

SONY[®]

making **business** pleasure

Compact, Elegant and Efficient
to Match Your Business Style



VPL-CX4 / CS4

LCD Data Micro-Portable Projectors

Compact dimensions and outstanding performance make these projectors the preferred choice for executives and managers who demand perfection in their presentations.

The VPL-CX4 and VPL-CS4 are the latest additions to Sony's line up of high-quality micro-portable projectors. Compact and light enough to be easily carried, yet delivering images that are bright (1000 ANSI lumens*) and clear, they are ideal for handling presentations on the move. The VPL-CX4 provides XGA resolution and a full range of functions, as does VPL-CS4, which provides SVGA resolution.



Innovative style

The VPL-CX4/CS4 continue to set Sony's standards in visual styling with their simple and elegant external design. At the touch of a button, the front panel flips onto the top of the unit so that the operational controls now face upwards for convenient operation. Twin speakers, mounted on either side of the controls, are angled for optimum stereo imaging. A second panel on the side of the unit opens to reveal the input connectors.



Handy and bright

Despite their compact size, the VPL-CX4/CS4 achieve an excellent brightness of 1000 ANSI lumens by adopting highly efficient 0.7-inch LCD panels and a fly-eye lens. The VPL-CX4 provides true XGA (1024 x 768) resolution while the VPL-CS4 provides true SVGA (800 x 600) resolution. Weighing only around 2.4 kg (5 lbs., 5 oz.), both models are easy to carry in the supplied carrying bag, so their clear, brilliant images can be projected anywhere, anytime.



Quiet operation

Fan noise is minimized with a unique air discharge system, which positions the exhaust on the front of the unit. The projectors run very quietly as the discharged air is kept away from the audience during presentations. A Sony only feature!



Smart presentations

USB Compatibility and Projector Station Software (VPL-CX4 only)

The VPL-CX4 is USB-ready. Connecting a PC running Sony Projector Station™ software*1 to the USB port enables functions such as input selection and picture settings to be controlled from the PC. Also, when presentation materials are assigned in the software beforehand, they can be opened instantly with the two Function keys on the supplied remote control unit.



*1 Projector Station software requirements: Microsoft Windows® 98, Windows 98 SE, Windows Me or Windows 2000 operating system.

Useful Remote Control Unit

The VPL-CX4 is supplied with a RM-PJM11 remote control unit, which has an integrated mouse function for point-and-click control of your USB-connected computer. An alternative remote control unit, the card-size RM-PJ2, is supplied with the VPL-CS4. Both these control units are equipped with keys to control various functions, providing smooth, impressive presentations.



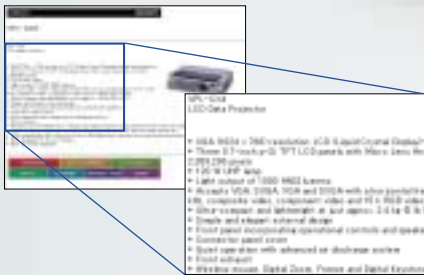
RM-PJ2



RM-PJM11

4-times Digital Zoom

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



Freeze-Frame Function

The Freeze-Frame function displays a freeze-frame image, so you can prepare or switch to the next image, while your audience sees only what you want them to see.

Simple setup

Various Inputs

Both the VPL-CX4 and VPL-CS4 have a built-in scan converter which accepts composite video, component video and RGB video input signals. The VPL-CX4 accepts PC signals up to SXGA, while the VPL-CS4 accepts signals up to XGA resolution.

Digital Keystone Correction

Keystone distortion of up to 15 degrees can be digitally corrected. Images can be projected with the correct geometry even where installation space is limited.

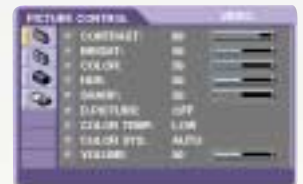


APA (Auto Pixel Alignment)

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

On Screen Display

The On-Screen Display for projector control is available in nine languages: English, French, Spanish, German, Italian, Portuguese, Japanese, Chinese and Korean. Its screen position and color can be altered, depending on user preference.



