

SONY®

LCD Data Projector
VPL-PX15/PX10/PS10

Portable, High Quality Projectors that Set New Standards
for Presentation Flexibility.



VPL-PX15



Sony presents three compact, versatile ways to enhance your presentation effectiveness.

The VPL-PX15, VPL-PX10 and VPL-PS10 are a new line of portable projectors from Sony that provide excellent resolution and brightness as well as great flexibility. The VPL-PX15 and VPL-PX10 provide an outstanding brightness of 2000 ANSI lumens with true XGA resolution, while the VPL-PS10 provides 1500 ANSI lumens with SVGA resolution for excellent image reproduction. With the VPL-PX15, Sony brings networking capability to portable projectors – it is the first projector from Sony to provide wireless Peer to Peer (Ad-hoc) networking, offering a whole new style for smart, cable-less meetings in your company. Also incorporating a variety of useful functions, these stylishly designed, next-generation projectors will take your presentations to a higher level.

High Brightness *and Resolution*

The VPL-PX15, VPL-PX10 and VPL-PS10 combine the latest LCD-panel technology with a 200 W UHP lamp to provide an outstanding combination of on-screen image quality and brightness. All three models feature three 0.9-inch LCD panels; the VPL-PX15 and VPL-PX10 providing a light output of 2000 ANSI lumens with true XGA (1024 x 768) resolution, while the VPL-PS10 provides 1500 ANSI lumens with true SVGA (800 x 600) resolution. High-quality images can be projected even in conditions of high ambient light.



Simulated picture

Sophisticated *Design*

The sleek and elegant look of the VPL-PX15/PX10/PS10 adds style to any presentation in a variety of ways. During the presentation the built-in height adjuster provides the optimum projection angle, and projector noise is not a distraction – the VPL-PX15/PX10/PS10 runs very quietly with the exhaust positioned on the front of the unit so that the discharged air is kept away from the audience.



Flexible Use

Portability

The VPL-PX15/PX10/PS10 is compact and is easy to carry with its retractable carrying handle. The projector can be carried around from room to room, bringing bright and clear images anywhere it is used.



Installation Flexibility

The VPL-PX15/PX10/PS10 can also be floor mounted or ceiling mounted, in applications where a fixed installation is more appropriate. New optional converter lenses are available – easily attached to the standard lens, they enable the projector to be customized to virtually any application environment.

VPLL-CW10



Short focus length converter lens
Throwing distance*1: x 0.8

VPLL-CT10*2



Long focus length converter lens
Throwing distance: x 1.2

*1 Ratio of the lens' throwing distance to that of the standard lens.

*2 Standard lens should be set to its maximum when using the VPLL-CT10.





VPL-PX10



VPL-PS10

Simulated picture

Innovative Presentations with *Network Projector VPL-PX15*



Simulated picture

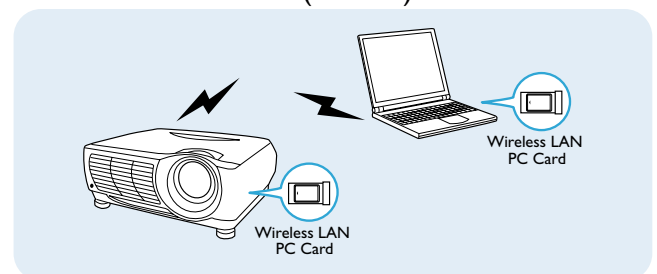
Wireless Peer to Peer (Ad-hoc) Presentations

The VPL-PX15 is the first of Sony projectors to include a wireless Peer to Peer (Ad-hoc) networking capability. Where a network environment is not provided, this technology enables a wireless Peer to Peer network to be set up using a wireless LAN PC Card*. This revolutionary application means that users can come to a meeting, set up a Peer to Peer network with their PCs and the projector, and run their presentations by communicating with and transferring data to the VPL-PX15. By doing away with the problem of cable connections between PC and projector, this development makes an important contribution to the smooth running of presentations and avoids the trouble of

disconnecting and connecting PCs when several different presenters are involved.

