Proxima Pro AV 9400+

the Pro AV flagship

UNPRECEDENTED BRIGHTNESS
at 3000 ANSI lumens, it's the brightest projector in its class

FULL-RANGE VIDEO COMPATIBILITY
accepts component video, S-video, composite video, and HDTV

DFP CONNECTION
true digital-to-digital processing for the most artifact-free images you'll ever see

TRUE SXGA RESOLUTION
displays the finest details with the broadest compatibility

INTERCHANGEABLE LENSES
Proxima's selection of lenses offers maximum flexibility in projector installation

EXCEPTIONAL VIDEO
new V-Scan video processing provides superior video performance with all formats, including HDTV

PROXIMA PRO AV 9400+

Proxima's Pro AV 9400+ is the premier projector for integration into boardrooms, conference rooms, control centers, and more. The 9400+ delivers a perfect combination of brightness, resolution, connectivity, and flexibility. Installation is easy virtually anywhere, in any room, thanks to the power lens shift and variety of optional lenses. On-board HDTV and digital connectivity ensure compatibility with all the latest standards. When you're looking for professional solutions, look to Proxima and the Pro AV 9400+.

- 3000 ANSI lumens makes it ideal for installation in large rooms and facilities
- native SXGA (1280 x 1024) resolution with Fit-to-View® display of VGA (640 x 480) through UXGA (1600 x 1200), for compatibility with all PCs, workstations, and Macs
- integrated digital scaling and line doubling for superb video quality
- RS-232 control for easy integration with AMX/Panja and Crestron control systems, including compatibility with Crestron e-control™
- a wide selection of lenses for installation flexibility in small and large venues alike
- direct DFP (Panel Link™) digital connectivity, for compatibility with the latest digital standards
- Proxima's new V-Scan™ video processing technology provides the cleanest, truest video available from an LCD projector, from composite video through HDTV

PROXIMA®
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 European
- 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
Pro AV 9400+L	lensless—requires an optional lens

Optional Accessories	
CASE-044	Rolling hard case (checkable/shippable)
LENS-001	Wide angle fixed lens (F2.5 / f4.5 mm) 1.2:1
LENS-002	Long throw fixed lens (F2.0 / f253 mm) 7.1:1
LENS-004	Long zoom lens (F2.0-2.6 / f125-160 mm) 3.5-4.6:1
LENS-005	Standard zoom lens (F2.0-2.3 / f75.7-97.5 mm) 2.0-2.6:1
LENS-006	Wide angle zoom lens (F 2.53-2.95 / f52.2-67.9 mm) 1.4-1.8:1
VDIF-001	PC card digital interface
CBLS-016	DFP cable (10 m)
LAMP-015	440-watt DC 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	0.308	0.400	0.385	0.500	0.493	0.640
Long zoom-3.5-4.6:1	0.174	0.229	0.217	0.286	0.278	0.366
Wide angle fixed-1.2:1	0.667	N/A	0.833	N/A	1.067	N/A
Long throw fixed-7.1:1	0.113	N/A	0.141	N/A	0.180	N/A
Wide zoom-1.4-1.8:1	0.444	0.571	0.556	0.714	0.711	0.915

PROXIMA®
MULTIMEDIA PROJECTORS

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01/00 709-00768-2 DP9400+ Data Sheet.qxd

TECHNICAL SPECIFICATIONS

Native Resolution	▪ SXGA (1280 x 1024)
Resolution Supported	▪ SXGA (1280 x 1024, 1152 x 864); Fit-to-View display of XGA (1024 x 768), SVGA (800 x 600), VGA (640 x 480, 720 x 400, 640 x 400), UXGA (1600 x 1200) ▪ Apple Macintosh 21"(1152 x 870), Mac 12"(512 x 384), 13"(640 x 480), 16"(832 x 624), 19"(1024 x 768) ▪ PC98 (1120 x 750, 1280 x 1024), PC98 (1024 x 768, 800 x 600, 640 x 480, 640 x 400), UXGA (1600 x 1200), PC98NX (1600 x 1200), Fit-to-View mode of 16:9 aspect capable
Brightness	▪ 3000 ANSI lumens
Brightness Uniformity	▪ 85% typical
Contrast Ratio	▪ 100:1 ANSI; 350:1 full on, full off
Computer Compatibility	▪ Sun, SGI, IBM, HP, DEC, and X-terminal graphics modes up to 200 MHz IBM PC, PS/2, Pentium, and compatibles ▪ Apple Macintosh, Power Macintosh and PowerBook, G3
Video Compatibility	▪ NTSC, NTSC 4.43, PAL, PAL-M,PAL-N, SECAM, HDTV (1080i, 1035i, 720p)
Display Technology	▪ 1.8" polysilicon LCD x 3 with microlens
Number of Colors	▪ 16.7 million
Input Sources	▪ **2 computer input channels** Channel 1: RGB (HDI5) / DFP (Digital PanelLink Interface) Channel 2: BNC (R, G, B, H, V) ▪ **Each channel includes:** RCA type stereo audio (R, L-mono), mouse control port, USB port ▪ **2 video input channels** Each channel includes:3 BNC [for component (R-Y,B-Y) and composite], 1 mini DIN 4-pin (for S-Video), 1 RCA type stereo audio (R, L-mono)
Output	▪ **1 monitor output** HD15 (RGBHV) + RCA type stereo audio (R, L-mono) ▪ **1 video output** 3 BNC (for component and composite) 1 mini DIN 4-pin (for S-Video) 1 RCA type stereo audio (R, L-mono)
H-Sync Range	▪ 15-100 kHz
V-Sync Range	▪ 50-120 Hz
Pixel Clock	▪ 220 MHz
Horizontal Resolution (TV Lines)	▪ 800 TV lines
Keystone Correction	▪ Power lens shift +12 to -12° (keystone corrected)
Projection Lens	▪ Std lens—power zoom and focus. F=2.0-2.3, focal length f=75.7-97.5 mm
Projection Distance/Image Width	▪ 2.0–2.6:1
Projection Distance	▪ 5.2 ft. to 101.7 ft (1.6 m to 31.0 m)
Zoom	▪ 1.3:1
Aspect Ratio	▪ 5:4, supports 4:3 and 16:9
Image Size	▪ 3.3 ft to 50 ft (1.0 m to 15.2 m)
Projection Method	▪ front/rear, desktop/ceiling
Audio	▪ Two 3-watt speakers
Control Communication	▪ RS-232C
Remote Control	▪ 1 wireless remote with mouse control and laser pointer; 1 remote with hardwire capability and no mouse control
Lamp (Life)	▪ 440 watt DC metal halide (estimated 1,000 hours)
Dimensions	▪ 15.4 in. (W) x 22.9 in. (L) x 9.2 in. (H) 39.0 cm (W) x 58.2 cm (L) x23.3 cm (H)
Weight	▪ 39.2 lb. (17.8 kg)
Power Consumption	▪ 650 watts
Power Requirements	▪ 100–120, 200–240 VDC
Operating Temperature	▪ 41-95° F (5-35° C)
On-Screen Menu Languages	▪ English, German, French,Italian, Spanish, Japanese
Approvals	▪ FCC Class A, UL, cUL, CE
Warranty	▪ Two years on parts and labor (excluding lamp)