

Medea

Just as the mythical Medea flew in a golden chariot driven by dragons, our Medea will bring fantasy to life.



- Media Room Series
- 4K UHD Resolution (3,840 x 2,160)
- Laser Phosphor
- Up to 6,500 ANSI lumens

Medea is our entry level 4K UHD projector, with up to 6,500 ANSI lumens, laser phosphor illumination and custom Barco Pulse electronics. Painstakingly designed, optimised and manufactured in our European design centers, Medea delivers unprecedented performance in small to medium sized media rooms and dedicated home cinemas.

Professional grade optics

Medea's optical engine architecture is world-class, built from custom designed aspherical glass elements and enhanced low dispersion glass lenses. The resulting image quality is simply outstanding.

State of the art "Pulse" electronics

Our "Pulse" electronics are built on a superior FPGA platform, featuring a dual core processor on the industry's only 20 nm SoC, with 96 transceiver lanes delivering 3.3 Tbps of serial bandwidth.

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. This provides exceptional gaming and movie viewing experiences.

RealColor

Barco's RealColor processing enables simple and accurate calibration to your desired color gamut and white point.

Award winning DLP technology

Medea utilises the very latest 0.66" DMD from Texas Instruments which features a 5.4 Micron Micromirror Pitch and a $\pm 17^\circ$ Micromirror Tilt (Relative to Flat Surface). This technology allows us to display flawless 4K UHD (3,840 x 2,160 px) images.

Laser light source

Light on demand, allows you to adjust light output to match the time of day and/or content you're viewing. Medea's long laser lifetime means you can treat it like a TV, whilst still getting the big screen experience. 20,000 hours laser usage equates to 5 hours viewing every day for 11 years.

Specifiche tecniche

MEDEA

| Specifiche generali | |
|---|---|
| Tipo di proiettore | Single chip DLP |
| Tecnologia | 0.66" DMD™ |
| Risoluzione | 3,840 x 2,160 (4K UHD) |
| Proporzioni | 1.78:1 (16:9) |
| Sorgente luminosa | Laser phosphor |
| Durata sorgente luminosa | 40,000hrs in Long Life Mode 20,000hrs in Normal Mode 12,000hrs in Silent Mode 12,000hrs in High Brightness Mode |
| Emissione luminosa | Up to 6,500 ANSI lumens |
| CLO (Constant Light Output) | Yes |
| Rapporto di contrasto | 1,300:1 Sequential 350:1 ANSI |
| Uniformità della luminosità | >85% |
| Intervallo obiettivo | (R98017241) -GLD (0.80 - 1.00:1) (R98017221) -GLD (1.00 - 1.35:1) (R98017201) -GLD (1.35 - 2.00:1) * (R98017191) -GLD (1.35 - 2.00:1) -Manual Zoom & Focus ** (R98017211) -GLD (2.00 - 3.00:1) NOTE: The below lens options require an EN Series lens adapter (R9801442) (R9801832) -FLDX UST (0.54:1) -90°ns (R9802244) -EN67 (0.86:1) (R9802243) -EN66 (1.06 - 1.60:1) (R9802003) -EN76 (1.26 - 1.72:1) (R9802242) -EN63 (1.58 - 2.25:1) (R9802241) -EN61 (2.25 - 3.31:1) (R9801211) -EN44 (3.30 - 6.08:1) * Standard Lens Option(s) -USA ** Standard Lens Option(s) -Rest of World |
| Spostamento obiettivo ottico | GLD Series Lens Options Up to 60% vertical lens shift & up to 18% horizontal lens shift (depending on lens selection) EN Series Lens Options Up to 67% vertical lens shift & up to 18% horizontal lens shift (depending on lens selection) Visit the Barco Residential Lens Calculator for further information Download Lens & Airflow Data Here |
| Schermo paralucente ottico | Yes |
| Correzione del colore | P7 RealColor™ |
| Gamma di colori | REC.709 |
| Elaborazione delle immagini | Embedded Warp & Blend Engine |
| WARP | 4-Corner Warp & Bow Correction via Warp Engine |
| Orientazione | 360° Rotation |
| Connessione in rete | 10/100 Ethernet via RJ45 connection |
| Server web integrato | Yes |
| Diagnostica | via Prospector web interface |
| HDR | HDR10 |
| 3D | Active Stereoscopic 3D Additional hardware required please contact an authorized Barco representative for details |
| Ingressi | 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) |
| Risoluzioni in ingresso | From VGA up to 4K UHD (3,840 x 2,160) @ 60Hz or up to 2,560 x 1,600 @ 120Hz |
| Latenza | TBD |
| Controllo | 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. |
| Requisiti di alimentazione | 100 -240V / 50 -60Hz US Requires: 20A Service (NEMA 5-20P Plug Type) |
| Consumo energetico | 850 W maximum |
| BTU per ora | 2,900 BTU/h maximum |
| Livello di rumore (tipico a 25°C/77°F) | 35 dB(A) |
| Intervallo temperature in funzionamento | 10 to 45 °C at Sea Level Optimal Set Point: 20 °C |

Specifiche tecniche

MEDEA

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|------------------------------------|--|
| Umidità in funzionamento | 20 to 80% (relative humidity) |
| Requisiti per flusso d'aria | Air Inlet (from Rear w/Feet Down): Left Side Exhaust (from Rear w/Feet Down): Right Side Clearance Requirements: Front: 1cm Left: 50cm Right: 80cm Rear: 20cm Top: 1cm |
| Ventilazione di scarico | 221 ft ³ /min @ 22.9 °C 375 m ³ /hour @ 22.9 °C Download Lens & Airflow Data Here |
| Dimensioni (PXLXA) | Excluding Lens 481 x 680 x 239 mm 18.9 x 26.8 x 9.4 in. |
| Peso | Excluding Lens 25.5 kg / 56.2 lbs |
| Dimensioni imballaggio (P x L x A) | Excluding Lens 920 x 700 x 700 mm 36 x 27 x 27 in. |
| Peso con imballo | Excluding Lens 42 kg / 92 lbs |
| Accessori | Power Cord, Remote Control |
| Certificazioni | CE, FCC Class A and cCSAus |
| Requisiti di sicurezza | 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 3.5 is installed. Refer to the installation manual for further information. |
| Garanzia | Limited 3 years parts and labor Extendable up to 5 years |
| * | Firmware upgradable Please contact an authorized Barco representative for details |

Generato il: 27 Mar 2024

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