Prometheus II

RESIDENTIAL

Key features

As the opening credits roll, the audience is transported into an unexpected world of superior movie realism, embraced by ultimate image quality and immersive sound. This compelling universe is created by Barco's Prometheus II residential projector.

Barco Residential projectors are designed and manufactured in-house with the greatest of care. Because our fervent desire is to serve you with the best image quality available anywhere, we keep it all in-house, with direct control over all development and manufacturing. With this projector we have went past

So why do we work so hard at this? Because we love movies as much as you do.

High-end simplicity

Prometheus II combines media server functionalities with cinema processing electronics: the Alchemy module combines the functionalities of an Integrated Cinema Processor (ICP) and media server into a single board and forms the core of the Barco Alchemy cinema at home projectors. Reducing the required hardware makes installation simpler and makes the system more reliable and easy to use. The same module also have HDMI, DVI and Display port inputs to support Bluray, DVD's, gaming consoles and other media devices.

Several new components enhance the Prometheus II. A dedicated 4K (4 x 3Gb/s) input board enables playback of native 4K content. Its wide color gamut filter creates a wide gamut of perfect colors. And thanks to the specially made high-contrast lens, the Prometheus II displays images with much greater contrast.

And we believe that, when it comes to light output, contrast and color performance, the Prometheus II performs at the highest level.

This product is a professional product for the residential market, and must be installed by professional integrators certified by Barco.

Technical specifications — Prometheus II

projector		4K cinema at home DLP® projector
display	concept	3 x 1.38" DC4K dark metal devices 4,096 x 2,160 pixels
	Housing	Hermetically sealed DMDs and optical assembly
	compatibility	4K, 2K/1080i/p, 720p, 576i/p, 480ip, PAL SECAM, NTSC digital and analogue RGB
optics and lamp	projection lenses	1.13 - 1.31, 1.31 - 1.86, 1.45 - 2.13, 1.63 - 2.53, 1.95 3.26 : 1
	Brightness	up to 18000 lumens
	lens offset	adjustable: vertical and horizontal, depending on lenses
	contrast	>1,850 : 1 (native optical contrast)
	lamp	6-7kW possibleCompatible with models from all major brands
Integrated Cinema Media Processor and connection	video	JPEG2000 2K & 4K DCI play-out High Frame Rates 3D up to 120fps (60fps per eye) JPEG 2000 bit-rates up to 625Mbps Dual-channel color-correction MPEG-2 (4:2:0 and 4:2:2 up to 60fps) H.264** 2x DisplayPort 1.1a 1x multimedia HDMI 1.4a input (BluRay 3D / 4K) 16x AES/EBU audio channels (2x RJ45) 8x GPI, 8x GPO (4x RJ45) 2x ETH for content connectivity & ingest 2x front-accessible USB 3.0 for fast ingest 2x front-accessible USB 2.0 ** software roadmap
control	control	Ethernet 8x GPIO Serial RS232
general	power requirements	3W+N+PE 230/400V 16A 50-60Hz or 3W+PE 208V 27A 50-60Hz 30,000 BTU/hr (with 6.5kW - 7kW lamp)
	dimensions (d x w x h)	604(H) x 754(W) x 1129(D) mm (excluding lens) 23.78(H) x 29.69(W) x 44.45(D) inch NB: min. 5 cm of air inlet spacing required at the bottom of projector
	weight	141 kg (311 lbs)
	Ambient temperature	35°C / 95°F Max.
	warranties	Barco CineMate App (iOS & Android) - free ACS-2048 3D add-ons Touch screen monitor, inc. Barco Commander & Communicator Pedestal CineCare Web
Integrated storage		1.9TB effective storage (RAID-5) 3x 1TB Hot-swappable 2.5" hard-drives
Standard Features		CLO (Constant Light Output) Powerful SNMP agent Motorized/memorized lens (focus, zoom & shift) Advanced patented DMD cooling

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