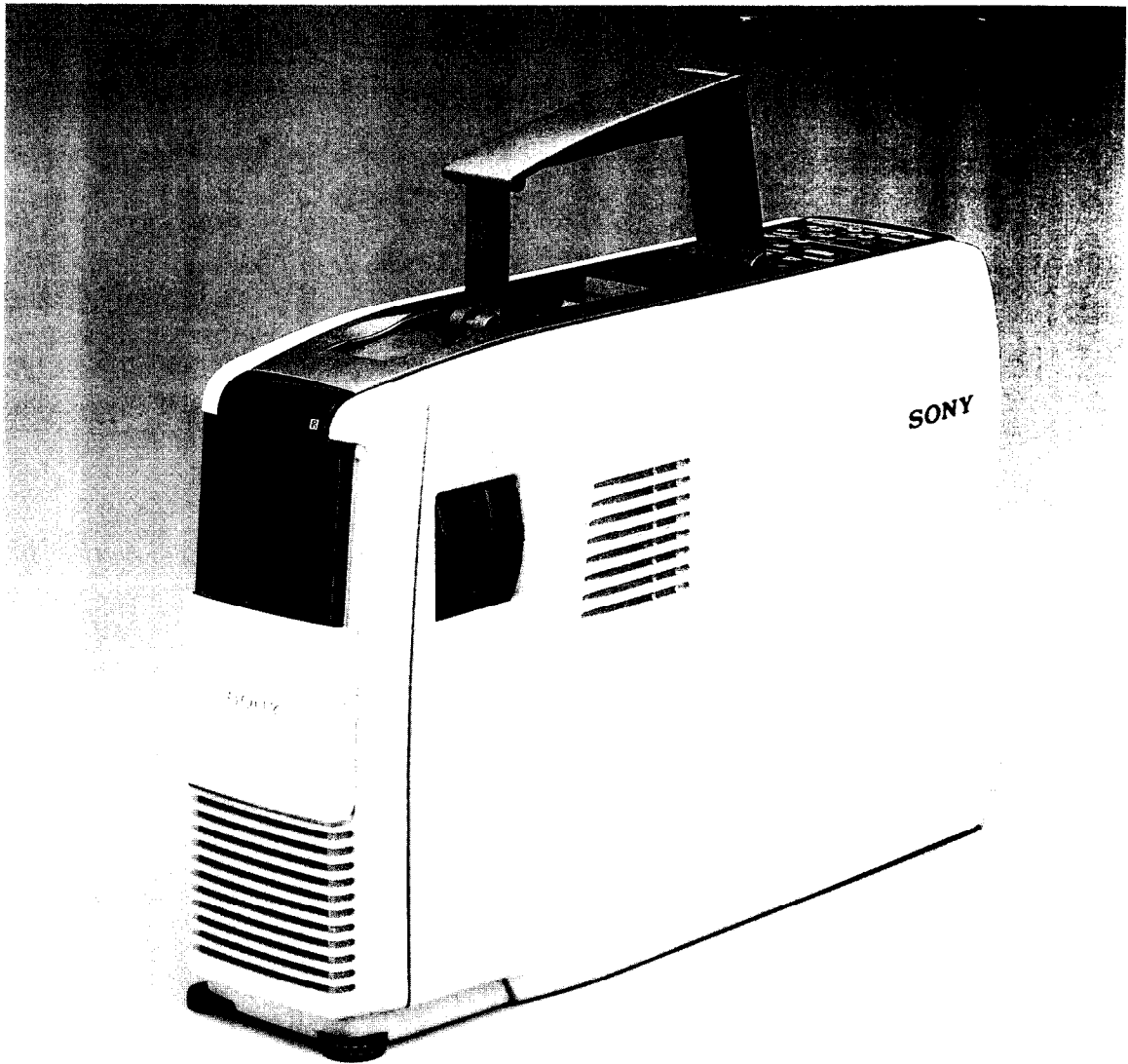


SONY[®]

LCD Data Projector
VPL-PX1



**1000 ANSI lumens, True XGA resolution,
Unique upright form,
APA (Auto Pixel Alignment),
Lightweight 4.0 kg (8.8 lbs)**

Preliminary

Features

- Three LCD panels with Micro Lens Array for a total of 2,359,296 pixels (786,432 pixels x 3 panels)
- Light output of 1000 ANSI lumens
- 120 W plus UHP lamp
- Accepts VGA, SVGA, XGA and SXGA* with a horizontal frequency of 15 to 91 kHz
- Built-in stereo speakers
- Durable magnesium diecast body
- Excellent uniformity and accurate color reproduction with advanced technologies
- Lightweight at 4.0 kg (8.8 lbs)
- Silent fan

- Built-in zoom lens
- Can be used with screens from 40 to 200 inches in size
- Supplied remote control unit RM-PJM600 controls all the projector functions
- Mouse function operation for remote control of the connected computer source
- Unique upright form for the maximum space utility
- Seven language on-screen menus

* Compressed SXGA signal is reproduced while preserving image detail.

