DP4K-P

4K digital postproduction projector

- **Playback of native 4K content**

- **Improved contrast thanks to high-contrast lens**

- **Software tuned to the postproduction workflow**

- **Wide color gamut filter for accurate color matching**

The DP4K-P postproduction projector is the world's first 4K DLP projector that meets the high-performance demands for postproduction, archiving, restoration and 4K color grading.

Ultimate image quality
To respond to the highly specialized needs of postproduction houses, the DK4K-P is enhanced with several new components. It is equipped with a dedicated 4K (4 x 3Gb/s) input board which enables playback of native 4K content. Its wide color gamut filter creates a wide gamut for accurate color matching. And thanks to its high-contrast lens, the DP4K-P displays images with improved contrast.

Dedicated software for postproduction
What's more, the DP4K-P projector comes with a redesigned version of the Barco Communicator software. The overall look and feel of the Communicator interface is adapted to the dark environment in which it is used and its intuitive menu structure is quick to navigate. The dedicated software enables color correction per eye for 3D content.

Powerful input analysis
When combined with the quad 3Gb/s input board, the Communicator software is turned into a powerful input analysis tool that enables you to visualize the MSB and LSB via a bit-depth analysis of the different inputs. You can also easily compare inputs through the split-screen analysis (diagonal, vertical, side-by-side and checker board).

- Crisp 4K images with superior uniformity

- Excellent color matching thanks to extra wide color gamut

- Increased detail through exceptionally high contrast ratio

- Software tuned to the postproduction workflow

- Ultimate ease of use thanks to an intuitive user interface

- Easy servicing through modular design

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Product specifications	DP4K-P
General specifications	
Digital MicroMirror Device™	3 x 1.38" DC4K dark metal devices
Native resolution	4,096 x 2,160 pixels
Housing	Hermetically sealed DMD and optical assembly
Lamp	2kW included (Xenon) Up to 4kW possible Compatible with models from all major brands
Light output	2,700 lumens (10% deviation possible)
Screen size	Up to 5.5 m (18 ft)
Brightness uniformity	80% at sides, 75% at corners
Color uniformity	Meets the DCI/SMPTE 431-1 specs
Native contrast ratio	Target: 2,500:1 Min: 2,250:1
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
Digital Video Inputs	4 x 3Gb/s HD-SDI inputs (max. two single-link HD-SDI, one dual-link HD-SDI or one quad link 4K) 2 x DVI input
Control I/O	Ethernet 8x GPIO Serial RS232
Projector diagnostics	Via Communicator postproduction software (included) Via PC touch panel (optional) Via SNMP agent
Power requirements	200-240 V 30 A 50-60 Hz
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	134 kg (295 lbs)
Ambient temperature	35°C / 95°F
Exhaust airflow	350 CFM
Options	ACS-2048 3D add-ons Touch panel Pedestal

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ENABLING BRIGHT OUTCOMES

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