

DP2K-10Sx

Small integrated DLP Cinema® projector for screens up to 10m (33ft) wide



The Barco DP2K-10Sx projector is a compact and fully integrated digital cinema projector designed for the special needs of smaller theaters, independent cinemas and art houses. The DP2K-10Sx projector comes as an integrated, DCI-compliant projector package – including a 0.69" DLP Cinema® projector, a high-grade cinema lens and an Integrated Media Server with redundant storage capacity – ensuring easy installation and ultimate performance at all times. As such, it is the perfect choice for exhibitors who wish to lower their operational expenses and achieve worry-free DCI compliance when going digital.

- **Exceptional brightness** thanks to its superior optical efficiency, patented sealed engine and DMD cooling system
- **Vibrant and stable colors** due to standard Xenon lamps
- **Crisp images over time** thanks to the acclaimed manual color convergence mechanism of the larger Barco projectors
- **Ultimate peace of mind** and easy regulatory compliance thanks to the 'out-of-the-box' DCI-compliance of the included lamp, lens and storage technology
- **No need for additional hardware** investment and zero worries thanks to the Integrated Media Server with redundant storage capacity
- **Full compatibility** with all internal and external 3D systems, including a multitude of alternative content input capabilities
- **Perfect image ratio in every setup** thanks to full range of motorized lenses
- **Easy transport, installation and service** thanks to its integrated handles, user-friendly software tools and smart modular architecture
- **Lowest operating cost** through energy-efficient Xenon lamps, a standby eco-mode, reusable air filters and commonality of components with other Barco projectors

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Technical specifications

Preliminary technical specifications. Subject to change without prior notice.	
Digital MicroMirror Device™	3 x 0.69" DC2K dark metal devices
Native resolution	2,048 x 1,080 pixels
Housing	Hermetically sealed DMDs and optical assembly
Lamp	2.2kW, short-arc Xenon
Screen size	Up to 10m/33 ft wide (screen gain 1.2 @ 14ftl)
Contrast ratio	>1,850:1
Prime Lenses	Fully motorized 1.2 - 1.7 1.34 - 1.9 1.5 - 2.15 1.7 - 2.55 2.0 - 3.9
Integrated Media Server (IMS)	JPEG2000 2K & 4K DCI play-out High Frame Rates 3D up to 120fps (60fps per eye) JPEG 2000 bit-rates up to 500Mbps Dolby3D color-correction MPEG-2 H.264 2 x 3G-SDI inputs 1x HDMI 1.4a input (BluRay 3D / 4K) 16x AES/EBU audio channels (2x RJ45) 4x GPI, 6x GPO (2x RJ45) 2x ETH for management & ingest 3x front-accessible USB for ingest 1x eSATA port for fast ingest
Integrated storage (IMS)	2 TB effective storage (RAID-5) 3 x hot-swappable 2.5" hard-drives
SMS Software	Show Player/editor/scheduler Automation, 3D, ingest TMS integration
Projector Diagnostics	Via Communicator control software Via Communicator LITE control software (web-based) Via SNMP agent
Power Requirements	220 V
Projector dimensions (HxWxD)	325 x 625 x 910 mm 12.8 x 24.6 x 35.8 inch
Projector weight	Recessed handles for easy carrying 56.5 kg / 125 lbs for carrying (lamp-house removed) (66.5 kg / 147 lbs total weight)
Ambient temperature	35°C / 95°F Max.
Options	ACS-2048 3D add-ons Touch screen monitor Pedestal Auro 11.1 audio decoder license Live 3D: RealD LIVE or Sensio® Hi-Fi 3D licenses RealD Ghostbusting license