

DP2K-P

The gold standard for digital post-production



The Barco DP2K-P is the world's only 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

Technical 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 ftl (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