

**VPL-PX11/PX15/PX40**

LCD Data Projectors

CHANGING



THE WAY



BUSINESS



COMMUNICATES

**THREE WAYS TO TAKE YOUR  
PRESENTATIONS TO A HIGHER LEVEL.**

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**SONY**



## New versatile ways to enhance your communication

**The new VPL-P Series from Sony provide outstanding brightness, excellent resolution and great flexibility.**

What's more, each projector has specific features to meet specific requirements. With three different models of portable desktop projectors, Sony provides solutions that meet a wide range of projection (or installation) needs for different users. Users can range from presenters in corporate meeting rooms, teachers in auditoriums to brand managers in fashion retail outlets.

### **High brightness and resolution**

The VPL-P Series from Sony incorporates the latest LCD-panel technology and provides an outstanding combination of on-screen image quality and brightness. Both the VPL-PX11 and VPL-PX15 provide light output of 2000 ANSI lumens with true XGA (1024 x 768) resolution, while the VPL-PX40 provides outstanding brightness of 3500 ANSI lumens with the same native resolution. High-quality images can be projected even in conditions of high ambient light.

### **Sophisticated design**

The sleek and elegant looks of these projectors add style to any presentation. The built-in height adjuster ensures the optimum projection angle and projector noise will not distract from your presentation - the projectors run 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**

#### **Installation Flexibility**

The VPL-P Series can be floor or ceiling mounted, if a fixed installation is more appropriate. The built-in digital keystone correction, together with the easily-attached optional lenses, enables you to customise your projector to virtually any application environment ranging from long to short distance, front or rear projection.

#### **Portability**

The VPL-P Series projectors are compact and, with their retractable carrying handle, couldn't be easier to carry. The projectors can be moved from room to room, bringing bright and clear images anywhere they are used.

#### **Useful control functions**

The VPL-P Series are supplied with an infra-red remote control unit including functions such as Mouse, Digital Zoom (up to four times) and Image Freeze. Furthermore, each projector incorporates unique features which control and verify their status.

# VPL-PX11



## The right performance to impress your audience

The VPL-PX11 has it all – and can do it all, either placed on a table or mounted on the ceiling. Whether showcasing business or educational presentations, images or video, the VPL-PX11 will leave your audience impressed. By incorporating a variety of useful functions, this stylishly designed projector will enhance your presentation.

### High brightness and resolution

The VPL-PX11 combines the latest 0.9-inch LCD-panel technology with a 200 W UHP lamp to provide light output of 2000 ANSI lumens with true XGA (1024 x 768 pixels) resolution, so high-quality images can be projected even in bright environments.

### Flexible inputs

The VPL-PX11 projector accepts a wide variety of input signals, including Composite Video, S-Video and RGB, as well as computer signals up to SXGA. The VPL-PX11 also has two RGB inputs to allow multiple connections as well as an RGB output to connect a local monitor. And, with presets for 37 different signals, images can instantly be reproduced in the most suitable signal mode.

### Control functions

The VPL-PX11 can be controlled via the supplied remote commander RM-PJM12, by infra-red or by a cable connected between the projector (S-Control) and the remote. In addition, the VPL-PX11 is equipped with an RS-232C Port to control and to sense the status of the projector from a control room. The VPL-PX11 is USB-ready, which means the projector can be controlled by a computer, using the Projector Station\* application software. This software also helps to organise presentation materials for quick access – files stored in the software can be directly 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.

### Other functions

- **Freeze function**  
Displays a freeze-frame while preparing or switching to the next image. This can be controlled via the supplied remote control unit.
- **Multi-language on-screen display**  
Guides you through a straightforward input source selection and picture set-up.
- **Built-in stereo speakers**  
Adds extra audio impact to heighten the effectiveness of any presentation.
- **Digital keystone adjustment**  
Compensates digitally for unwanted “trapezium” picture distortion via the On-Screen Display or supplied remote control unit. Images can be projected with the correct geometry even where installation space is limited.
- **APA (auto pixel alignment)**  
Takes the headache out of projector set-up, offering single-button “press and play” display optimisation for the best picture performance every time.
- **4-times digital zoom**  
Any part of the projected image can be enlarged during a presentation to assist in conveying a clear message.

