P7 RealColor™ |
| Alimentación en espera | Standby ECO Mode: 110v -0.73W (with LAN Connection) 230v -0.82W (with LAN Connection) |
| Gamut de colores | DCI (P3) Color Wheel: DCI P3 T Color Wheel: REC.709 M Color Wheel: REC.709 |
| Procesamiento de imágenes | Embedded Warp & Blend Engine |
| WARP | 4-Corner Warp & Bow Correction via Warp Engine |
| Orientación | 360° Rotation |
| Conexión de red | 10/100 Ethernet via RJ45 connection |
| Humedad de funcionamiento | 20 to 80% (relative humidity) |
| HDR | HDR10 |
| 3D | Active Stereoscopic 3D Additional hardware required please contact an authorized Barco representative for details |
| Entradas | 1 x HDMI™ 2.0 (HDCP 2.2) 1 x HDBaseT (HDCP 1.4 -9Gbps only) 2 x Dual Link DVI-D 2 x Display Port (1.2) 12G-SDI 1 x RJ45 Ethernet 1 x RS232 1 x Remote Control (RC) 3 x USB (2 x Rear, 1 x Front) DMX (1 x Input, 1 x Output) |
| Dimensiones de envío | Excluding Lens 730 x 600 x 480 mm 28.7 x 23.7 x 18.9 in. |
| Control | IR, RS232, IP, 12v Trigger Driver modules available for: Crestron, Control4, RTI & Savant NOTE: 12v Trigger(s) do not follow standard functionality and require an IP command to enable / disable them. Download our integration guide for more information. |
| Peso de envío | Excluding Lens 43 kg / 94.8 lbs |

Especificaciones del producto**BALDER CINEMASCOPE**

| | |
|---------------------------------------|---|
| Requisitos de alimentación | 100 -240V / 50 -60Hz |
| Accesorios estándar | Power Cord, Remote Control |
| Certificaciones | CE, FCC Class A and cCSAus |
| Consumo de energía | 1,100 W -Max. |
| Nivel de ruido (típico a 25 °C/77 °F) | 36 dB(A) |
| Funcionamiento 24/7 | This projector is designed and warranted for heavy duty 24/7 operation. Specific measures and design considerations have been made in order for it to comply with stringent requirements in challenging applications. |
| Temperatura de funcionamiento | 10 to 45 °C at Sea Level Optimal Set Point: 20 °C |
| Humedad de funcionamiento | 20 to 80% relative humidity |
| * | Firmware upgradable Please contact an authorized Barco representative for details |
| BTU por hora | 4,000 BTU/h -Max. |
| Requisitos de flujo de aire | Air Inlet (from Rear w/Feet Down): Right Side Exhaust (from Rear w/Feet Down): Rear Clearance Requirements: Front: 1cm Left: 1cm Right: 50cm Rear: 100cm Top: 1cm |
| Flujo de aire de escape | 112 ft ³ /min @ 25 °C 190 m ³ /hour @ 25 °C Download Lens & Airflow Data Here |
| Dimensiones (ancho x largo x alto) | Excluding Lens 475 x 588 x 286 mm 18.7 x 23.1 x 11.3 in. |
| Peso | Excluding Lens 37 kg / 81.5 lbs |
| Garantía | Limited 3 years parts and labor Extendable up to 5 years |
| Requisitos de seguridad | This projector is Risk Group 2 (RG2) according to IEC EN 62471-5. This projector may become Risk Group 3 (RG3) when an interchangeable lens with throw ratio greater than 6.0 is installed. Refer to the installation manual for further information. |

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