

D-Cine Premiere DP30

Compact Digital Cinema Projector



A mid-range DLP Cinema™ projector designed to meet the need for the highest quality movie displays of up to 10m (33 ft) wide. Ideal for feature screenings in smaller cinemas, the compact D-Cine PREMIERE DP30 is also ideal for the grading of DLP Cinema™ Digital Masters and Film Intermediates in Post House facilities where space is at a premium. Based on the Texas Instruments 0.9 DLP 'dark chip' - and providing all the performance, security, color, image and contrast management benefits of the DLP Cinema™ technology, the DP30 is compatible with all its Touch Screen, ACSAR switcher and D-Cine COMMUNICATOR control accessories.

- Compact, table or ceiling mount construction
- Single or twin anamorphic lens attachments for quick display format change
- Side panels removable for easy service
- Quick Change Power Supply and Lamp modules
- Meets or exceeds SMPTE screen brightness standards for screens up to 10m (33 ft) wide.
- Local and remote (Ethernet) diagnostics
- Optional CLO (Constant Light Output) control
- Optional Touch Screen projector control
- Optional trolley with 19" rack mount
- Compatible with the ACSAR Alternative Content Switcher
- Compatible with D-Cine COMMUNICATOR control software

BARCO

Visibly yours

Spécifications techniques

Uniformité de la luminosité	> 90% for the total screen area
Entrées vidéo numériques	<ul style="list-style-type: none"> • 2 x SMPTE 292M inputs, selectable individually or as a linked pair • Dual port to support future digital cinema formats • Single port compatible with the formats listed as follows
Traitement des couleurs	<ul style="list-style-type: none"> • Bit depth: 45 bit (15 bit per color) • Color Shades: 35 trillion • Color Gamut: 40% better than HDTV (equivalent to film)
Entrée graphique	<ul style="list-style-type: none"> • DVI interface, 24 bit RGB, 1280 x 1024, with frequency range 23 - 96 Hz • DVI standard resolutions (640x480, 800x600, 1024x768 and 1280x1024). • Also supports non-standard packaging at 10 or 12 bit per color
Lentilles anamorphiques	1.5x (flat) and 1.9x (scope) options
Résolution	1280 x 1024 per Red, Green and Blue channels. Equivalent to 3.9 million pixels.
Consommation	2550 Watt, 230V (tolerance 190V-253V)
Poids	85kg / 188lbs excluding anamorphic lenses
Luminosité	Meets or exceeds SMPTE screen brightness standards up to 10 m (33 ft) wide on a 1x gain screen. Adjustable light output to conform to SMPTE screen brightness standards on smaller screen sizes via optional CLO software.
Décalage de la lentille	Motorized. Up to 100% vertically, 65% horizontally via D-Cine COMMUNICATOR control software or RC567 local touch screen control.
Interface de commande	PC set up via RS232/RS422 Serial Communications and 10/100 baseT Ethernet connection.
Lentilles primaires	SDC 2.0 - 2.8:1 zoom SDC 2.8 - 5.0:1 zoom SDC 5.0 - 8.0:1 zoom
Alimentation	Slide in modular projector power supply unit
Contrôle de l'image	Via D-Cine COMMUNICATOR software for projector, lens and source set-up plus display, geometry (resizing), masking (cropping) and color calibration.
Diagnostics	Via optional RC567 touch screen control: -Temperatures of DMD, power supply, lamp house and ambient - Status of power supply voltages, lamp run time, lamp strikes - alarm messages Via D-Cine COMMUNICATOR control software: All of the above plus: -Status of switch mode and lamp power supplies, TI video process cards, CLO and card cage security -Projector log file
Taux de contraste	1350:1 (full white / full black)
Lampe	<ul style="list-style-type: none"> • 2.0 kW Xenon arc • Typical lifetime: 800 hours • Maximum lifetime: 1000 hours • Slide-in quick change lamp module

Digital MicroMirror Device™ (matrice de micro-miroirs numériques)	3 x 0.9" Dark Metal 3 type Equipped with advanced TI DLPCinema™ technology: <ul style="list-style-type: none"> • CineBlack™ Contrast Management • CineCanvas™ Image Management • CineLink™ Security Management • CinePalette™ Color Management
Tête numérique	OPTIONAL: <ul style="list-style-type: none"> • CLO - Constant Light Output processing • Dual Anamorphic Lens fitting for 1.5x and 1.9x lenses • Trolley incorporating 12u x 19" rack for ACSAR and server mounting. Fitted with lockable wheels and adjustable up to a 15 degree tilt angle