

D-Cine DP70

... The Digital Cinema Experience

Incorporating the state-of-the-art Texas Instruments' DLP Cinema™ technology exclusively approved by Hollywood for feature film display the D-Cine Cinema projectors range combines a choice of 35mm lamp consoles with Barco's world leading optical expertise for true Digital Cinema displays of exceptional performance.

Stunning 'Premier' quality film-like images delivered to your cinema without jitter, weave, scratches, flicker or ghosting. Bright, clear and even. First time, every time.

Benefits of the D-Cine DP70 DLP Cinema™ projector

- Based on the Strong DPC 7000 lamp console; no need for modification to the booth or projection ports
- 24P frame per second display for a natural film look
- Meets or exceeds SMPTE screen display standards up to 15 m / 50 ft wide
- Integrated design for simple installation and the most reliable operation
- Dust proof construction to guarantee consistently clean display quality
- Twin anamorphic lens attachment with independent lens alignment
- Liquid cooled Digital Micromirror Devices™
- Provided with local control and LED Status Indication
- Alarm and auto shutdown protection

The first highly integrated range of digital projection and remote control possibilities:

- Optional RC 567 touch screen D-Cine operation and automation control interface for remote control
- Optional Alternative Content Switcher and Router (Acsar) to screen digital movies, any standard of digital advertising plus the wide range of 'alternative content' applications

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Technische Daten

Lokale Bedienung	<ul style="list-style-type: none"> • 4 x LED status indication: OK/ Touch Panel ready/Projector Head ready and Projector Error • 4 x push button control of digital head modes • 4 x user definable lamp house or automation controls • 4 x general purpose relays
Optionen	<ul style="list-style-type: none"> • Alternative Content Switcher And Router (ACSAR)□ Displays any incoming digital or analog signal, for HDTV movie and alternative digital cinema applications. • Automation Interface□ Compatible with industry standard automation systems • Touch Screen Remote Control□ For full control and diagnostics of the projector, the ACSAR and the automation functions. 19" rack and freestanding / wall mount options.
Kontrast	1000:1 (full white/full black)
Auflösung	1280x1024 per Red, Green and Blue channels; equivalent to 3.9 million pixels
Lichtstrom	12fL up to 15 m (50ft.) wide (equivalent to 16fL open gate in a film projector). Brightness uniformity: within 90% over the entire screen area.
DMDTM-Chip	3x high resolution S-XGA DLP Cinema™ DMD™
Festbrennweitenobjektive	All focal lengths covered by a complete range of Isco Optic and Schneider zoom lenses
Color-Processing	<ul style="list-style-type: none"> Bit depth: 42 bit • Color Shades: 4.4 trillion • Color Gamut: 40% better than HDTV (similar to film)
Gewicht	Digital head and anamorphic lens holder (without lenses): 33 kg/72.7 lb.
Kühlung	Integrated 3 chip liquid cooling system and heat exchanger
Beleuchtung	Optional 2kW, 3kW, 5kW and 7kW Xenon Arc lamp depending on screen size.
Anamorphotische Optik	Optional Flat and Scope types attached via a twin lens adapter
Digitaler Video-Eingang	<p>SMPTE 292M: Serial Digital Interface supporting formats: SMPTE 274M: 1920x1080 in 60 Hz interlaced, 24P or 24 SF SMPTE 260M: 1920x1035 in 60 Hz interlaced SMPTE 296M: 1280x720 in 60 Hz progressive Note: interlaced sources to be encoded with 3:2 Pull-Down DFP Graphics port. Compatible with DVI standard</p>
Reflektor	Standard f1.5 dichroic metal type
Gehäuse	Strong PDC 7000 console
Stromversorgung	<p>US version Lamp power supply: 3-phase 208 V + N/60 Hz Digital head, cooling pump and touch screen: auto-ranging 80-240 V Lamp console: 110 V</p> <p>EUR Version Lamp power supply: 3-phase 400 V + N/50 Hz Digital head, cooling pump and touch screen: auto-ranging 80-240 V Lamp console: 220 V</p>

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 Die angegebenen Informationen und Daten sind typisch für das beschriebene Gerät.
 Jede Spezifikation kann sich aber ohne vorherige Ankündigung ändern.
 Die aktuelle Version dieser Broschüre finden Sie unter www.barco.com.

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