

EP10



Alternative content and HD screening room display

Combining superb performance with a compact and elegant appearance, the Barco EP10 digital projector is equally suitable for Alternative Content and Digital Advertising presentations in the theater and highest quality display in any HD screening room or audio dubbing studio.

Incorporating the latest generation of HDTV (16:9 format) 3 chip DLP™ technology the advanced EP10 provides images of exceptional brightness, resolution, color depth and contrast. Powerful enough to meet the requirements of Digital Advertising on up to 10m (32ft) wide Cinema screens in half-light, yet quiet and stylish enough to meet the demanding installation needs of the most prestige viewing room, the Barco EP10 also offers a unique degree of flexibility both in installation and control.

The Barco EP10 – superb quality, outstanding performance, installation flexibility and ease of operation combined in one cost efficient solution for almost any application in Exhibition or Post Production.

EP10

- Incorporating 3 chip DLP™ technology
- Native HDTV resolution (1280 x 720)
- 16:9 display aspect ratio
- Superb image quality and color accuracy
- Compatible with most analogue and video inputs
- Dual lamp design
- Low noise
- Extreme lens shift for maximum installation flexibility
- Easy to set up and operate
- Easy to move from theater to theater

Specifications EP10

General

Digital Micromirror device™
• 3 x .8" chip DLP™

Native resolution
• 1280 x 720; Aspect ratio 16:9

Features
• Intelligent dual lamp system
• Aspect ratio presets: 1.78, 1.88, 2.35; 1.33 to 'fit'

Recommended screen width
• Up to 10m (32ft)

Optical

Lamp
• 2 x 250W UHP lamp, in lamp housing, pre-aligned
• Lamp lifetime: more than 1500 hrs

Brightness
• 3500 ANSI Lumen in dual lamp mode

Brightness uniformity
up to 90% for the total screen

Contrast
1200:1

Lenses

Zoom
• RLD 1.5 - 1.8:1
• RLD 1.8 - 2.25:1
• RLD 2.25 - 3.1:1
• RLD 3.0 - 4.5:1
• RLD 4.5 - 7.1:1

Fixed

RLD 0.8:1 for very short throw ratio on-axis rear screen projection.

Note: that to calculate Projection Distance the above focal lengths should be divided by 1.25.

Control

Communication
1 x D connector for RS232 in / out

Electronics

Scan frequencies
• Horizontal: 15 - 90kHz
• Vertical: 50Hz - Synchronous 60Hz no limit

Compatibility
• Compatible with all current video sources (PAL, Secam, NTSC) in Composite, S-VHS, Component or RGB formats
• All 18 ATSC formats
• All computer graphics formats from VGA to UXGA (75Hz)
• Most Macintosh computers
• Electronic workstations with a resolution of up to 1600 x 1200 pixels at 75Hz
• Most sources with a pixel clock to 160MHz
• DVI sources up to SXGA

Inputs

• Configurable 5 BNC Input (5 x Video or 2 x Svideo or component + 2 Video or 1 Svideo, or RGB)
• Composite Video (BNC)
• Svideo (4 pin minim DIN)
• DVI (Digital Visual Interface)

Mechanical

AC power
90-240 Auto range

Power consumption
Single lamp mode: 355 W
Dual lamp mode: 650 W

Dimensions (H x W x L)

282 x 605 x 694 mm
11.2 x 23.9 x 27.3 inch

Weight

Net weight: 25kg / 55lbs.

Noise

Single lamp mode: 39dB
Dual lamp mode: 43dB

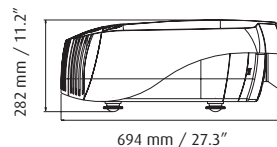
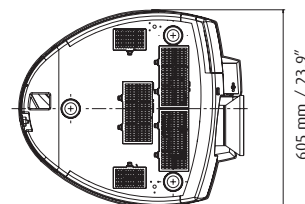
Options

SDI (Serial Digital Input)
Ceiling mount
Spare lamp

Order information

Projector	
Barco EP10	R9010120
Lamp 250W	R9841880
Ceiling Mount	R9842330
Ceiling Mount extension support	R9841260

Lenses	
RLD 0.8:1	R9832640
RLD 1.5 - 1.8:	R9832642
RLD 1.8 - 2.25:1	R9832643
RLD 2.25 - 3.1:1	R9832644
RLD 3.0 - 4.5:1	R9832645
RLD 4.5 - 7.1:1	R9832646



Barco Projection Systems is an ISO 9001 registered company



Barco Digital Cinema is a member of the International Theater Equipment Association

The information and data given are typical for the equipment described. However any individual item is subject to change without prior notice.

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