

DP-3000

2K Digital cinema projector for screens up to 30m (98ft)



Key Benefits

- Sealed engine protects the optical path from dirt and dust
- Advanced DLP Cinema chip cooling technology extends the lifetime of the engine
- Direct after sales channel for qualified DHP lamps (including lamp and reflector warranty)
- Compatible with 35mm lamps (but without reflector warranty)
- 3D capabilities are standard, providing new revenue stream opportunities
- New “Communicator” software standard on the new PC touch panel
- Modular design facilitates all aspects of maintenance and serviceability

Built on the renowned DP100 chassis, and using the Texas Instrument’s 1.2 inch DLP Cinema® chip, the DP-3000 is Barco’s new flagship — the brightest digital cinema projector in the industry. With new lenses, a new optical design, the industry’s most efficient 6.5kW lamps and a remarkable maximum screen width, the DP-3000 truly exemplifies our leadership in image quality and engineering.

BARCO

Visibly yours

DP-3000 Technical specifications

Digital Micro Mirror devices	3 x 1.2" DC2K dark metal devices
Native resolution	2,048 x 1,080 pixels
Housing	hermetically sealed DMD's and optical assembly
Pedestal	universal pedestal (optional)
Lamps	1.5kW - 7kW Xenon lamp size
Lamp power	1.5kW - 7kW
Screen width (screen gain 1:5) @ 14ftl*	up to 30m - 100ft
Screen width (screen gain 1:3) @ 14ftl*	up to 25m - 83ft
<i>(*) = + 10% variation possible between units</i>	
Contrast ratio	2000:1
Digital video inputs	2 x SMPTE 292M inputs 2 x DVI input both selectable as single and dual link
Prime lenses	1.25 - 1.45 1.45 - 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	3 x 400V + N or 3 x 220V
Dimensions	projector head: 640(H) x 730 (W) x 1170(D) mm 24.2(H) x 28.7(W) x 46.1(D) inch powerbox: 450(H) x 329.5 (W) x 473.7(D) mm 17.7(H) x 13.0(W) x 18.6(D) inch
Weight	projector: 125kg (275lbs) powerbox: 30kg (66lbs)
Max. ambient temperature	35°C / 95°F
Options	CLO-constant light output anamorphic lens fitting (1.25 x) ACS-2048 SNMP agent motorized/memorized lens focus, zoom & shift
Order information	R9004480

Barco nv



Noordlaan 5, 8520 Kurne, Belgium
T +32 56 36 80 47 - F +32 56 36 83 86
email: sales.digitalcinema@barco.com

11101 Trade Center Drive,
Rancho Cordova, CA 95670, USA
T +1 916 859 2500 - F +1 916 859 2515

April 2009

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.

P.R. China
No. 16 Changsheng road,
Changping district, Beijing, 102200
T +86 10 8010 1166 - F +86 10 8010 5835

BARCO

Visibly yours