

DP2K-32B

Ultra-bright DLP Cinema projector for screens up to 32m (105ft)



The top-of-the-line Barco DP2K-32B is the brightest digital cinema projector on the planet. Thanks to this record light output, the unique DP2K-32B is the ultimate 3D machine.

The ultimate 3D machine

The unique DP2K-32B will light up screens up to 32m (105ft) wide with its unmatched image brightness, vibrant colors and exceptionally rich contrast levels. This amazing image quality will create an unparalleled 3D experience for your audience, as well as more box-office potential for your theater.

Low cost of ownership

Keeping operating cost low was a top priority when developing the DP2K-32B. All core components have therefore been designed for easy serviceability and extended product lifetime.

Easy maintenance

The DP2K-32B projector has an easy-to-use, fully **modular** architecture. This modularity significantly minimizes downtime, allows for a minimum spare parts stock and speeds up technicians' learning curves, which significantly reduces cost of ownership.

Also available as fully integrated DC package

The DP2K-32B projector is also available as fully integrated, ready-to-use projection and media server solution. This **DP2K-32Bx package** combines the Barco DP2K-32B projector with a Doremi ShowVault and IMB media server. The fully DCI-certified package offers a worry-free solution for all theaters that wish to go digital with a minimal hassle and risk. Another major plus is that this integrated system is compatible today with higher frame rates up to 120 fps in 2D and 60 fps in 3D, which makes it a perfect match for playing out Hollywood's upcoming HFR releases.

BARCO

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Technical specifications

Digital MicroMirror Device™	3 x 1.2" DC2K dark metal devices
Native resolution	2,048 x 1,080 pixels
Housing	Hermetically sealed DMDs and optical assembly
Lamp	3kW - 7kW (Xenon lamp)
Light output	33,000 lumens
Screen size	Up to 32m / 105 ft wide
Contrast ratio	2,000:1
Digital Video Inputs	2 x DVI input both selectable as single and dual link
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
Projector diagnostics	via PC touch panel via Communicator control software via SNMP agent
Power requirements	3x 400V + N or 3x 220V 30,000 BTU/hr (with 6.5kW 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	140 kg (309 lbs)
Ambient temperature	35°C / 95°F Max.
Options	ACS-2048 3D add-ons Touch panel Pedestal