

DP-2000

2K Digital Cinema projector for screens up to 20m (65ft)



Using the same 0.98 inch DLP Cinema Chip as the DP-1500, Barco presents the DP-2000 – a new Barco digital cinema platform for large and mid-market venues. The DP-2000 delivers remarkable brightness without sacrificing resolution, modularity, serviceability or overall system flexibility. The DP-2000 is suitable for a wide range of screens up to 20m and also is the most cost-effective 3D projector on the market today.

Key benefits

- Suitable for screens up to 20m wide (screen gain 1.8; 14ft L)
- Compatible with all existing 3D technologies
- Sealed engines protect optical path from dirt & dust
- Advanced DMD cooling extends engine lifetime
- Similar lamp running costs as a 35mm projector

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Product specifications**DP-2000**

Digital MicroMirror Device™	3 x 0.98" DC2K dark metal devices
Native resolution	2048 x 1080
Housing	Hermetically sealed DMD™ and optical assembly
Screen Width	Screen width (screen gain 1:8) @14ftL*: 20m - 65ft Screen width (screen gain 1:3) @14ftL*: 17m - 56ft (*) = +/- 10 variation possible between units
Mounting	universal pedestal (optional)
Ambient temperature	max. 35°C / 95°F
Lamp	1.5kW - 4kW Xenon lamp size Lamp power: 1.5kW - 4kW
Contrast ratio	2000:1
Digital Video Inputs	2 x SMPTE 292M inputs 2 x DVI input both selectable as single or as dual link
Prime lenses	Prime lens (1.2 - 1.8) 0.98" DC2K Prime lens (1.4 - 2.05) 0.98" DC2K Prime lens (1.6 - 2.5) 0.98" DC2K Prime lens (1.95 - 3.2) 0.98" DC2K Prime lens (2.4 - 3.9) 0.98" DC2K
Projector diagnostics	via PC touch panel via Communicator control software via SNMP agent
Power requirements	220V 18.000 BTU / hr (with 4kW lamp)
Dimensions	Projector: 505(H) x 689(W) x 1018(D) mm 19.9(H) x 27.1(W) x 40.0(D) inch NB.: min. 5 cm of air inlet spacing required at the bottom of projector
Weight	projector: 90kg (199lbs)
Options	CLO-constant light output ACS-2048 SNMP agent motorized/memorized lens focus, zoom & shift automatic XYZ lamp alignment
Order Information	R9004442