**Always a Brilliant
Performance**

VPL-PX32
XGA Data Projector

Keys to Powerful Presentations

– provided by the Sony VPL-PX32 Projector

Visuals

Leave a lasting impression.

With 3000 ANSI lumens* brightness, it is easy to view presentations in any environment. And the 3D Gamma Correction, RGB Enhancer, APA, and Digital Keystone features make pictures look their best.

Audio

Complete the experience.

A three-way stereo speaker system supports visuals for impactful presentations.

Presentation tools

Make life easier for you and your audience.

4-times Digital Zoom, laser pointer and mouse functions of the supplied remote control unit help make presentations run smoothly, and keep the audience involved. The main presentation tool – the projector – should go unnoticed. The VPL-PX32 is almost silent.

Flexibility

With wide installation capabilities.

The VPL-PX32 can be mounted on a ceiling, on a floor or installed in a rear projection system. Combined with a choice of three optional lenses, it has the flexibility to be used in a wide range of installations. Plus, an extensive array of inputs supports virtually any signal source.

For Powerful Presentations . . . the VPL-PX32

*ANSI lumen is a measuring method of the American National Standards Institute IT7.228. Since there is no uniform method of measuring brightness, specifications will vary among manufacturers.

Picture Quality

The VPL-PX32 produces excellent quality images, making a clear impression on the audience.

High Brightness

With a new optical system incorporating Sony LCD panels and a 200 W UHP lamp, the VPL-PX32 offers an outstanding brightness of 3000 ANSI lumens. High-quality, high-contrast images can be projected even in high ambient light conditions.

High Resolution

Utilizing three 1.3-inch XGA LCD panels, reproduced images are clean and detailed.

3D Gamma Correction

The 3D Digital Gamma correction circuit provides superb gray scale reproduction and, at the same time, helps to improve overall picture uniformity.

RGB Enhancer

For a crisper RGB image, the VPL-PX32 is equipped with an RGB Enhancer function. A simple adjustment provides heightened image quality to match any image source – whether text, photos, or graphics.
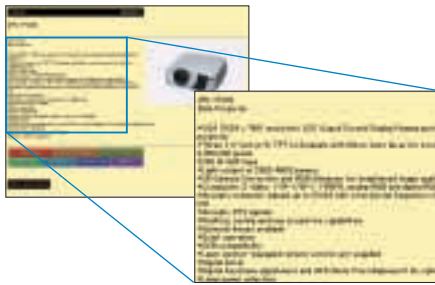
APA (Auto Pixel Alignment)

Dot phase and image size or shift can be automatically adjusted to their optimal settings just by pressing the APA button.

Effective Presentations

The VPL-PX32 makes effective presentations as simple as possible with a variety of advanced features.

4-times Digital Zoom

Any part of the projected image can be zoomed in during a presentation to assist in conveying a clear message.

Useful Remote Control Unit

The supplied remote control unit is equipped with keys to control various functions, providing smooth, persuasive presentations. It has an integrated mouse function for point-and-click control of a computer, and can also work as a laser pointer to direct the audience's attention and guide them through the presentation.

Quiet Operation

The VPL-PX32 runs quietly with its advanced air discharge system. Presentations will run very smoothly without any disturbance.

Stereo Sound

A three-way speaker system provides stereo sound to heighten the effectiveness of the presentations.

Versatile Input

The VPL-PX32 is equipped with multiple interfaces to meet the various demands for today's presentations.

Multiple Inputs

With a built-in high-performance scan converter, the VPL-PX32 accepts a wide range of input signals: composite video, S video, Y/R-Y/B-Y, YPBPR and RGB video, as well as analog and digital computer signals. A variety of DTV signals (480/60p, 575/50p, 720/60p, 720/50p, 1080/60i and 1080/50i) are also fully supported to extend its potential.

