

DP2K-P

2K digital postproduction projector



- Improved contrast
- Expanded color gamut
- Superior brightness uniformity

The Barco DP2K-P is a 2K digital 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.

- 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, reusable filters and modular design
- Next-generation electronics ready for DLP Cinema® Enhanced 4K

Product specifications**DP2K-P**

General specifications	
Digital MicroMirror 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	1.2kW -4.0kW (Xenon lamp) Compatible with models from all major brands
Light output	5,400 lumens (standard 2kW lamp, 10% deviation possible)
Screen size	Up to 7.5 m (24.6 ft) (@ 16 fti (unity gain))
Uniformity	Meets the DCI review room specifications (10% deviation possible)
Contrast ratio	2,500:1
Digital Video Inputs	2 x SMPTE 292M inputs 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 NB: min. 5 cm of air inlet spacing required at the bottom of projector
Weight	133 kg (293 lbs)
Ambient temperature	35°C / 95°F
Options	ACS-2048 3D add-ons Touch panel Pedestal

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