Specifications

OPTICAL	
Projection system	3 LCD panels, 1 lens projection system
LCD panel	0.9-inch p-Si TFT LCD panel with Micro Lens Array 2,359,296 pixels (786,432 pixels x 3)
Projection lens	1.3 times zoom lens, F1.7 to 2.0, f36.78 to 47.8 mm
Lamp	120 W plus UHP
Screen coverage	40 to 200 inches (viewable area, measured diagonally)
Light output	1000 ANSI ¹ lumens
Throwing distance	
40-inch	1590 to 2040 mm
60-inch	2440 to 3100 mm
80-inch	3280 to 4160 mm
100-inch	4120 to 5220 mm
120-inch	4970 to 6280 mm
150-inch	6230 to 7870 mm
200-inch	8340 to 10520 mm
SIGNALS	
Color system	NTSC, PAL, SECAM, NTSC4.43, PAL-M (automatically/manually selected)
Resolution	750 TV lines (video); 1024 x 768 pixels (RGB)
Acceptable signal	RGB (fH: 15, 24 to 91 kHz, fV: 50 to 85 Hz), 15 K component 50/60 Hz system, composite video, Y/C video
GENERAL	
Cabinet color	Silky Silver
Speaker	Max. 1.0 W x 2 (stereo)
Power requirements	AC 100 to 240 V, 50/60 Hz
Power consumption	Max. 190 W, stand-by 2 W
Operating temperature	0 to 40 °C (14 to 104 °F)
Operating humidity	35 to 85 %
Dimensions	108 (W) x 223 (H) x 337 (D) mm (4 3/8 x 8 7/8 x 13 3/8 inches)
Mass	Approx. 4 kg (8.8 lbs)
Heat dissipation	648.4 BTU
INPUTS/OUTPUTS	
VIDEO IN	
Composite	Phono type, 1.0 Vp-p ±2 dB, sync negative, 75 Ω
Y/C IN	Mini DIN 4-pin
Y	1.0 Vp-p ±2 dB, sync negative, 75 Ω
C	Burst 0.286 Vp-p ±2 dB (NTSC), 75 Ω or 0.3 Vp-p ±2 dB (PAL), 75 Ω

INPUT A	
Analog RGB/Component	HD D-sub 15-pin (female)
R/R-Y	0.7 Vp-p ±2 dB, positive, 75 Ω
G	0.7 Vp-p ±2 dB, positive, 75 Ω
G with Sync/Y	1.0 Vp-p ±2 dB, sync negative, 75 Ω
B/B-Y	0.7 Vp-p ±2 dB, positive, 75 Ω
SYNC/HD	
Composite sync	1 to 5 Vp-p, high impedance positive/negative
Horizontal sync	1 to 5 Vp-p, high impedance positive/negative
VD	
Vertical sync	1 to 5 Vp-p, high impedance positive/negative
MOUSE IN	Square 13-pin (female)
AUDIO IN	Stereo mini jack, 500 mV rms, impedance more than 47 kΩ
AUDIO OUT (variable out)	Stereo mini jack, max. 1 V rms, when an input signal is 500 mV rms, impedance less than 5 kΩ
LASER BEAM	
Laser type	Class II
Wavelength	645 nm
Output	1 mW

SAFETY REGULATIONS

UL1950 and cUL 950 listed (CSA no. 950), DHHS (Laser), FCC Class A, IC Class A, EN 60 950 (TUV), CE, C-Tick, EN 60 825-1 (Laser)

SUPPLIED ACCESSORIES

Remote control unit RM-PJM600, Monitor cable SMF-401 (2 m): HD D-sub 15-pin to D-sub 15-pin, Mouse cable (2 m): SIC-S22 (for PS/2), Audio visual cable (1.5 m), AA size battery (x 2), Air filter, Operating manual, Quick reference sheet

OPTIONAL ACCESSORIES

Projector lamp (for replacement) LMP-P120
 Carrying case VLC-SC50²
 Interface selector IFU-SC50
 Monitor cables
 SMF-400: HD D-sub 15-pin to 5 BNC cable
 SMF-401: HD D-sub 15-pin to HD D-sub 15-pin cable
 SMF-402: HD D-sub 15-pin to RCA 3-pin cable
 Signal cable
 SIC-S20: for Mac®
 Mouse cables
 SIC-S21: for serial
 SIC-S22: for PS/2
 Macintosh® adaptor
 ADP-20: Macintosh to VGA
 Signal adaptor
 ADP-10: HD D-sub 15-pin to D-sub 9-pin
 Screens
 VPS-80C: 80-inch portable screen^{2 3}
 VPS-50C: 50-inch portable screen^{2 3}

¹ ANSI lumens is a measuring method of the American National Standards Institute IT7.228.

² Not available in some areas. For details, please contact your nearest Sony office.

³ Viewable area, measured diagonally.

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