USB Compatibility

The VPL-PX32 is equipped with a USB interface for plug-and-play connections with a variety of USB-ready devices. It can serve as a USB hub for daisy chain connection of multiple devices.

Flexibility

The VPL-PX32 is designed for use in a variety of environments.
Even with its portable design, it functions equally well when installed for ceiling, floor, or rear projection use.

Optional Lenses

Three optional lenses are available, giving you the ability to customize the VPL-PX32 to perfectly suit any projection environment.

VPLL-FM21
▮ Fixed short focus lens
▮ Throw ratio*: 0.9:1

VPLL-ZM31
▮ 1.1 times zoom short focus lens
▮ Throw ratio: 1.55-1.62:1

VPLL-ZM101
▮ 1.5 times zoom long focus lens
▮ Throw ratio: 3.35-4.9:1

*Throw ratio is the distance between the center of the projector lens and the screen, divided by the screen width.

Lamp Power Selection

The lamp power of the VPL-PX32 is selectable via the on-screen Lamp Mode menu. When set to LOW, lamp life is approximately doubled and fan noise is further reduced. Yet the VPL-PX32 still produces an impressive 2250 ANSI lumens.

Digital Keystone Adjustment

Keystone distortion, caused when the projection angle is not properly calibrated, can be easily corrected within the wide adjustment range of +/- 20 degrees via the On-Screen Display.

Help Menu

The on-screen Help Menu of the VPL-PX32 will assist in trouble-shooting during operation.

On-Screen Display

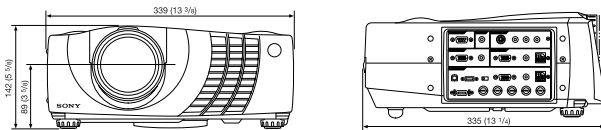The OSD for projector control is available in seven languages.

