DP2K-6E

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

EASY SERVICE	EASY CONTROL	LOW TCO	MODULAR
SEALED	3D CINEMA	COLOR	BRIGHT
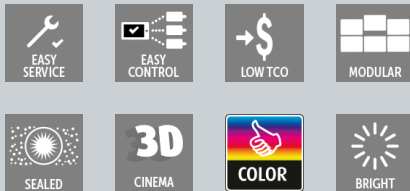
- **Twice as quiet as the quietest digital cinema projector**

- **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
Simple operation thanks to the intuitive 'Barco Web Commander' user interface

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BARCO

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 @ 14ftl)
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
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.
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: 07 May 2020

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

ENABLING BRIGHT OUTCOMES

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