

DP2K-P

The gold standard for digital post-production



Key benefits

- Superior brightness uniformity
- Extra wide color gamut - significantly wider than the DCI recommended color space
- Increased detail thanks to exceptionally high contrast ratio
- Customizable 2D and 3D look-up tables via Communicator software
- Long-term image quality and brightness thanks to proprietary sealed engine and advanced DMD cooling
- Easy to use thanks to the intuitive user interface
- Easy installation and maintenance thanks to proven modular design
- Lowest cost of ownership thanks to lowest lamp operating cost, re-usable filters and modular design
- Next-generation electronics ready for DLP Cinema® Enhanced 4K

With the brand-new DP2K-P, Barco has built the world's only Enhanced 4K-ready cinema projector specifically designed to meet the high performance needs of the post-production industry.

Proven platform

The DP2K-P builds on the proven platform of the Barco DP2K-B projectors, from which it inherits widely acclaimed benefits such as best-in-class light efficiency, lowest cost of ownership, and ultimate ease-of-use.

Enhanced image detail

To respond to the highly specialized needs of post-production houses, the DP2K-P projector delivers improved contrast, superior brightness uniformity, and a greatly expanded color gamut - considerably wider than the current DCI recommended color space.

Increased control

What's more, the DP2K-P post-production projector is bundled with a special version of the Barco Communicator software, enabling you to fully customize your 2D and 3D look-up tables. This dedicated software provides increased control over the color space, which allows you to do your job with an unprecedented level of accuracy.

BARCO

Visibly yours

Communicator software for post-production

Barco Communicator is the most complete and easy to use projector software solution in the cinema industry. Supporting 14 different languages, it is available for Windows, Mac OSX and Linux users. The software can run on your laptop/PC and it interfaces with all projectors on the local network. Furthermore, it provides "tracing" capabilities in case of projector mistreatment (based on user login).

The special post-production version of the Communicator software allows you to fully customize your 2D and 3D look-up tables. Thanks to this increased control over the color space, you can do your post-production work with unmatched precision.



DP2K-P specifications

Digital Micro Mirror device	3 x 1.2" DC2K dark metal devices Advanced DLP Cinema™ signal processing with built-in 3D look-up table	
Native resolution	2,048 x 1,080 pixels	
Housing	Hermetically sealed DMD™ and optical assembly	
Lamp power	1.2kW - 4.0kW (Xenon lamp) - compatible with models from all major brands	
Light output	5,400 lumens* (standard 2kW lamp)	
Screen width @ 16 ftl (unity gain)	up to 7.5 m (24.6 ft)	
Uniformity	Meets the DCI review room specifications*	
Contrast ratio	2,500:1	
Digital video inputs	2 x SMPTE 292M inputs and 2 x DVI input, both selectable as single and dual link	
Control I/O	Ethernet, 8x GPIO, Serial RS232	
Prime lenses	1.25 - 1.45 1.4 - 2.05 1.6 - 2.35	1.8 - 2.8 2.15 - 3.6 2.8 - 5.5
Color gamut	native red: x = 0.7; y = 0.3 native green: x = 0.2; y = 0.76 native blue: x = 0.145; y = 0.04	
Power requirements	220V	
Dimensions	604(H) x 754(W) x 1129(D) mm - 23.78(H) x 29.69(W) x 44.45(D) inch <i>NB: min. 5 cm of air inlet spacing required at the bottom of projector</i>	
Weight	133 kg (293 lbs)	
Max. ambient temperature	35°C / 95°F	
Options	Smart auto lamp alignment ACS-2048 3D add-ons Touch panel Pedestal	

*: 10% deviation possible



M00417-R00-0111-DS January 2011

The information and data given are typical for the equipment described.
However any individual item is subject to change without any notice.
The latest version of this brochure can be found on www.barco.com.

Pres. Kennedypark 35, 8500 Kortrijk, Belgium
T +32 56 36 80 47 - F +32 56 36 83 86
email: sales.digitalcinema@barco.com

11101 Trade Center Drive,
Rancho Cordova, CA 95670, USA
T +1 916 859 2500 - F +1 916 859 2515

P.R. China
No. 16 Changsheng road,
Changping district, Beijing, 102200
T +86 10 8010 1166 - F +86 10 8010 5835

BARCO

Visibly yours