Specifications

Model	VPL-PX32
Optical	Projection system	3 LCD panels, 1 lens projection system
	LCD panel	1.3-inch p-Si TFT Sony LCD panel with Micro Lens Array
		2,359,296 pixels (786,432 pixels x 3)
	Projection lens	Approx. 1.3 times zoom lens, F1.7 to 2.0, f50.8 to 64.0 mm
	Lamp	200 W UHP Lamp
	Screen coverage	40 to 300 inches (viewable area, measured diagonally)
	Light output	3000 ANSI lumens RGB fh 19-95 Khz*[1]
Signals	Color system	NTSC, PAL, SECAM, NTSC[4.43], PAL-M, PAL-N (automatically/manually selected)
	Resolution	Video: 750 TV lines, RGB: 1024 x 768 pixels
	Acceptable signals	RGB (fH 19 to 95 kHz, fV: 50 to 92 Hz (up to SXGA)), 15 kHz RGB/Component 50/60 Hz, Progressive component 50/60 Hz, DTV (480/60p, 575/50p, 720/60p, 720/50p, 1080/60i, 1080/50i), Composite video, Y/C video
General	Cabinet color	Silky Silver
	Speaker	Max. 5 W Wide frequency range 3 speakers
		Woofer: 2 5/8 inches (65 mm) diameter, Max. 3 W
		Tweeter: 1 3/16 inches (45 mm) diameter, Max. 1 W x 2 (Stereo)
	Power requirements	100 to 240 V, 50/60 Hz
	Power consumption	Max. 290 W, Standby 5 W, Power saving mode 50 W
	Operating temperature	0 to 40 °C (32 to 104 °F)
	Operating humidity	35 to 85 %
	Dimensions	13 3/8 x 5 5/8 x 13 1/4 inches (339 (W) x 142 (H) x 335 (D) mm)
	Weight	Approx. 15 lb 14 oz (7.2 kg)
	Heat dissipation	989.6 BTU
	Fan noise	Less than 34 dB (when lamp mode set to LOW: 30 dB)
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		HD D-sub 15 pin (female)/5 BNC (female)/Digital Interface Switched
	Analog RGB	HD D-sub 15-pin (female)
	R	0.7 Vp-p ±2 dB positive, 75 Ω
	G	0.7 Vp-p ±2 dB positive, 75 Ω
	G with Sync	1.0 Vp-p ±2 dB sync negative, 75 Ω
	B	0.7 Vp-p ±2 dB positive, 75 Ω
	SYNC/HD	
	Composite sync	1.0 to 5.0 Vp-p, high impedance positive/negative
	Horizontal sync	1.0 to 5.0 Vp-p, high impedance positive/negative
	VD	
	Vertical sync	1.0 to 5.0 Vp-p, high impedance positive/negative
	Analog RGB/Component	5 BNC (female)
	R/R-Y/P[R]	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/P[B]	0.7 Vp-p ±2 dB positive, 75 Ω
	SYNC/HD	
	Composite sync	1.0 to 5.0 Vp-p, high impedance positive/negative
	Horizontal sync	1.0 to 5.0 Vp-p, high impedance positive/negative
	VD	
	Vertical sync	1.0 to 5.0 Vp-p, high impedance positive/negative
	Digital RGB	DFP 20-pin (TMDS)
	USB HUB	Up (B type: female) x 1, Down (A type: female) x 1
	MOUSE IN	Square 13-pin (female)
	AUDIO IN	Stereo mini jack, 500 mV rms, impedance more than 47 kΩ
INPUT B	Analog RGB	HD D-sub 15-pin (female)
	R	0.7 Vp-p ±2 dB positive, 75 Ω
	G	0.7 Vp-p ±2 dB positive, 75 Ω
	G with Sync	1.0 Vp-p ±2 dB sync negative, 75 Ω
	B	0.7 Vp-p ±2 dB positive, 75 Ω
	SYNC/HD	
	Composite sync	1.0 to 5.0 Vp-p, high impedance positive/negative
	Horizontal sync	1.0 to 5.0 Vp-p, high impedance positive/negative
	VD	
	Vertical sync	1.0 to 5.0 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
OUTPUT	MONITOR OUT*[2]	HD D-sub 15-pin (female)
		R/R-Y, G/Y, B/B-Y: Gain Unity, 75 Ω
		SYNC/HD, VD: 4.0 Vp-p (open), 1.0 Vp-p (75 Ω)
	AUDIO OUT (Variable out)	Stereo mini jack, max. 1 V rms, when the input signal is 500 mV rms, impedance less than 5 kΩ
REMOTE	RS-232C	D-sub 9-pin (female)
CONTROL S IN/		Stereo mini jack
PLUG IN POWER		5.0 Vp-p, plug in power, DC 5 V
Safety regulations		UL, cUL listed, DHHS, FCC Class A, IC Class A, NEMKO, CE (LVD), CE (EMC), C-Tick, CCIB, VCCI class B, JEIDA
Laser beam	Laser type	Class II
	Wavelength	645 nm
	Output	1 mW
Supplied accessories		Remote Commander® Unit, Monitor Cable (2 m): HD D-sub 15-pin to HD D-sub 15-pin, Mouse Cable (2 m): SIC-S22 (for PS/2), USB Cable A type to B type (2 m), AA size Battery (x 2), Lens Cap, Air Filter, Operating Manual, Installation Manual for dealers

*[1] ANSI lumens is a measuring method of the American National Standards Institute IT7.228. Since there is no uniform method of measuring brightness, specifications will vary among manufacturers. *[2] DIGITAL RGB signal is not output from the MONITOR OUT terminal. *[3] Not available in some areas. For details, please contact your nearest Sony office.