** When using a wireless LAN PC Card, please confirm the safety regulations in each area.*

Wireless Peer to Peer (Ad-hoc)

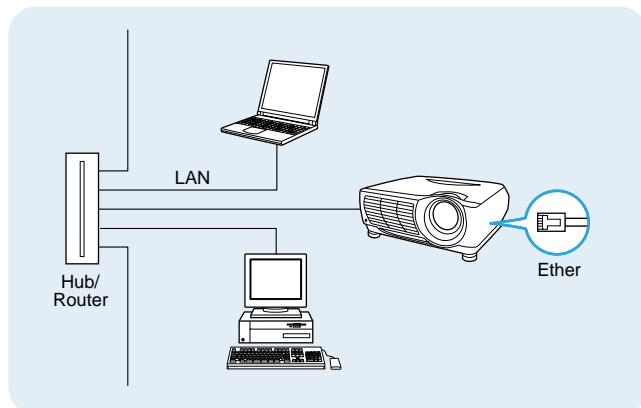


LAN Connection

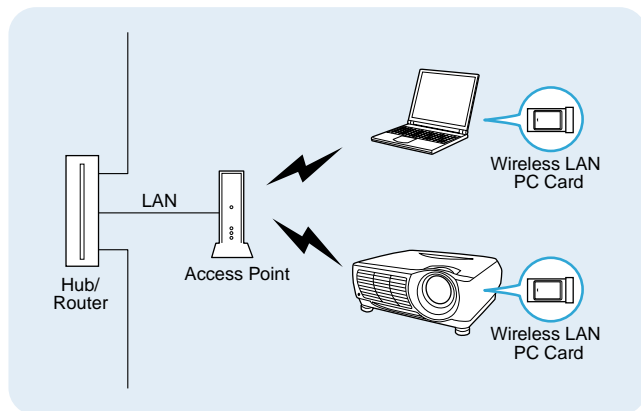
In offices with a network environment, the VPL-PX15 projector can connect to this LAN via a built-in 10Base-T/100Base-TX interface and then communicate with any PC on the LAN. The projector can also access the Internet directly using the pre-installed web-browser. A wireless infrastructure can also be provided with the use of a wireless LAN PC Card and an access point

* Recommended LAN PC Card, Wireless LAN PC Card, PC Memory Card and access point may vary by area. For details, please contact your nearest Sony office.

Wired



Wireless Infrastructure



PC Presentations via Web Browser

Any PC within the same network can communicate with a VPL-PX15 via a web browser. Operating presentations, organizing files and controlling both a projector's functions and its setup parameters can all be done by accessing the application software pre-installed in the projector from a PC on the network.

* System requirements

OS: Microsoft Windows 98, Windows 98 SE, Windows Me or Windows 2000

Web browser: Internet Explorer 4.0 or later or Netscape Communicator 4.5x or 4.7x

PC-less Presentations with Projector

Alternatively, it is not even necessary to use a PC to give presentations. When the projector is connected to the network, files shared in that network can be retrieved and opened for projection by using only the supplied remote control unit. Also with sufficient memory storage to save presentation files internally, presentation files can be saved in the projector prior to the meetings and then be projected off-line using the remote control unit.



* The PC Memory Card is not supplied with the VPL-PX15.

PC Card presentations are possible as well. Presentation files can be directly projected by inserting the PC Memory Card into the PC Card slot.

Application Software for Presentation Control

The VPL-PX15 is provided with Sony original Presentation Viewer, Image Viewer and File Manager application software. The Presentation Viewer enables users to prepare and run PowerPoint (PPT, PPS) and Excel (XLS) presentation files, while the Image Viewer makes JPEG/GIF/BMP/PNG presentations possible. Presentation files in the projector memory can also be added or deleted using the File Manager.





Other Features

Flexible Inputs

The VPL-PX15/PX10/PS10 accepts a wide variety of input signals, including composite video, S video and RGB, as well as computer signals up to SXGA. And with presets for 37 different signals, images can be reproduced in the most suitable signal mode in an instant.

USB Compatibility and Projector Station Software

The VPL-PX15/PX10/PS10 is USB-ready, and serves as a USB hub for daisy-chain connection of multiple devices. With the USB connection, the projector can be controlled by a computer, using the Projector Station* USB application software. The software also helps with organization of presentation materials for quick access - registered files in the software can be opened with the Function keys on the remote control unit.



* PROJECTOR STATION version 3 software requirements: Microsoft Windows 98, Windows 98 SE, Windows Me or Windows 2000 operating system.

Useful Remote Control Unit

The VPL-PX15 and VPL-PX10 are supplied with a laser pointer-equipped remote control unit, the RM-PJM15. The VPL-PS10 is supplied with an RM-PJM11. Both these wireless control units include items such as Mouse function, Digital Zoom function and Freeze function. Presentations assigned in the Projector Station software can be opened with a push of the Function key. Also, when the VPL-PX15 is in NETWORK mode, the Function keys on the RM-PJM15 work as easy startup keys for the projector's network functions.



