

DP2K C-series

Compact DLP Cinema® projectors

Preliminary



Key benefits

- Based on Barco's proven compact platform featuring the 0.98" DLP Cinema® chip
- Budget-friendly solution with minimal cost of ownership thanks to low lamp operating cost, re-usable filters, low maintenance, etc.
- Maximum ease-of-use through intuitive user interface
- Long-term image quality and brightness thanks to Barco proprietary sealed engine and advanced DMD cooling
- Easy installation and maintenance thanks to proven modular design and common platform with DP2K B-series
- Next-generation electronics ready for DLP Cinema® Enhanced 4K*

Building on many years' experience in digital cinema, Barco has developed a new generation of modular cinema projectors: the DP2K series.

For small and mid-size movie theaters, Barco created a dedicated family of compact DP2K C-series projectors, based on Texas Instrument's proven 0.98" DLP Cinema® chip. The C-series combine the renowned image quality and maintenance-friendly architecture of a Barco projector in a budget-friendly, compact form factor.

Compact footprint, budget-friendly performance

The Barco DP2K-12C is ideal for screens up to 12m, whereas the DP2K-15C is the perfect companion for screens up to 15m. Flagship of the 'C' series is the DP2K-20C, which creates an intense movie experience on screens up to 20m wide. All three projectors are perfectly suited for high-quality 3D cinema.

*dependent on availability of DLP Cinema® enhanced 4K 0.98" DMD from Texas Instruments

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DP2K C-series specifications

	DP2K-12C	DP2K-15C	DP2K-20C
Digital Micro Mirror devices	3 x 0.98" DC2K dark metal devices		
Native resolution	2,048 x 1,080 pixels		
Housing	hermetically sealed DMD's and optical assembly		
Lamp power	1.5kW - 2kW	1.5kW - 3kW	1.5kW - 4kW
Screen width (screen gain 1:8) @ 14ft* Screen width (screen gain 1:4) @ 14ft* Screen width (screen gain 1:2) @ 14ft* <i>(*) = + 10% variation possible between units</i>	up to 12m - 40ft	up to 15m - 50ft	up to 20m - 65ft
Contrast ratio	2,000:1		
Digital video inputs	2 x SMPTE 292M 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 (projector head)	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	100 kg (220lbs)	102 kg (225lbs)	102 kg (225 lbs)
Max. ambient temperature	35°C / 95°F		
Standard features	CLO (Constant Light Output) Powerful SNMP agent Motorized/memorized lenses (focus, zoom & shift) HDCP support Full 2K triple flash 3D		
Options	ACS-2048 Auto lamp alignment 3D add-ons Touch panel Pedestal		
Order information	R9005707	R9004448	R9004447



M00274-R00-0210-DS

The information and data given are typical for the equipment described.
However any individual item is subject to change without any notice.
The latest version of this brochure can be found on www.barco.com.

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