

# Proxima Pro AV 9400

power, flexibility, and control

## RS-232 CONTROL

for easy integration with AMX/Panja and Crestron control systems

## HIGH PERFORMANCE VIDEO

component (R-Y, B-Y, Y), composite, and S-video

## TRUE SXGA RESOLUTION

for the finest detail and broad computer compatibility

## OPTIONAL LENSES

a selection of zoom and fixed lenses in wide angle and telephoto gives maximum flexibility in projector installation

## UNMATCHED BRIGHTNESS

2300 ANSI lumens make it the brightest in its class

## POWER IMAGE ADJUSTMENT

power lens shift system allows vertical adjustment from +12 to -12 degrees, fully keystone corrected



actual size: 15.4 in. W x 22.9 in. L x 9.2 in. H

## PROXIMA PRO AV 9400

Proxima's Pro AV 9400 is perfect for integration into any boardroom, conference room or training room installation and bright enough for virtually any rental site. The Pro AV 9400 combines true SXGA resolution, 2300 ANSI lumens of brightness, and exceptional video quality without any sacrifices. The versatility and affordability of this LCD projector will make you and your installation a success.

- native SXGA (1280 x 1024) resolution with VGA (640 x 480) through UXGA (1600 x 1289, Fit to View<sup>®</sup>) support provides compatibility with all popular PCs, workstations, and Macs
- integrated digital scaling and line doubling contribute to superb video quality
- RS-232 control makes for easy integration with AMX/Panja and Crestron
- a wide selection of optional lenses offers the utmost flexibility for installation in small and large venues as well as in integrated systems
- 2300 ANSI lumens makes it powerful enough for virtually any environment
- direct DFP (Panel Link<sup>™</sup>) digital connectivity makes the Pro AV 9400 compatible with the latest digital standards

**PROXIMA<sup>®</sup>**  
MULTIMEDIA PROJECTORS



# Pro AV 9400

## WHAT'S INCLUDED

### Model Pro AV 9400 includes:

- Infrared remote controls (2) with batteries: 1 wireless remote with mouse control and laser pointer; 1 with hardwire capability and no mouse control
- Mouse control cables (PS/2, Serial, and Mac)
- Power cords 9.8 ft. (3 m) - US and Euro
- Computer video (VGA) and audio cable, Mac/VGA adapter
- S-video cable, AV cable, RCA-BNC adapters (3)
- PCI bus card for digital interface and DFP cable (3 m)
- Lens cover, dust cover, product documentation (multi-lingual User's Guide)
- USB driver (on 3.5 inch floppy disk)

## ORDERING INFORMATION

### Model Number

**Pro AV 9400** includes standard lens

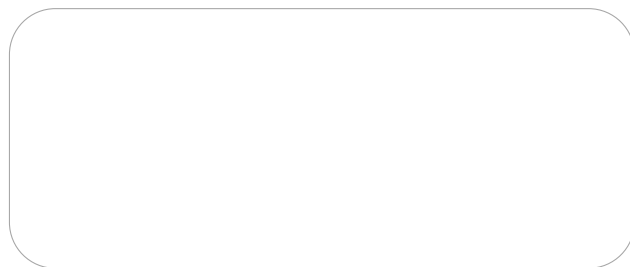
### Optional Accessories

<b>CASE-044</b>	Rolling hard case (checkable/shippable)
<b>LENS-001</b>	Wide angle fixed lens (F2.5 / f4.5 mm) 1.2:1
<b>LENS-002</b>	Long throw fixed lens (F2.0 / f253 mm) 6.9:1
<b>LENS-004</b>	Long zoom lens (F2.0-2.6 / f125-160 mm) 3.4-4.5:1
<b>VDIF-001</b>	PC card digital interface
<b>CBLS-016</b>	DFP cable (10 m)
<b>L93</b>	400-watt metal halide lamp

## IMAGE DIMENSION CALCULATION FACTORS

(Multiply projection distance by calculation factor for image dimension.)

Standard & Optional Lenses	Min Height	Max Height	Min Width	Max Width	Min Diag.	Max Diag.
Standard zoom-2.0-2.6:1	.305	.397	.382	.496	.489	.635
Long zoom-3.5-4.6:1	.174	.227	.218	.283	.279	.363
Wide angle fixed-1.2:1	.662	N/A	.827	N/A	1.059	N/A
Long throw fixed-7.1:1	.113	N/A	.142	N/A	.181	N/A



**PROXIMA**<sup>®</sup>  
MULTIMEDIA PROJECTORS

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10/99 709-00720-3 DP9400 Data Sheet.qxd

