

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 DP4K-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

TECHNISCHE SPECIFICATIES**DP4K-P**

Digital MicroMirror Device™	3 x 1.38" DC4K dark metal devices
Native resolutie	4,096 x 2,160 pixels
Behuizing	Hermetically sealed DMD and optical assembly
Lamp	2kW included (Xenon) Up to 4kW possible Compatible with models from all major brands
Lichtuitvoer	2,700 lumens (10% deviation possible)
Schermafmaat	Up to 5.5 m (18 ft)
Helderheidsuniformiteit	80% at sides, 75% at corners
Kleuruniformiteit	Meets the DCI/SMPTE 431-1 specs
Native contrastverhouding	Target: 2,500:1 Min: 2,250:1
Kleurenspectrum	native red: x = 0.7; y = 0.3 native green: x = 0.2; y = 0.76 native blue: x = 0.145; y = 0.04
Digitale video-ingangen	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
I/O-controle	Ethernet 8x GPIO Serial RS232
Projectordiagnose	Via Communicator postproduction software (included) Via PC touch panel (optional) Via SNMP agent
Voedingsvereisten	200-240 V 30 A 50-60 Hz
Afmetingen	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
Gewicht	134 kg (295 lbs)
Omgevingstemperatuur	35°C / 95°F
Luchtuitstroom	350 CFM
Opties	ACS-2048 3D add-ons Touch panel Pedestal

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