# VPL-PX15



## Innovative presentations with the VPL-PX15 network projector

While the VPL-PX15 has the same chassis, design and features as the VPL-PX11, the Sony VPL-PX15 brings networking capability to portable projectors. This next-generation projector will take your presentations to a higher level.

### Wireless peer to peer (ad-hoc) presentations

The VPL-PX15 is the first Sony projector to include a wireless Peer to Peer (Ad-hoc) networking capability. Where a network environment is not available, this technology enables you to set up a wireless network between your PCs and the projector, using a wireless LAN PC Card\*. That means you can run your presentations by communicating with and transferring data wirelessly 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 eliminates the trouble of disconnecting and connecting PCs when several presenters are involved.

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

### Presentations and control over the network

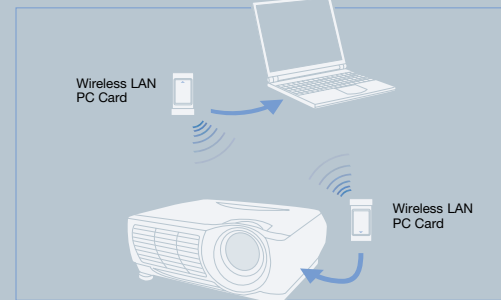
In offices with a network environment, the VPL-PX15 projector connects via a built-in 10Base-T/100Base-TX interface and then communicates with any PC on the network. The projector can even access the internet directly using the pre-installed web-browser. A wireless infrastructure can also be provided with the use of a wireless LAN PC Card and an access point\*. What's more, the network connection can be used for controlling multiple projectors from a central control room via TCP/IP. The E-Mail report function will send out fault reports or status reports.

\* 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 dealer.

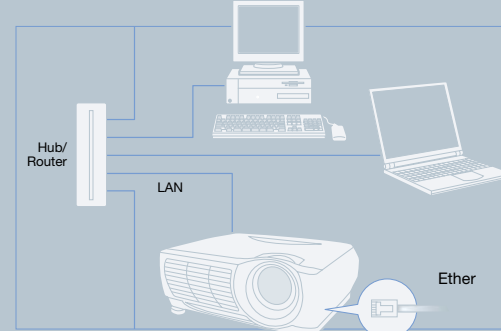
### Application software for presentation control

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

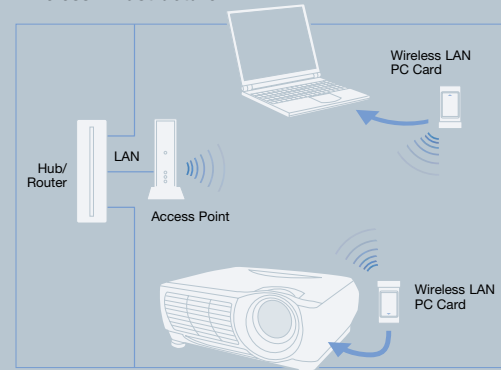
### Wireless peer to peer (ad-hoc)



### Wired



### Wireless infrastructure





# VPL-PX40



## High impact and quality images for your visual communication

With its unique design and features, the VPL-PX40 is perfect for showcasing presentations, video and images in medium to large-sized meeting rooms and auditoriums as well as environments with high ambient light. Furthermore, with the latest Sony technology, such as Dynamic Digital Enhancer and 3D Gamma Correction, optimal picture and video quality is guaranteed.

### Outstanding brightness and resolution

Combining the unique new Sony 0.99-inch LCD-panel technology with a 265 W UHP lamp, the VPL-PX40 provides outstanding light output of 3500 ANSI lumens with true XGA (1024 x 768 pixels) resolution. As a result, high-quality images can be projected in almost any lighting condition.

### A wide range of inputs

The VPL-PX40 projector accepts a wide variety of input signals, including Composite Video, S-Video, RGB, as well as computer signals up to UXGA (1600 x 1200 pixels). With four RGB inputs and one RGB output, the VPL-PX40 can be used by virtually any computer and even employ multiple connections. Moreover, with presets for 52 different signals, images can be instantly reproduced in the most suitable signal mode.