## TECHNICAL SPECIFICATIONS

<b>Computer Compatibility</b>	<ul style="list-style-type: none"> <li>▪ Sun, SGI, IBM, HP, DEC, and X-terminal graphics modes up to 200 MHz</li> <li>▪ IBM PC, PS/2, Pentium, and compatibles</li> <li>▪ Apple Macintosh, Power Macintosh and PowerBook, G3</li> </ul>
<b>Video Compatibility</b>	<ul style="list-style-type: none"> <li>▪ NTSC, NTSC 4.43, PAL, PAL-M, PAL-N, SECAM</li> </ul>
<b>Input Sources</b>	<ul style="list-style-type: none"> <li>▪ <b>2 computer input channels</b> Channel 1: RGB (HDI5) / DFP (Digital PanelLink Interface) Channel 2: BNC (R, G, B, H, V) <b>Each channel includes:</b> RCA type stereo audio (R, L-mono), mouse control port, USB port</li> <li>▪ <b>2 video input channels</b> Each channel includes: 3 BNC [for component (R-Y, B-Y, Y) and composite] 1 mini DIN 4-pin (for S-Video) 1 RCA type stereo audio (R, L-mono)</li> </ul>
<b>Output Sources</b>	<ul style="list-style-type: none"> <li>▪ <b>1 monitor output</b> HD15 + RCA type stereo audio (R, L-mono)</li> <li>▪ <b>1 video output</b> 3 BNC (for component and composite) 1 mini DIN 4-pin (for S-Video) 1 RCA type stereo audio (R, L-mono)</li> </ul>
<b>Control Input Sources</b>	<ul style="list-style-type: none"> <li>▪ RS-232C (DB9)</li> </ul>
<b>H-Sync Range</b>	<ul style="list-style-type: none"> <li>▪ 15 - 100 kHz</li> </ul>
<b>V-Sync Range</b>	<ul style="list-style-type: none"> <li>▪ 50 - 100 Hz</li> </ul>
<b>Dot Clock</b>	<ul style="list-style-type: none"> <li>▪ Up to 200 MHz</li> </ul>
<b>Horizontal Resolution</b>	<ul style="list-style-type: none"> <li>▪ 1000 video lines</li> </ul>
<b>Brightness</b>	<ul style="list-style-type: none"> <li>▪ 2300 ANSI lumens</li> </ul>
<b>Brightness Uniformity</b>	<ul style="list-style-type: none"> <li>▪ 85% typical</li> </ul>
<b>Contrast Ratio</b>	<ul style="list-style-type: none"> <li>▪ 100:1 ANSI; 350:1 full-on, full-off</li> </ul>
<b>Display Technology/No. of Colors</b>	<ul style="list-style-type: none"> <li>▪ 1.8" polysilicon LCD x 3 with microlens</li> </ul>
<b>Native Resolution</b>	<ul style="list-style-type: none"> <li>▪ SXGA (1280 x 1024)</li> </ul>
<b>Resolutions Supported</b>	<ul style="list-style-type: none"> <li>▪ VGA (640x480), SVGA (800x600, Fit-to-View), XGA (1024x768, Fit to View), SXGA (1280x1024), UXGA (1600 x 1289, Fit to View) wide format (16:9 aspect) capable</li> </ul>
<b>Image Diagonal (Std Lens)</b>	<ul style="list-style-type: none"> <li>▪ 2.5 ft. - 50 ft. (.76 m - 15.2 m)</li> </ul>
<b>Projection Lens (Std lens)</b>	<ul style="list-style-type: none"> <li>▪ Power zoom and focus. F = 2.0-2.3, focal length f = 75.7-97.5 mm (long and wide lens options)</li> </ul>
<b>Projection Distance/Image Width</b>	<ul style="list-style-type: none"> <li>▪ 2.0 - 2.6:1 (standard lens)</li> </ul>
<b>Projection Distance (Std Lens)</b>	<ul style="list-style-type: none"> <li>▪ 5.2 ft. to 78.7 ft. (1.6 m to 24.0 m)</li> </ul>
<b>Lens Shift (Std Lens)</b>	<ul style="list-style-type: none"> <li>▪ Power lens shift +12 to -12° (keystone corrected)</li> </ul>
<b>Lamp (Life)</b>	<ul style="list-style-type: none"> <li>▪ 400 watt metal halide (750 hours)</li> </ul>
<b>Audio</b>	<ul style="list-style-type: none"> <li>▪ Two 3-watt stereo speakers</li> </ul>
<b>Remote Controls</b>	<ul style="list-style-type: none"> <li>▪ 1 wireless remote with mouse control and laser pointer; 1 with hardwire capability and no mouse control</li> </ul>
<b>Approvals</b>	<ul style="list-style-type: none"> <li>▪ FCC Class A, UL, cUL, CE</li> </ul>
<b>Power Consumption</b>	<ul style="list-style-type: none"> <li>▪ 650 watts</li> </ul>
<b>Power Requirements</b>	<ul style="list-style-type: none"> <li>▪ 90-264 volts (110-120/200-240V ± 10%) at 50/60 Hz</li> </ul>
<b>Operating Temperature (Sea Level)</b>	<ul style="list-style-type: none"> <li>▪ 41-95° F (5-35° C)</li> </ul>
<b>Weight</b>	<ul style="list-style-type: none"> <li>▪ 39.2 lbs. (17.8 kg)</li> </ul>
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>▪ 15.4 in. (W) x 22.9 in. (L) x 9.2 in. (H) 39.0 cm (W) x 58.2 cm (L) x 23.3 cm (H)</li> </ul>
<b>Projection Method</b>	<ul style="list-style-type: none"> <li>▪ front/rear, desktop/ceiling</li> </ul>
<b>On-screen Menu Languages</b>	<ul style="list-style-type: none"> <li>▪ English, German, French, Italian, Spanish</li> </ul>
<b>Audible Noise</b>	<ul style="list-style-type: none"> <li>▪ &lt; 42db</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>▪ Two year on parts and labor (excluding lamp)</li> </ul>