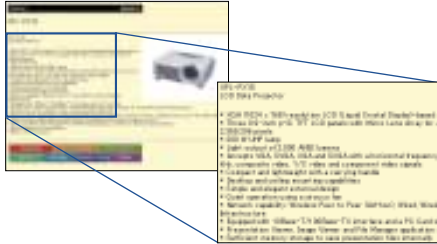
RM-PJM15



RM-PJM11

4-times Digital Zoom

Any part of the projected image can be zoomed in during a presentation, using the supplied remote control unit.



Freeze

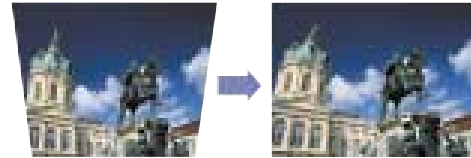
The Freeze function displays a freeze-frame while preparing or switching to the next image. This can be controlled via the supplied remote control unit.

Stereo Speakers

The VPL-PX15/PX10/PS10 is equipped with two speakers, heightening the effectiveness of the presentations by adding stereo audio.

Digital Keystone Adjustment

Keystone distortion of up to ± 15 degrees can be digitally corrected from the On-Screen Display or the supplied remote control unit. Images can be projected with the correct geometry even where installation space is limited.



APA (Auto Pixel Alignment)

With APA, single-button “press and play” operation correctly sizes and adjusts the display for optimum picture performance.

On-Screen Display

The OSD for projector control is available in nine languages: English, French, Spanish, German, Italian, Portuguese, Japanese, Chinese and Korean.

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	
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

Optional Accessories

Projector Lamp
LMP-P202
(for replacement)



LMP-P202

Projection Lenses
VPLL-CW10
(Short focal length converter lens)
VPLL-CT10
(Long focal length converter lens)

Suspension Support
PSS-610

Signal Cables

SMF-400
(HD D-sub 15-pin to 5 BNC, for RGB signal)

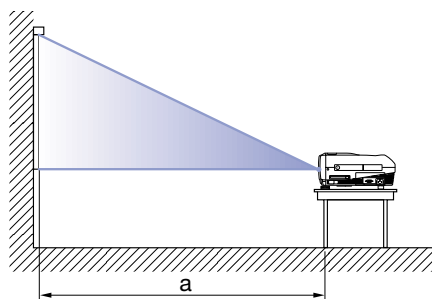
SMF-402
(HD D-sub 15-pin to phono x 3, for component signal)

SMF-410
(HD D-sub 15-pin to HD D-sub 15-pin, for RGB signal)

Macintosh® adaptor

ADP-20
(Macintosh to VGA)

Throwing Distance



VPL-PX15/PX10

Screen size*		40-inch	60-inch	80-inch	100-inch	120-inch	150-inch	200-inch	250-inch	300-inch
a	min.	mm 1458	2217	2977	3736	4495	5635	7533	9432	11330
	inches	57 1/2	87 1/2	117 3/8	147 3/8	177 1/4	221 3/4	296 1/2	371 3/8	446 1/8
a	max.	mm 1764	2675	3586	4497	5408	6774	9052	11329	13607
	inches	69 3/8	105 1/4	141 3/8	177 1/4	213 1/2	266 5/8	356 3/8	446 1/8	536

VPL-PS10

Screen size		40-inch	60-inch	80-inch	100-inch	120-inch	150-inch	200-inch	250-inch	300-inch
a	min.	mm 1461	2221	2982	3742	4503	5644	7545	9446	11348
	inches	57 1/2	87 1/2	117 3/8	147 3/8	177 1/4	222 1/8	297 3/8	372 1/8	447
a	max.	mm 1767	2680	3592	4505	5417	6786	9067	11348	13629
	inches	69 3/4	105 5/8	141 3/8	177 1/4	213 1/2	267 3/8	357 1/4	447	536 3/4

* Viewable area, measured diagonally.

