Proxima Pro AV 9320

the professional's choice

RS-232 CONTROL
easy integration with AMX/Panja and Crestron control systems, including Crestron e-control™

UNPRECEDENTED BRIGHTNESS
at 2700 ANSI lumens, it's the brightest projector in its class

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

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

TRUE XGA RESOLUTION
displays fine details and offers the broadest compatibility

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

PROXIMA PRO AV 9320

Proxima's Pro AV 9320 is the most flexible projection solution on the market today. Professionals worldwide choose the performance of the 9320 for conference rooms, boardrooms, training centers, rental/staging and more. When your application demands brightness, flexibility, connectivity and reliability, look to Proxima and the Pro AV 9320—the professional's choice.

- 2700 ANSI lumens makes it ideal for installation in large rooms and facilities
- native XGA (1024 x 768) 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 Creston e-control
- a wide selection of optional 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™ technology provides the cleanest, truest video available from an LCD projector, from composite video through HDTV
- true audio follow keeps the projector in sync with the source

PROXIMA®
MULTIMEDIA PROJECTORS

Pro AV 9320

WHAT'S INCLUDED

Model Pro AV 9320 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)
- 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 9320	includes standard lens
Pro AV 9320L	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) 6.9:1
LENS-004	Long zoom lens (F2.0-2.6 / f125-160 mm) 3.4-4.5:1
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) 1.3-1.7:1
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.
Wide Angle (1.2:1)	0.625	n/a	0.833	n/a	1.042	n/a
Wide Zoom (1.3 - 1.7:1)	0.441	0.577	0.588	0.769	0.735	0.962
Standard Zoom (2.0 - 2.6:1)	0.288	0.375	0.385	0.500	0.481	0.625
Long Zoom (3.4 - 4.5:1)	0.167	0.221	0.222	0.294	0.278	0.368
Long Fixed (6.9:1)	0.109	n/a	0.145	n/a	0.181	n/a

PROXIMA®
MULTIMEDIA PROJECTORS

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01/00 709-00770-2 Pro AV 9320 Data Sheet.qxd

TECHNICAL SPECIFICATIONS

Native Resolution	▪ XGA (1024 x 768)
Resolution Supported	▪ XGA (1024 x 768); Fit-to-View display of SXGA (1280 x 1024, 1152 x 900), SVGA (800 x 600), VGA (640 x 480, 720 x 400, 640 x 400) ▪ 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 400) ▪ UXGA (1600 x 1200) ▪ Fit-to-View display of PC98NX (1600 x 1200) 16:9 aspect capable
Brightness	▪ 2700 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 220 MHz ▪ IBM PC Compatibles ▪ Apple Macintosh, Power Macintosh and Powerbook, G3
Video Compatibility	▪ NTSC, NTSC 4.43, PAL, PAL-M, PAN-N, SECAM, HDTV (1080i, 1035i, 720p)
Display Technology	▪ 1.8" polysilicon LCD x 3
Number of Colors	▪ 16.7 million
Input Sources	▪ **2 computer input channels** Channel 1: RGB (HD15)/DFP (Digital PanelLink Interface) Channel 2: BNC (R, G, B, H, V) **Each channel includes:** RCA type stereo audio input (R, L-mono), serial/PS2 mouse control port, USB mouse port ▪ **2 video input channels** Each channel includes: 3 BNC [for component (Y, 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 output (R, L-mono)
H-Sync Range	▪ 15–100 kHz
V-Sync Range	▪ 50–120 Hz
Pixel Clock	▪ 220 MHz
Horizontal Resolution	▪ 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, f=75.7–97.5 mm
Projection Distance/Image Width	▪ 2.0–2.6:1
Projection Distance	▪ 5.4 ft to 104.0 ft (1.6 m to 31.7 m)
Zoom	▪ 1.3:1
Aspect Ratio	▪ 4:3, supports 16:9 and 5:4
Image Size	▪ 3.3 ft to 50 ft (1.0 m to 15.2 m)
Projection Method	▪ front/rear, desktop/ceiling mount
Audio	▪ Two 3-watt speakers
Control Communication	▪ RS-232C
Remote Control	▪ 1 wireless remote with mouse control and laser pointer; 1 wired remote with 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) x 23.3 cm (H)
Weight	▪ 39.2 lbs. (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 year on parts and labor (excluding lamp)