

DP4K-23B

Ultra-bright Enhanced 4K DLP Cinema projector for screens up to 23m (75ft)



The Barco DP4K-23B is an ultra-bright Enhanced 4K cinema projector for screens up to 23m (75ft). Featuring Texas Instruments' **1.38" DLP Cinema® chip**, the DP4K-23B is specifically designed to ensure a razor-sharp movie experience on premium cinema screens. The DP4K-23B combines this ultra-sharp image quality with an easy-to-use **modular** design, exceptional long lifetime and lowest cost of ownership.

Vibrant color accuracy

The top-of-the-line DP4K-23B brings stunning images in **Enhanced 4K resolution (4,096 x 2,160)**, combined with ultimate brightness and vibrant color-accuracy time after time.

Ultimate brightness

Thanks to its highly efficient optical design and patented **DMD cooling system**, the DP4K-23B is the brightest cinema projector in its class - your guarantee for an unequalled, premium cinema experience.

Also available with Barco Alchemy

The DP4K-23B is also available with the Barco Alchemy Integrated Cinema Media Processor.

BARCO

Visibly yours

Product specifications**DP4K-23B**

Digital MicroMirror Device™	3 x 1.38" DC4K dark metal devices
Native resolution	4,096 x 2,160 pixels
Housing	Hermetically sealed DMDs and optical assembly
Lamp	1.2kW - 4kW (Xenon lamp)
Light output	24,500 lumens (4 kW lamp)
Screen size	Up to 23m / 75 ft wide
Contrast ratio	2,000:1
Digital Video Inputs	Slot for 2 x SMPTE 292M inputs or 4K Integrated Media Block 2 x DVI input both selectable as single and dual link
Control I/O	Ethernet, 8x GPIO, Serial RS232
Prime lenses	1.13 - 1.66 1.27 - 1.86 1.45 - 2.13 1.63 - 2.53 1.95 - 3.26 2.53 - 4.98 equivalent throw ratios for 4K 1.38" DMD
Projector diagnostics	via PC touch panel via Communicator control software via SNMP agent
Power requirements	200-240V 30A 50-60Hz 19,000 BTU/hr (with 4kW lamp)
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 Max.
Exhaust airflow	350 CFM
Standard Features	CLO (Constant Light Output) Powerful SNMP agent Motorized/memorized lens (focus, zoom & shift) HDCP support Full 2K triple flash 3D Advanced patented DMD cooling
Options	4K Integrated Media Block ACS-2048 3D add-ons Touch panel Pedestal