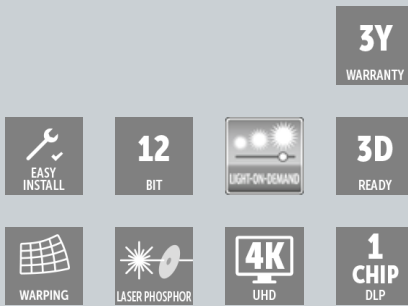


Medea

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

With 4K UHD resolution, 6,500 lumens of laser illumination and custom Barco Pulse electronics, Medea has been optimized to deliver unprecedented fun in small to medium-sized media rooms.

Professional grade optics

Medea's optical engine architecture is nothing but world-class. It is built from custom designed aspherical glass elements and enhanced low dispersion glass lenses. The resulting image quality is simply outstanding.

State of the art electronics

All new "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. It has been designed to process 4K with HDMI 2.0a and HDCP 2.2 and HDR10 with extremely low latency, thanks to our unique single step processing technology. Barco's RealColor processing enables simple and accurate calibration to any desired white point or greyscale.

Award winning DLP technology

Medea utilises the very latest 0.66" diagonal Micromirror Array from TI, it displays 4K Ultra High Definition (UHD) 3,840 x 2,160 pixels on screen, features a 5.4 Micron Micromirror Pitch and a $\pm 17^\circ$ Micromirror Tilt (Relative to Flat Surface).

Laser light source

Medea is packed with a brand new laser engine. Alongside significantly improved image uniformity, lasers last longer than traditional projector lamps, are not as fragile and offer nearly instant on/off. Light output is up to 6,500 ANSI lumens.

PRODUCT SPECIFICATIONS**MEDEA**

Projector type	Single chip DLP
Technology	0.66" DMD™
Resolution	3,840 x 2,160 (4K UHD)
Aspect ratio	1.78:1 (16:9)
Light source	Laser phosphor
Light source lifetime	40,000hrs in Long Life Mode 20,000hrs in Normal Mode 12,000hrs in Silent Mode 12,000hrs in High Brightness Mode
Light output	Up to 6,500 ANSI lumens
CLO (constant light output)	Yes
Contrast ratio	1,300:1 Sequential 350:1 ANSI
Brightness uniformity	85%
Lens range	GLD (0.80 - 1.00:1) GLD (1.00 - 1.35:1) GLD (1.35 - 2.00:1) GLD (1.35 - 2.00:1) -Manual Zoom & Focus GLD (2.00 - 3.00:1) FLDX UST (0.57:1) -90 degree lens (requires EN Series Lens Adapter) EN67 (0.86:1) (requires EN Series Lens Adapter) EN66 (1.06 - 1.60:1) (requires EN Series Lens Adapter) EN63 (1.58 - 2.25:1) (requires EN Series Lens Adapter) EN61 (2.25 - 3.31:1) (requires EN Series Lens Adapter) EN44 (3.30 - 6.08:1) (requires EN Series Lens Adapter)
Optical lens shift	Up to 60% vertical lens shift & up to 18% horizontal lens shift (depending on lens selection -GLD Series) Up to 67% vertical lens shift & up to 18% horizontal lens shift (depending on lens selection -EN Series) Motorized zoom, focus, shutter and lens shift (depending on lens selection) Visit the Barco Residential Lens Calculator for further information Download Lens & Airflow Data Here
Optical dowser	Yes
Color correction	P7 RealColor™
Color gamut	REC.709
Image processing	Embedded warp, bow correction & blend engine
WARP	Four corner warp
Orientation	360° rotation, no restrictions
Network connection	10/100 Ethernet via RJ45 connection
Integrated web server	Yes
HDR	HDR10
3D	Active stereoscopic 3D* (requires firmware release 1.6 onwards) Additional hardware required please contact an authorized Barco representative for details
Inputs	1 x HDMI 2.0a (HDCP 2.2), 1 x HDBaseT (HDCP 1.4), 2 x dual link DVI-D, 2 x Display Port, 12G-SDI 1 x RJ45 Ethernet, RS232, 3 x USB, DMX in/out*
Input resolutions	VGA up to 4K UHD (3,840 x 2,160) @ 60Hz Up to 2,560 x 1,600 @ 120Hz
Latency	

PRODUCT SPECIFICATIONS**MEDEA**

Control	IR, RS232, TCP/IP, 3 x 12v Trigger (requires firmware release 1.6 onwards) Driver modules available for: Crestron, Control4, RTI & Savant NOTE: 12v Triggers do not follow standard functionality and requires an IP command to enable / disable. IR activation is not supported
Power requirements	100 -240V / 50 -60Hz US Requires: 20A Service (NEMA 5-20P Plug Type)
Power consumption	700 W nominal 850 W maximum
BTU per hour	2,388 BTU/h nominal 2,900 BTU/h maximum
Standby power	Standby ECO Mode: 100v -0.74W (with LAN Connection) 240v -0.86W (with LAN Connection)
Noise level (typical at 25°C/77°F)	35 dBA rel. 20uPa @ 1 meter
Operating temperature	10 to 45 °C -Sea Level 20 °C -Optimal Set Point
Airflow requirements	Air Inlet (from Rear w/Feet Down): Left Side Exhaust (from Rear w/Feet Down): Right Side Clearance Distances (Front / Left / Right / Rear): 1cm / 50cm / 80cm / 20cm
Exhaust airflow	221 ft ³ /min @ 22.9 °C 6,258 Litres/min @ 22.9 °C
Operating humidity	20 to 80% (relative humidity)
Dimensions (WxLxH)	481 x 680 x 239 mm (includig feet / excluding lens) 18.9 x 26.8 x 9.4 in. (includig feet / excluding lens)
Weight	25.5 kg / 56.2 lbs (excluding lens)
Shipping dimensions (WxLxH)	920 x 700 x 700 mm (excluding lens - packaged separately) 36 x 27 x 27 in. (excluding lens - packaged separately)
Shipping weight	42 kg / 92 lbs (excluding lens - packaged separately)
Storage temperature	-20 to 60 °C
Storage humidity	10 to 90% (relative humidity)
Accessories	Power cord(s), wireless remote control
Certifications	FCC Class A
Warranty	Limited 3 years parts and labor Extendable up to 5 years
*	Firmware upgradable Please contact an authorized Barco representative for details

Last updated: 08 Mar 2021

Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.