LCD
3 PANEL

SONY

SONY

SONY

VPL-PX1

SuperLite™ PORTABLE LCD DATA PROJECTOR

Bright, Upright and Compact.
The Sony VPL-PX1 LCD Data Projector.

Now you can stand with confidence in your presentations, knowing that the Sony VPL-PX1 is standing right there with you.

The Sony VPL-PX1 delivers high quality visuals with true XGA resolution and a stunning 1000 ANSI lumens brightness, all in an 8.8lb package. Its magnesium alloy body and unique upright construction are designed for durable and space-efficient operation. Its also easy to set up, without the need for complex adjustments.

The Sony VPL-PX1 equips you with what you need to enhance your visual communications and stand out in a crowd.

Features

1000 ANSI lumens brightness

The combination of a new 120 W UHP lamp of improved efficiency and the micro lens array on the LCD panels results in a picture brightness of 1000 ANSI lumens. You project a high-quality, high-contrast image, even in high ambient light conditions.

Upright design

The VPL-PX1 has a unique upright design that requires a minimum amount of space. Compared to conventional A-4 size projectors, the VPL-PX1 takes up only about half as much space on your desktop.
In addition, the projector's high lens position provides an optimal shooting angle.

True XGA resolution

Thanks to three Sony 0.9-inch, true XGA (1024 x 768) resolution LCD panels, the VPL-PX1 reproduces details with incredible clarity.

Innovative optics

The VPL-PX1 benefits from Sony's innovative optical technologies—like fly-eye light integrators, that focus more light down the optical path to your screen. They smooth out hot spots, eliminate corner shading and minimize color shifting.

Simple setup

The built-in 1.3x zoom lens of the VPL-PX1 provides great set-up flexibility, allowing you to position the projector in the most convenient location. The VPL-PX1 accepts a wide variety of input signals, with 37 preset signal formats covering any video format used world-wide and PC signals up to SXGA. Just plug in your computer with the supplied cable and you get a great picture with no need for complex adjustments.

Connector

Functional construction

The VPL-PX1's lightweight magnesium alloy body was specifically designed to withstand the rigors of road trips. A built-in shutter keeps the zoom lens safe and sound at all times, so there is no lens cap to lose. The shooting angle can be tilted in five steps with the stable height adjuster. The retractable carrying handle provides both elegance and functionality.

Lens shutter

Retractable handle
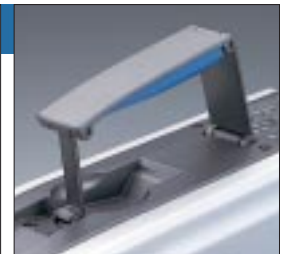
Height adjuster

Full remote control function

With the supplied remote control unit, you can make your presentations flow smoothly. The built-in laser pointer function allows you to direct the audience's attention, and there's even an integrated mouse receiver for point-and-click control of your connected computer.

RM-PJM600

On-screen menus guide you every step of the way in controlling your projector-- and in your choice of seven languages:
English, French, Spanish, German, Italian, Japanese and Chinese.

Control panel

Despite its compact design, the personal projector comes with built-in stereo speakers—so you have great sound as well as brilliant images.

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 x3)
Projection lens	1.3 times zoom lens. F 1.7 to 2.0 f 37.3 to 48.5mm
Lamp	120 W plus UHP
Screen coverage	40 to 200 inches (viewable area, measured diagonally)
Light output	1000 ANSI* lumens
Throwing distance	
40-inch	1590 to 2040 mm (63 to 80 inches)
60-inch	2440 to 3100 mm (96 to 122 inches)
80-inch	3280 to 4160 mm (129 to 164 inches)
100-inch	4120 to 5220 mm (162 to 206 inches)
120-inch	4970 to 6280 mm (196 to 247 inches)
150-inch	6230 to 7870 mm (245 to 310 inches)
200-inch	8340 to 10520 mm (328 to 414 inches)

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 kHz component 50/60 Hz system, composite video, Y/C video

General

Speaker	Max. 1 W x 2 (stereo)
Power requirements	AC 100 to 240 V, 50/60 Hz
Power consumption	Max.190 W, standby 2 W
Operating temperature	0 to 40°C (32 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)
Weight	Approx. 4 kg (8 lb 13 oz)
Heat dissipation	648.4 BTU

Inputs/Outputs

VIDEO IN	
Composite	Phono type, 1 Vp-p ±2 dB, sync negative, 75 Ω
Y/C IN	Mini DIN 4-pin
Y	1 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 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 the 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, cUL950 (CSA No.950), DHHS (Laser), FCC Class A, IC Class A, EN 60 950 (TÜV), CE, C-Tick, EN 60 825-1 (Laser)

