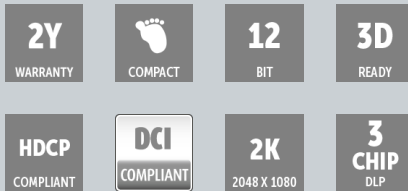


Zeus

Barco Zeus delivers the luxury, craftsmanship, and renowned image quality of Barco's Cinema at Home product range in a compact form factor.



- Cinema at Home Series
- Native 2K Resolution (2,048 x 1,080)
- 2.2 kW Short-arc Xenon
- Up to 8,000 ANSI Lumens

Barco Zeus's hermetically sealed DMDs and optical assembly guarantee outstanding reliability - and, thanks to our acclaimed analog color convergence mechanism, crisp images are maintained over time. Xenon lamps offer vibrant colors, and motorized high-contrast lens options ensure not just a perfect image but accurate ratios as well.

Hand-built

Not every projector can claim to be hand-built, Zeus 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. To guarantee ultimate quality at all stages of manufacture, our projectors do not travel down an automated production line.

Compact Design

Barco Residential Zeus is a compact, fully integrated digital cinema (DCI) projector designed for the most demanding cinemas in a home environment. He is much more than the average home cinema projector, drawing on our pedigree of digital cinema and post production excellence – and refined to deliver less light output and more contrast on screens up to 6m wide. Our designers and engineers have worked tirelessly to retain the potent punch of DCI performance and couple it with new levels of refinement and accuracy.

PRODUCT SPECIFICATIONS**ZEUS**

Projector type	Three chip DLP
Technology	3 x 0.69" DMD™
Resolution	2,048 x 1,080 (2K)
Aspect ratio	1.89:1
Light source	2.2 kW Short-arc Xenon
Light source lifetime	TBC
Light output	Up to 8,000 ANSI lumens
CLO (constant light output)	Yes
Contrast ratio	1,850:1 Sequential 350:1 ANSI
Brightness uniformity	80% at sides 75% at corners
Lens range	DC2K (1.20 - 1.70:1) DC2K (1.34 - 1.90:1) DC2K (1.50 - 2.15:1) DC2K (1.70 - 2.55:1) DC2K (2.00 - 3.90:1) DC2K HC (1.20 - 1.70:1) DC2K HC (1.34 - 1.90:1) DC2K HC (1.50 - 2.15:1) DC2K HC (2.00 - 3.90:1)
Optical lens shift	Up to 25% vertical lens shift & up to 15% horizontal lens shift Motorized zoom, focus, shutter and lens shift Download Lens Data Here
Tilt	20° Forwards 5° Backwards
Optical dowser	Yes
Color correction	P7
Color gamut	P3 (DCI)
Image processing	Alchemy - Integrated Cinema Media Processor (ICMP)
WARP	N/A
Orientation	Pedestal / Table Top
Network connection	10/100 Ethernet via RJ45 connection
Software tools	Barco Communicator
Integrated web server	No
HDR	HDR10
3D	Passive Dolby system, built in (optional)

PRODUCT SPECIFICATIONS

ZEUS

Inputs	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, 8 x 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 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)
Input resolutions	VGA up to 4K (4,096 x 2,160) @ 120Hz
Integrated storage	3.9TB effective storage (RAID-5) via 3 x 2TB Hot-swappable 2.5" hard-drives
Control	RS232, TCP/IP, 8 x GPIO
Power requirements	220V, 16A
Power consumption	2.5 kW
Noise level (typical at 25°C/77°F)	dB(A) @ 1m: 53 dB(A) - Normal
Operating temperature	10 to 35 °C Max. (sea Level)
Operational humidity	20 to 80% (relative humidity)
BTU per hour	11,000 BTU/h
Airflow requirements	Air Inlet (from Rear w/Feet Down): Front Exhaust (from Rear w/Feet Down): Top (Back Through Accessories)
Exhaust airflow	140 -180 CFM (4 -5 m ³ /min)
Dimensions (WxLxH)	658 x 927 x 431 mm (including feet and exhaust exit / excludes lens) 25.9 x 36.5 x 17 in. (including feet and exhaust exit / excludes lens)
Weight	66.5 kg / 147 lbs (excludes lens)
Shipping Dimensions	TBC
Shipping weight	TBC
Storage temperature	TBC
Storage humidity	TBC
Standard accessories	TBC
Certifications	TBC
Warranty	Limited 3 years parts and labor Extendable up to 5 years
*	Firmware upgradable Please contact an authorized Barco representative for details

Last updated: 29 Sep 2020

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