

# 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.

**Especificações técnicas****MEDEA**

<b>Especificações gerais</b>	
Tipo de projetor	Single chip DLP
Tecnologia	0.66" DMD™
Resolução	3,840 x 2,160 (4K UHD)
Relação de aspecto	1.78:1 (16:9)
Fonte de luz	Laser phosphor
Vida útil da fonte de luz	40,000hrs in Long Life Mode 20,000hrs in Normal Mode 12,000hrs in Silent Mode 12,000hrs in High Brightness Mode
Saída de luz	Up to 6,500 ANSI lumens
CLO (saída de luz constante)	Yes
Razão de contraste	1,300:1 Sequential 350:1 ANSI
Uniformidade de brilho	>85%
Faixa de alcance da lente	(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
Deslocamento óptico de lente	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
Obturador óptico	Yes
Correção de cores	P7 RealColor™
Gama de cores	REC.709
Processamento de imagens	Embedded Warp & Blend Engine
WARP	4-Corner Warp & Bow Correction via Warp Engine
Orientação	360° Rotation
Conexão de rede	10/100 Ethernet via RJ45 connection
Servidor da Web integrado	Yes
Diagnóstico	via Prospector web interface
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)
Resoluções de entrada	From VGA up to 4K UHD (3,840 x 2,160) @ 60Hz or up to 2,560 x 1,600 @ 120Hz
Latência	TBD
Controle	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.
Requisitos de energia	100 -240V / 50 -60Hz US Requires: 20A Service (NEMA 5-20P Plug Type)
Consumo de energia	850 W maximum
BTU por hora	2,900 BTU/h maximum
Nível de ruído (normal a 25 °C/77 °F)	35 dB(A)
Temperatura de operação	10 to 45 °C at Sea Level Optimal Set Point: 20 °C

## Especificações técnicas

## MEDEA

Umidade de operação	20 to 80% (relative humidity)
Requisitos de fluxo de ar	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
Fluxo de ar de exaustão	221 ft <sup>3</sup> /min @ 22.9 °C 375 m <sup>3</sup> /hour @ 22.9 °C <a href="#">Download Lens &amp; Airflow Data Here</a>
Dimensões (LxPxA)	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
Dimensões da Remessa (L x C x A)	Excluding Lens 920 x 700 x 700 mm 36 x 27 x 27 in.
Peso de expedição	Excluding Lens 42 kg / 92 lbs
Acessórios	Power Cord, Remote Control
Certificações	CE, FCC Class A and cCSAus
Requisitos de segurança	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.
Garantia	Limited 3 years parts and labor Extendable up to 5 years
*	Firmware upgradable Please contact an authorized Barco representative for details

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Especificações técnicas estão sujeitas a alterações sem aviso prévio. Consulte [www.barco.com](http://www.barco.com) para as últimas informações.