Dimensions

Unit: mm (inches)

339 (13 3/8)

142 (5 5/8)

89 (3 1/2)

335 (13 1/4)

Input Signal Preset Data

No.	Resolution		fH (kHz)	fV (Hz)	H/V
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	SonG
4	15 K RGB/Component 50 Hz		15.625	50.000	SonG
5	HDTV 1035/60i, 1080/60i		33.750	60.000	SonG
6	640x350	VGA-1	31.469	70.086	P/N
7		VGA VESA 85	37.861	85.080	P/N
8	640x400	NEC PC98	24.823	56.416	N/N
9		VGA-2/VESA 70	31.469	70.086	N/P
10		VGA VESA 85	37.861	85.080	N/P
11	640x480	VGA VESA 60	31.469	59.940	N/N
12		Mac 13	35.000	66.667	SonG
13		VGA VESA 72	37.861	72.809	N/N
14		VGA VESA 75	37.500	75.000	N/N
15		VGA VESA 85	43.269	85.008	N/N
16	800x600	SVGA VESA 56	35.156	56.250	P/P
17		SVGA VESA 60	37.879	60.317	P/P
18		SVGA VESA 72	48.077	72.188	P/P
19		SVGA VESA 75	46.875	75.000	P/P
20		SVGA VESA 85	53.674	85.061	P/P
21	832x624	Mac 16	49.724	74.550	N/N
22	1024x768	XGA VESA 43	35.524	43.479	P/P
23		XGA VESA 60	48.363	60.004	N/N
24		XGA VESA 70	56.476	69.955	N/N
25		XGA VESA 75	60.023	75.029	P/P
26		XGA VESA 85	68.677	84.997	P/P
27	1152x864	SXGA VESA 70	63.995	70.019	P/P
28		SXGA VESA 75	67.500	75.000	P/P
29		SXGA VESA 85	77.487	85.057	P/P
30	1152x900	SUN LO	61.795	65.960	N/N
31		SUN HI	71.713	76.047	CNeg
32	1280x960	SXGA VESA 60	60.000	60.000	P/P
33		SXGA VESA 75	75.000	75.000	P/P
34	1280x1024	SXGA VESA 43	46.433	43.436	P/P
35		SGI-5	53.316	50.062	SonG
36		SXGA VESA 60	63.974	60.013	P/P
37		SXGA VESA 75	79.976	75.025	P/P
38		SXGA VESA 85	91.146	85.024	P/P
43	480/60p (Progressive component)		31.470	60.000	SonG
44	575/50p (Progressive component)		31.250	50.000	SonG
45	1080/50i		28.130	50.000	
47	720/60p		45.000	60.000	
48	720/50p		37.500	50.000	

Optional Accessories

Projector Lamp
LMP-P201
(for replacement)

Carrying Case
VLC-SPI5C2
VLC-PI5ATA

Suspension Support
PSS-610//A

Signal Cables
SMF-400
(HD D-sub 15-pin to 5 BNC, for RGB signal)
SMF-402
(HD D-sub 15-pin to phono x 3, for component signal)
SMF-410
(HD D-sub 15-pin to HD D-sub 15-pin, for RGB signal)

Digital Signal Cables
SMF-D102
SMF-D110

LMP-P201

Mouse Cables
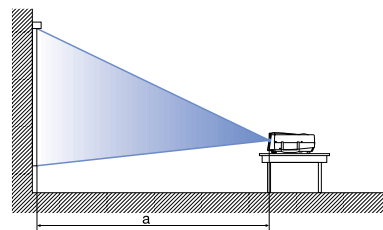SIC-S21 (for Serial)
SIC-S22 (for PS/2)

Optional Lenses
VPLL-FM21
(Fixed short focus lens)
VPLL-ZM31
(Short focus zoom lens)
VPLL-ZM101
(Long focus zoom lens)

Throwing Distance

Screen size		40-inch	60-inch	80-inch	100-inch	120-inch	150-inch	200-inch	300-inch
a (min.)	mm	1490	2280	3060	3850	4630	5810	7770	11700
	inches	58 3/4	89 7/8	120 1/2	151 5/8	182 3/8	228 3/4	306	460 3/4

SONY

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