### Installation flexibility

The VPL-PX40 can be customised to virtually any application environment, ranging from long to short distance and front or rear projection, simply by replacing the standard zoom lens with one of two optional lenses. The free-tilt angle combined with advanced digital keystone correction ensures that detailed and geometrically correct images are produced. This allows for holographic and other screen applications, making the VPL-PX40 the first choice for retail outlets too.

### Projector control

The VPL-PX40 features a wide variety of control functions. The projector can be controlled via the supplied remote commander, by infra-red or by a cable connected between the projector (S-Control) and the remote. The RS-232C port makes it possible to control and to verify the status of the projector from a control room.

### Multiple projector control

The VPL-PX40 also features integrated network control via the RJ45 Ethernet connector and the PJ-J-Talk2 Protocol. This makes it possible to verify the status of and control multiple projectors over the network.

In addition to the useful functions incorporated in the VPL-PX11 and VPL-PX15, the VPL-PX40 has a set of unique features.

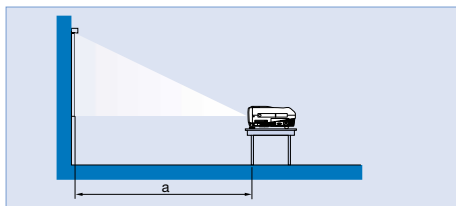
- **Direct power on function**  
This unique function means the projector is powered-up automatically as soon as AC Power is supplied.
- **Security function**  
The VPL-PX40 can be protected with a password which is required after disconnecting the projector from the AC current. This feature makes the projector unattractive to thieves.
- **Free-tilt angle**  
The structure of the optical units allows the VPL-PX40 to be tilted to any upward or downward angle. This feature is important in rear projection applications with holographic screens that require a strong tilt angle.
- **Digital keystone compensation**  
Thanks to a new algorithm, the aspect ratio of the projected image will stay constant (4:3) even under maximum digital keystone compensation of  $\pm 20$  degrees. The adjustment made can be stored automatically.
- **Advanced smart APA**  
The unique Sony APA (Auto Pixel Alignment) function will take care of the horizontal and vertical shift adjustment, the horizontal size adjustment and the dot phase adjustment in order to get the best possible picture quality from computer signals. Advanced Smart APA means that the APA is triggered automatically once the input signal is changed.
- **Easy maintenance**  
With the new larger air filter design and improved cooling structure, the air filter only needs cleaning every 2000 hours. This equals the estimated lamp life which means that lamp replacement and filter cleaning can be taken care of at the same time.

