

DP2K-6E

Compact DLP Barco Alchemy Cinema projector for screens up to 7.5m (24ft) wide



- **Twice as quiet as the quietest digital cinema projector**
- **Simple UHP lamp swap for easy maintenance**
- **Fully integrated and DCI-compliant projector**

Taking digital cinema where it's never gone before

The DP2K-6E brings compact, fully integrated and DCI compliant digital cinema projection to small and independent cinemas worldwide. And how!

Why you'll love the DP2K-6E

- Cost-effective and fully integrated thanks to its on-board Barco Alchemy Series 3 module
- UHP lamps enable easy maintenance and compact design
- Twice as silent as the quietest projector currently on the market and super compact
- Trademark Barco quality, and modularity, now also for the smallest screens

Series 3 electronics combining media server functionality with cinema processing electronics

Fewer boxes lead to higher reliability and ease-of-use

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PRODUCT SPECIFICATIONS**DP2K-6E**

Native resolution	2,048 x 1,080 pixels
Housing	Hermetically sealed DMDs and optical assembly
Light output	DCI colors: 4,800 lumens / Non-DCI: 7,200 lumens
Lamps	Dual 465W, UHP lamps
Screen size	Up to 7.5m/24.6 ft wide (screen gain 1.2 @ 14ft)
Contrast ratio	1,600:1
Digital MicroMirror Device™	3 x 0.69" DC2K dark metal devices
Prime lenses	Fully motorized 1.2 -1.7 1.34 -1.9 1.5 -2.15 1.7 -2.55 2.0 -3.9
Control I/O	3x Ethernet (RJ 45) 8x GPIO (DB 25) 3D interface USB interface
Integrated Cinema Media Processor	DCI 4K 2D up to 60fps* DCI 4K 3D (24 or 30 fps per eye)* DCI High Frame Rates 2K 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) 2x HDMI2.0a (up to 4K 2D 60fps) 2x 3G-SDI inputs 16x AES/EBU audio channels (2x RJ45) 8x GPI, 8x GPO (4x RJ45) 2x Gbe for content connectivity & ingest 2x front-accessible USB 3.0 for fast ingest 2x front-accessible USB 2.0 Video watermarking: Civolution NexGuard Audio watermarking: Civolution Closed captioning devices: Support for SMPTE 430-10 * 4K 24fps is standard. For 4K 60 fps / 4K 3D on ICMP upgrade modules a license is required. Newly-built 4K BarcoAlchemy projectors have the license standard included.
Integrated storage	1.9TB effective storage (RAID-5) / 3x 1TB Hot-swappable 2.5" hard-drives 3.9TB effective storage (RAID-5) / 3x 2TB Hot-swappable 2.5" hard-drives
Barco Web Commander	Projector Dashboard Projector Control Board Show Player/Editor/Scheduler Automation, 3D, Ingest TMS integration Smart Projector Status Via HTML5 web-browsers including iOS & Android tablets
Barco Communicator	Projector installation & configuration Projector update & maintenance
Power requirements	200-240 VAC
Projector dimensions (HxWxD)	369 x 689 x 664 mm 14.5 x 27.1 x 26.1 inch
Projector weight	53.8 kg / 119 lbs (including recessed handles for easy carrying)
Ambient temperature	35°C / 95°F Max.

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Options	Barco CineMate App (iOS & Android) -free 3D add-ons Touch screen monitor, inc. Barco Commander & Communicator Pedestal CineCare Web Auro 11.1 license Barco Escape license Live 3D*** Ceiling mount kit*** (***) roadmap
Noise Level	48 dB(A)
Airflow requirements	43 CFM

Last updated: 21 Jan 2018

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