Specifications

MODEL	VPL-PX15	VPL-PX10	VPL-PS10	
OPTICAL	Projection system			
	3 LCD panels, 1 lens projection system			
	LCD panel		0.9-inch p-Si TFT LCD panel	
	0.9-inch p-Si TFT LCD panel with Micro Lens Array 2,359,296 pixels (786,432 pixels x 3)		0.9-inch p-Si TFT LCD panel 1,440,000 pixels (480,000 pixels x 3)	
	Projection lens			
1.3 times manual zoom lens, F1.7 to 2.1, f33.6 to 42 mm				
Lamp				
200 W lamp				
Screen coverage				
40 to 300 inches (viewable area, measured diagonally)				
Light output				
2000 ANSI lumens ^{*1}		1500 ANSI lumens		
SIGNALS	Color system			
	NTSC, PAL, SECAM, NTSC4.43, PAL-M, PAL-N			
Resolution				
VIDEO: 750 TV lines, RGB: 1024 x 768 pixels		VIDEO: 600 TV lines, RGB: 800 x 600 pixels		
Acceptable signals				
RGB (fH: 15 to 91 kHz, fV: 43 to 85 Hz), 15 kHz component 50/60 Hz system, composite video, Y/C video				
GENERAL	Cabinet color			
	Silky Silver			
	Speaker			
	Max. 0.5 W x 2 (stereo)			
	Power requirements			
	AC 100 to 240 V, 50/60 Hz			
	Power consumption		Max. 300 W, Standby 4.2 W	
	Max. 290 W, Standby 4.2 W			
	Operating temperature			
	32 to 95 °F (0 to 35 °C)			
Operating humidity				
35 to 85%				
Dimensions				
12 7/8 x 4 3/8 x 11 1/4 inches (325 (W) x 110 (H) x 285 (D) mm) ^{*2}				
Weight		Approx. 11 lb 11 oz (5.3 kg)		
Approx. 10 lb 13 oz (4.9 kg)				
Heat dissipation				
1023.9 BTU				
INPUTS/OUTPUTS	VIDEO IN			
	Phono type, 1.0 Vp-p ±2 dB, sync negative, 75 Ω			
	Composite			
	Mini DIN 4-pin			
	Y/C IN			
	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			
	AUDIO IN			
	Stereo mini jack, 500 mV rms, impedance more than 47 kΩ			
	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				
1.0 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				
AUDIO IN				
INPUT A: Stereo mini jack, 500 mV rms, impedance more than 47 kΩ				
MOUSE IN				
6-pin (female)				
INPUT B (VPL-PX15 only)		10BASE-T/100BASE-TX		
ETHER		—		
PC Card slot		PC Card slot Type II		
USB HUB		UP (B type female) x 1, Down (A type female) x 1		
CONTROL S IN/ PLUG IN POWER		Stereo mini jack 5.0 Vp-p, plug in power DC 5 V		
SAFETY REGULATIONS				
UL, cUL, DHHS, DNHW, FCC class A, NEMKO, CE (LVD, EMC), C-Tick, CCIB, VCCI, JEITA				
SUPPLIED ACCESSORIES				
Remote Commander RM-PJM15 ^{*3} (VPL-PX15/PX10 only)/PJM11 (VPL-PS10 only), Signal Cable SMF-410: HD D-sub 15-pin to D-sub 15-pin, PS/2 Mouse Cable, USB Cable: A type to B type, USB Application Software Projector Station, AA size Battery (2), Strap for Remote Commander (VPL-PX15/PX10 only), Air Filter (for replacement), AC Power Cord, Operation Manual, Operation Manual for Networking (VPL-PX15 only), Installation Manual for Dealers, Specified/recommended PC Card/Wireless LAN Access Point List (VPL-PX15 only), Quick Reference Sheet				

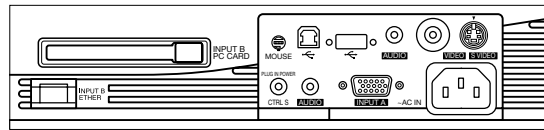
*1 ANSI lumens is a measuring method of the American National Standards Institute IT7.228.

*2 Excluding protruding parts.

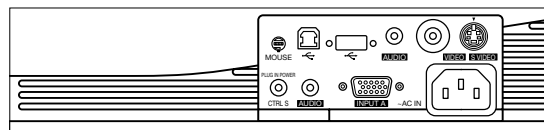
*3 Laser Type: Class II Wavelength: 645 nm Output: 1mW



Connector Panel

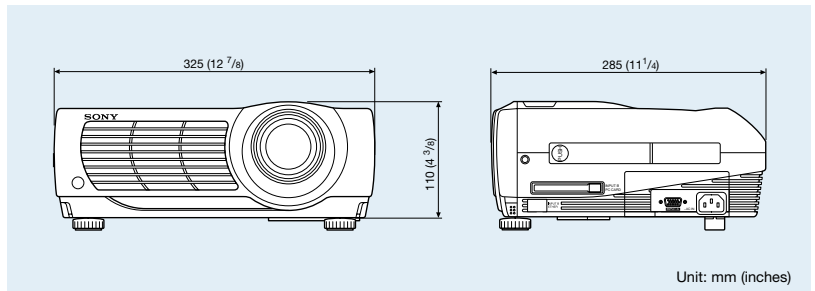


VPL-PX15



VPL-PX10/PS10

Dimensions



Unit: mm (inches)

SONY

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