# Technical Data

## Input signal preset data

N°	Resolution	IH (kHz)	IV (Hz)	H/V	VPL-PX11/PX15	VPL-PX40	
1	Video 60 Hz	15.734	59.940	N/N	Yes	Yes	
2	Video 50 Hz	15.625	50.000	N/N	Yes	Yes	
3	15 K RGB/Component 60 Hz	15.734	59.940	S on G/C	Yes	Yes	
4	15 K RGB/Component 50 Hz	15.625	50.000	S on G/C	Yes	Yes	
5	HDTV	1035 & 1080/60i	33.750	60.000	S on G/C	No	Yes
6	640 x 350	VGA-1	31.469	70.086	P/N	Yes	Yes
7		VGA VESA 85	37.861	85.080	P/N	Yes	Yes
8	640 x 400	NEC PC98	24.823	56.416	N/N	Yes	Yes
9		VGA-2/VESA 70	31.469	70.086	N/P	Yes	Yes
10		VGA VESA 85	37.861	85.080	N/P	Yes	Yes
11	640 x 480	VGA VESA 60	31.469	59.940	N/N	Yes	Yes
12		Mac 13	35.000	66.667	S on G	Yes	Yes
13		VGA VESA 72	37.861	72.809	N/N	Yes	Yes
14		VGA VESA 75	37.500	75.000	N/N	Yes	Yes
15		VGA VESA 85	43.269	85.008	N/N	Yes	Yes
16	800 x 600	SVGA VESA 56	35.156	56.250	P/P	Yes	Yes
17		SVGA VESA 60	37.879	60.317	P/P	Yes	Yes
18		SVGA VESA 72	48.077	72.188	P/P	Yes	Yes
19		SVGA VESA 75	46.875	75.000	P/P	Yes	Yes
20		SVGA VESA 85	53.674	85.061	P/P	Yes	Yes
21	832 x 624	Mac 16	49.724	74.550	N/N	Yes	Yes
22	1024 x 768	XGA VESA 43	35.524	86.958	P/P	Yes	Yes
23		XGA VESA 60	48.363	60.004	N/N	Yes	Yes
24		XGA VESA 70	56.476	69.955	N/N	Yes	Yes
25		XGA VESA 75	60.023	75.029	P/P	Yes	Yes
26		XGA VESA 85	68.677	84.997	P/P	Yes	Yes
27	1152 x 864	SXGA VESA 70	63.995	70.016	P/P	Yes	Yes
28		SXGA VESA 75	67.500	75.000	P/P	Yes	Yes
29		SXGA VESA 85	77.487	85.057	P/P	Yes	Yes
30	1152 x 900	SUN LO	61.795	65.960	N/N	Yes	Yes
31		SUN HI	71.713	76.047	C Neg	Yes	Yes
32	1280 x 960	SXGA VESA 60	60.000	60.000	P/P	Yes	Yes
33		SXGA VESA 75	75.000	75.000	P/P	Yes	Yes
34	1280 x 1024	SXGA VESA 43	46.433	86.872	P/P	Yes	Yes
35		SXI-5	53.316	50.062	S on G	Yes	Yes
36		SXGA VESA 60	63.974	60.013	P/P	Yes	Yes
37		SXGA VESA 75	79.976	75.025	P/P	Yes	Yes
38		SXGA VESA 85	91.146	85.024	P/P	Yes	Yes
39	1600 x 1200	UXGA VESA 60	75.000	60.000	P/P	No	Yes
43	Progressive	480/60p	31.470	60.000	S on G	No	Yes
44		575/50p	31.250	50.000	S on G	No	Yes
45	HDTV	1080/50i	28.130	50.000	S on G	No	Yes
47	DTV	720/60p	45.000	60.000	S on G	No	Yes
48	DTV	720/50p	37.500	50.000	S on G	No	Yes
50	DTV	540/60p	33.750	60.000	S on G	No	Yes
52	1400 x 1050	SXGA+	63.981	60.020	N/N	No	Yes

## Throwing distance



### VPL-PX11/PX15

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
a max. mm	1764	2675	3586	4497	5408	6774	9052	11329	13607

### VPL-PX40

Screen size*	40 -inch	60 -inch	80 -inch	100 -inch	120 -inch	150 -inch	200 -inch	300 -inch
a min. mm	1490	2270	3040	3820	4590	5750	7690	11570
a max. mm	1890	2860	3830	4800	5770	7220	9650	14500

\* Viewable area, measured diagonally

## PrimeSupport

The VPL-PX11, VPL-PX15 and VPL-PX40 come supplied with a 2 year support pack which offers unique extra services and benefits:

- 2 years support
- Operational and issue management phone support in 5 languages
- Collection and delivery anywhere in mainland EU, Norway or Switzerland
- Repair and return within 10 working days from collection
- Loan unit if repair cannot be carried out in time.

## Optional accessories

### Projector replacement lamps

LMP-P202 (for VPL-PX11/PX15)  
LMP-P260 (for VPL-PX40)

### Projection lenses

VPLL-CW10 (Short focal converter lens for VPL-PX11/PX15)  
VPLL-CT10 (Long focal converter lens for VPL-PX11/PX15)  
VPLL-FM22 (Short focal lens for VPL-PX40)  
VPLL-ZM102 (Long focal lens for VPL-PX40)

### Suspension support

PSS-610 (Ceiling Mount)

### Signal cables

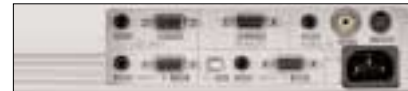
SMF-400 (HD D-sub 15-pin to 5 BNC, for RGB signal)  
SMF-402 (HD D-sub 15-pin to phono x 3, for component signal)  
SMF-410 (HD D-sub 15-pin to HD D-sub 15-pin, for RGB signal)

### Carry bag

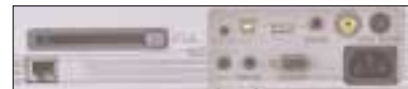
PSPX-Softcase (Carry bag for VPL-PX11/PX15)  
PXSeries-Softcase (Carry bag for VPL-PX40)

