

# D-Cine Premiere DP90P

Dedicated Post Production projector



The Barco DP90P is the only digital cinema projector on the market today, specifically designed and built to meet the enhanced performance needs of the post production market.

Based on 2k DLP Cinema™ technology from Texas Instruments, the DP90P projector is the first dedicated post production projector to enable an enhanced color gamut, significantly exceeding the current DCI and SMPTE recommended color space. When combined with a Post Production edition of the D-Cine Communicator software, this increased color space provides the production professional with the tools to perform at the highest level.

The DP90P comes fitted with a motorized lens holder and CLO software which ensures constant light output of the projector over time.

**BARCO**

Visibly yours

## Product specifications

## D-Cine Premiere DP90P

<b>Digital MicroMirror Device™</b>	3 x 1.2" dark metal type Advanced DLP Cinema™ signal processing with built-in 3D look-up table
<b>Native resolution</b>	2048 x 1080
<b>Housing</b>	Hermetically sealed optical engine (DMD™ + prism)
<b>Light output</b>	4500 centerlumen
<b>Mounting</b>	Standing or ceiling mounted Up to 7 degrees tilt via projection head
<b>Lamp</b>	1.5k to 4.0k Xenon arc lamp sizes Compatible with standard and high performance lamp types
<b>Brightness uniformity</b>	Exceeds the DCI and SMPTE draft recommendations (> 75%)
<b>Contrast ratio</b>	2500:1
<b>Digital Video Inputs</b>	2 x SMPTE 292M inputs 2 x DVI input both selectable as single or as dual link
<b>Standards</b>	Motorized lensholder CLO software
<b>Prime lenses</b>	M25 1.25 - 1.45:1 / M25 1.45 - 1.8:1 / M25 1.8 - 2.2:1 / M25 2.2 - 3.0:1 zoom and M25 3.0 - 4.3:1
<b>Color gamut</b>	Exceeds the current DCI and SMPTE recommended color space
<b>Color</b>	Native color points: native red: x = 0.7 y = 0.3 native green: x = 0.2 y = 0.76 native blue: x = 0.145 y = 0.040
<b>Projector diagnostics</b>	Via touch screen Via D-Cine Communicator control software Post production edition standard with every product Via SNMP agent
<b>Power requirements</b>	1 x 220V max. 17,000 BTU/hr (with 4kW lamp)
<b>Dimensions</b>	<i>projector:</i> 640(H) x 730(W) x 1170(D) mm / 24.2(H) x 28.7(W) x 46.1(D) inch <i>powerbox:</i> 295.3(H) x 329.5(W) x 473.7(D) mm / 14.6(H) x 13.0(W) x 18.6(D) inch
<b>Weight</b>	<i>projector:</i> approx. 120kg (265lb) <i>powerbox:</i> approx. 20kg (44lb)
<b>Options</b>	<ul style="list-style-type: none"><li>■ Anamorphic lens fitting for 1.25:1 scope lens</li><li>■ &amp;nbsp;&amp;nbsp;&amp;nbsp;Acsar 2 Alternative Content Input Processor</li><li>■ ImagePRO HD</li><li>■ SNMP agent (v3)</li></ul>
<b>Order Information</b>	R9004441