Specifications

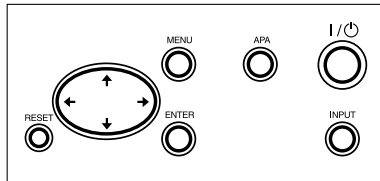
		VPL-CX4	VPL-CS4
OPTICAL	Projection system	3 LCD panels, 1 lens projection system	
	LCD panel	0.7-inch p-Si TFT LCD panel with Micro Lens Array, 2,359,296 pixels (786,432 pixels x 3)	0.7-inch p-Si TFT LCD panel with Micro Lens Array, 1,440,000 pixels (480,000 pixels x 3)
	Projection lens	1.2 times zoom lens, F1.8 to 2.2, f28.4 to 34.0 mm	
	Lamp	120 W UHP lamp	
	Screen coverage*1	40 to 150 inches	
	Light output	1000 ANSI lumens*2	
	Throwing distance (Screen size*1)		
	40-inch	1593 to 1845 mm	1586 to 1837 mm
	60-inch	2413 to 2789 mm	2402 to 2777 mm
	80-inch	3232 to 3733 mm	3217 to 3716 mm
100-inch	4051 to 4677 mm	4033 to 4656 mm	
120-inch	4870 to 5621 mm	4849 to 5596 mm	
150-inch	6099 to 7037 mm	6072 to 7005 mm	
SIGNALS	Color system	NTSC, PAL, SECAM, NTSC 4.43, 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: 19 to 92 kHz, fV: 50 to 92 Hz), 15 kHz component 50/60 Hz system, composite video, Y/C video	RGB (fH: 19 to 72 kHz, fV: 50 to 92 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. 190 W, Standby 5 W	
	Operating temperature	0 to 35 °C (32 to 95 °F)	
	Operating humidity	35 to 85 %	
	Dimensions*3	10 ⁷ / ₈ x 2 ⁵ / ₈ x 8 ¹ / ₂ inches (275 (W) x 65 (H) x 214 (D) mm)	
	Weight	Approx. 5 lb 5 oz (2.4 kg)	
	Heat dissipation	648.4 BTU	
	INPUTS / OUTPUTS	VIDEO IN	Phono, 1.0 Vp-p ±2 dB, sync negative, 75 Ω
Composite 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)	
Analog RGB/Component 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		
USB	Up (B type female)		
AUDIO IN	Stereo mini jack, 500 mV rms, impedance more than 47 kΩ		
SAFETY REGULATIONS	UL, and cUL listed, FCC Class B, IC Class B, NEMKO, CE (LVD), CE (EMC), C-Tick, CCIB		
SUPPLIED ACCESSORIES	Remote Commander® RM-PJM11 unit, Monitor Cable, USB Cable: A type to B type, CD-ROM (Application Software), Carrying Bag, Ferrite Core, AA size Battery (2), Air Filter, AC Power Cord, Operation Manual, Quick Reference Sheet	Remote Commander RM-PJ2 unit, Monitor Cable, Carrying Bag, Ferrite Core, CR2025 Battery, Air Filter, AC Power Cord, Operation Manual, Quick Reference Sheet	

*1 Viewable area, measured diagonally.

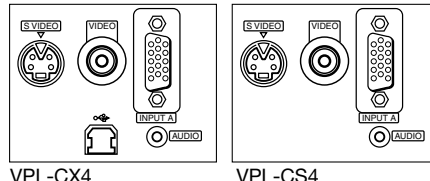
*2 ANSI lumen is a measuring method of the American National Standards Institute IT7.228.

*3 Excluding all protruding parts.

Control Panel



Connector Panel



Preset Data of Input Signals

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	S on G
4	15 K RGB/Component 50 Hz	15.625	50.000	S on G
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	640 x 400 PC-9801 Normal	24.823	56.416	N/N
9	VGA mode 2	31.469	70.086	N/P
10	VGA VESA 85 Hz	37.861	85.080	N/P
11	640 x 480 VGA mode 3	31.469	59.940	N/N
12	Macintosh 13"	35.000	66.667	S on G
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	69.955	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	70.019	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	C Neg
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	53.316	50.062	S on G
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

* Images may not be reproduced correctly when signals other than the above are input.

Optional Accessories

Projector Lamp (for replacement)

LMP-C121

Signal Cables

SMF-402

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

50-inch Portable Screen (viewable area measured diagonally)

VPS-50C*

* Not available in some areas.

For details, please contact your nearest Sony office.



LMP-C121

SONY

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