## Connector panels

### VPL-PX11



### VPL-PX15



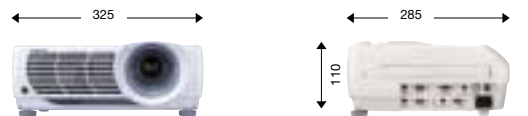
### VPL-PX40



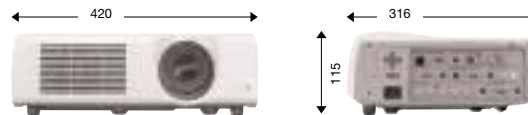
## Dimensions

### VPL-PX11/PX15

Unit: mm



### VPL-PX40



## Specifications

	VPL-PX11	VPL-PX15	VPL-PX40
<b>Optical</b>			
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)	0.99-inch-pSi TFT LCD panel with Micro Lens Array 2,359,296 pixels (786,432 pixels x 3)	
Projection lens	1.3 times manual zoom lens, F 1.7 to 2.1, f33.6 to 42 mm		1.3 times manual zoom lens, F 1.7 to 2.1, f37.6 to 48.8 mm
Lamp	200 W UHP Lamp (LMP-P202)		
Screen coverage	1 m to 7.5 m (viewable area, measured diagonally)		265 W UHP Lamp (LMP-P260) 1 m to 7.6 m (viewable area, measured diagonally)
Light output	2000 ANSI Lumen*1		3500 ANSI Lumen*1
<b>Signals</b>			
Colour system	PAL, SECAM, NTSC, NTSC 4.43, PAL-M, PAL-N		
Resolution	Video: 750 TV lines, RGB: 1024 x 768 pixels (native)		
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	RGB (fH: 19 to 92 kHz, fV: 48 to 92 Hz), 15 kHz component 50/60 Hz system, composite video, Y/C video	
<b>General</b>			
Cabinet colour	Silky Silver/Twilight Blue		White/Silver
Speaker	Max. 2 W x 2 (Stereo)	Max. 0.5 W x 2 (Stereo)	Max. 2 W x 2 (Stereo)
Power requirements	AC 100 to 240 V, 50/60 Hz		
Power consumption	Max. 290 W, Standby 4.7 W	Max. 300 W, Standby 4.2 W, Standby in Network Mode: 9 W	Max. 365 W, Standby 6 W
Operating temperature	0 to 35 °C		
Operating humidity	35 to 85 %		
Dimensions *2	325 (W) x 110 (H) x 285 (D) mm		420 (W) x 115 (H) x 316 (D)
Mass	Approx. 4.9 kg	Approx. 5.3 kg	Approx. 7.5 kg
Heat dissipation	1023.9 BTU		1246 BTU
<b>Inputs / Outputs</b>			
VIDEO IN	• Composite • Y/C IN • Audio In	Phono type Mini DIN 4-pin Stereo mini Jack	
INPUT A		RGB/Component	
INPUT B		10BASE-T/100BASE-TX	RGB/Component
INPUT C		No	DVI-D
INPUT D		No	5 BNC
OUTPUT	RGB/Component	No	RGB/Component
Mouse Input	No	6-pin (female)	No
PC Card slot	Not available	PC Card slot Type II	Not available
USB/HUB	UP (B type female) x 1, No HUB	UP (B type female) x 1 Down (A type female) x 1	UP (female) x1 shared for all inputs
<b>Control</b>			
CONTROL S IN/ PLUG IN POWER	No	Stereo mini jack 5.0 Vp-p, plug in power DC 5 V	Stereo mini jack 5.0Vp-p, plug in power DC 5 V
RS-232C Port	D-sub 9pin (Female)	No	D-sub 9pin (Female)
Ethernet Port	No	RJ-45: 10BASE-T/100 BASE-TX (PJTalk2)	
<b>Safety Regulations</b>			
	UL, cUL, DHHS, DNHV, FCC class A, NEMKO, CE (LVD, EMC), C-Tick, CCIB, VCCI, JEITA		
<b>Supplied Accessories</b>			
	Remote Commander RM-PJM16*3 (VPL-PX15 and VPL-PX40 only)/RM-PJM12 (VPL-PX11 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 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, Lens Cap		

\*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



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