

DP2K-12C

Compact DLP Cinema projector for screens up to 12m (39ft)



The Barco DP2K-12C is a compact digital cinema projector for small theaters and post-production environments, based on Texas Instruments' proven **0.98" DLP Cinema® chip**. It ensures a first-class movie experience with consistent picture brightness, rich contrast and vibrant colors. What's more, the DP2K-12C comes in a budget-friendly, compact form factor.

Low cost of ownership

Keeping operating cost low was a top priority when developing the DP2K-12C. All core components have therefore been designed for easy serviceability and extended product lifetime.

Easy maintenance

The DP2K-12C 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-12C projector is also available as fully integrated, ready-to-use projection and media server solution. This **DP2K-12Cx package** combines the Barco DP2K-12C 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 HFR releases.

BARCO

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Technical specifications

DP2K-12C

Digital MicroMirror Device™	3 x 0.98" DC2K dark metal devices
Native resolution	2,048 x 1,080 pixels
Housing	Hermetically sealed DMDs and optical assembly
Lamp	1.2kW - 2kW
Light output	9,500 lumens
Screen size	Up to 12m / 39ft wide (screen gain 1.2 @ 14ftl)
Contrast ratio	2,000:1
Digital Video Inputs	2 x DVI input both selectable as single and dual link
Prime lenses	1.2 - 1.8 1.4 - 2.05 1.6 - 2.5 1.95 - 3.2 2.4 - 3.9
Projector diagnostics	via PC touch panel via Communicator control software via SNMP agent
Power requirements	220V
Dimensions	558(H) x 694(W) x 1034(D) mm 22.0(H) x 27.3(W) x 40.7(D) inch NB.: min. 5 cm of air inlet spacing required at the bottom of projector
Weight	100kg (220lbs)
Ambient temperature	35°C / 95°F Max.
Options	ACS-2048 3D add-ons Touch panel Pedestal