Supplied accessories

Remote commander 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

* ANSI lumens is a measuring method of the American National Standards Institute IT7. 228.
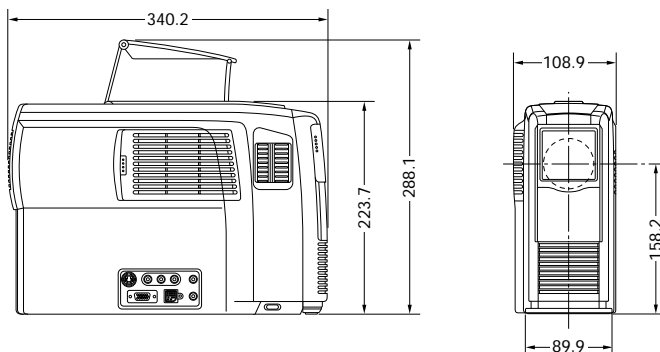
Memory NO.	Preset Signal		fH (kHz)	fV (Hz)	H/V Polarity
1	VIDEO 60 Hz		15.734	59.940	N/N
2	VIDEO 50 Hz		15.625	50.000	N/N
3	15 K RGB/COMPONENT 60 Hz		15.734	59.940	N/N
4	15 K RGB/COMPONENT 50 Hz		16.625	50.000	N/N
5	——————		—	—	—
6	640 x 350	VGA mode 1	31.469	70.086	P/N
7		VGA VESA 85 Hz	37.861	85.080	P/N
8		PC-9801 Normal	24.823	56.416	N/N
9		VGA mode 2	31.469	70.086	P/N
10		VGA VESA 85 Hz	37.861	85.080	P/N
11	640 x 480	VGA mode 3	31.469	59.940	N/N
12		Macintosh 13"	35.000	66.667	N/N
13		VGA VESA 72 Hz	37.861	72.809	N/N
14		VGA VESA 75 Hz	37.500	75.000	N/N
15		VGA VESA 85 Hz	43.269	85.008	N/N
16	800 x 600	SVGA VESA 56 Hz	35.156	56.250	P/P
17		SVGA VESA 60 Hz	37.879	60.317	P/P
18		SVGA VESA 72 Hz	48.077	72.188	P/P
19		SVGA VESA 75 Hz	46.875	75.000	P/P
20		SVGA VESA 85 Hz	53.674	85.061	P/P
21	832 x 624	Macintosh 16"	49.724	74.550	N/N
22	1024 x 768	XGA VESA 43 Hz	35.524	43.479	P/P
23		XGA VESA 60 Hz	48.363	60.004	N/N
24		XGA VESA 70 Hz	56.476	70.069	N/N
25		XGA VESA 75 Hz	60.023	75.029	P/P
26		XGA VESA 85 Hz	68.677	84.997	P/P
27	1152 x 864	SXGA VESA 70 Hz	63.995	70.016	P/P
28		SXGA VESA 75 Hz	67.500	75.000	P/P
29		SXGA VESA 85 Hz	77.487	85.057	P/P
30	1152 x 900	Sunmicro LO	61.795	65.960	N/N
31		Sunmicro HI	71.713	76.047	N/N
32	1280 x 960	SXGA VESA 60 Hz	60.000	60.000	P/P
33		SXGA VESA 75 Hz	75.000	75.000	P/P
34	1280 x 1024	SXGA VESA 43 Hz	46.433	43.436	P/P
35		SGI-5	53.516	50.062	N/N
36		SXGA VESA 60 Hz	63.974	60.013	P/P
37		SXGA VESA 75 Hz	79.976	75.025	P/P
38		SXGA VESA 85 Hz	91.146	85.024	P/P

Projector lamp
LMP-P120
(for replacement)

Carrying case
VLC-SC50*

Interface selector
IFU-SC50

Monitor cable
SMF-400
SMF-401

Signal cable
SMF-402

Mouse cable
SIC-S20 (for Mac®)
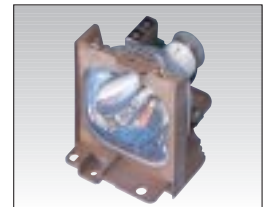**SIC-S21** (for Serial)
SIC-S22 (for PS/2)

Macintosh® adaptor
ADP-20 (Macintosh to VGA)

Signal adaptor
ADP-10 (HD D-sub 15-pin to D-sub 9-pin)

50-inch portable screen
VPL-50C*

80-inch portable screen
VPL-80C*

* Not available in some areas.

Projector lamp
LMP-P120 (for replacement)

Interface selector
IFU-SC50

340.2
108.9
223.7
288.1
158.2
89.9

Distributed by