Ultra-portable
projectors
for people on the
move

this is not a rehearsal.
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SONY

Now there's one less thing to worry about when you're rushing to make that meeting or presentation. Just grab the VPL-CX1/CS2, and in the time it takes to plug in your notebook computer, you're ready to show your images anywhere. Improved versions of the popular VPL-CS1, the best-selling projector ever, these two new models are not only light and compact, they are packed with many impressive functions. Stylishly designed, they make operation easy with user-friendly menus and a versatile remote control.

Clear, bright, convenient presentations are always within your grasp.

Ultra-compact and Lightweight

With Sony 0.7-inch LCD panels and unique chassis, the VPL-CX1/CS2 comes in an extremely compact and light body, at just approximately 2.9 kg (6.4 lb). The attached handle and the carrying case make the unit easy to carry anywhere.

Brightness and Resolution

The VPL-CX1 employs three 0.7-inch, true XGA (1024 x 768) resolution LCD panels and offers 550 ANSI lumens brightness, while the VPL-CS2 employs three SVGA (800 x 600) LCD panels and achieves a brightness of 600 ANSI lumens. Images are reproduced with great clarity, letting your presentation look its best.

Remote Control Function

The supplied RM-PJM10 remote control unit has an integrated mouse receiver for point-and-click control of your connected computer. You can also control the 4-times Digital Zoom function with this remote control unit, zooming in on a section of the presentation for more detail.

Digital Keystone Adjustment

Keystone distortion caused by the projection angle can be electronically corrected, up to 15 degrees, via the on-screen menu. You will be able to project square and detailed images on to the screen even with limited setup space.

Advanced APA

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

Smart Design

The VPL-CX1/CS2 is designed for functionality as well as style. The front cover, which protects the lens from damage when carrying the unit, also serves as the front leg when flipped open. The rear height adjuster enables the projector's shooting angle to be tilted in six steps, allowing you to have the projector ready in position right away.

Easy Setup

The VPL-CX1/CS2 accepts a wide variety of input signals, with 37 preset signal formats covering any video format used worldwide 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.

On-screen Display

The on-screen display menu comes in seven languages: English, French, Spanish, German, Italian, Japanese and Chinese.

Low Fan Noise

Quiet operation for undisturbed, smooth presentations.

Stereo Speakers

Despite its compact size, the VPL-CX1/CS2 comes fully equipped with stereo speakers.

USB Compatibility and PROJECTOR STATION Software

The VPL-CX1/CS2 is USB-ready, and it serves as a USB hub for daisychain 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 you organise your presentation materials for quick access - you can open the files registered in the software with the function keys on the remote control unit.
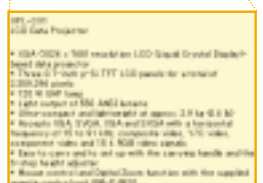
* PROJECTOR STATION version 2.0 software requirements: Microsoft® Windows® 98, Windows® 98 SE or Windows® 2000 operating system.

Digital Keystone Adjustment

RM-PJM10

4-times Digital Zoom

PROJECTOR STATION version 2.0

Specifications

	VPL-CX1	VPL-CS2
OPTICAL		
Projection system	3 LCD panels, 1 lens projection system	
LCD panel	0.7-inch p-Si TFT LCD panel	0.7-inch p-Si TFT LCD panel
	2,359,296 pixels (786,432 pixels x 3)	1,440,000 pixels (480,000 pixels x 3)
Projection lens	1.3 times zoom lens, F1.7 to 2.1, f28.74 to 37.36 mm	
Lamp	120 W UHP lamp	
Screen coverage	40 to 150 inches (viewable area, measured diagonally)	
Light output	550 ANSI lumens*[1]	600 ANSI lumens
Throwing distance		
40-inch	1580 to 2020 mm	1580 to 2010 mm
60-inch	2400 to 3070 mm	2390 to 3060 mm
80-inch	3230 to 4120 mm	3210 to 4100 mm
100-inch	4050 to 5180 mm	4030 to 5150 mm
120-inch	4870 to 6230 mm	4850 to 6200 mm
150-inch	6100 to 7810 mm	6080 to 7780 mm
SIGNALS		
Colour system	NTSC, PAL, SECAM, NTSC4.43, PAL-M, PAL-N	
Resolution	VIDEO: 750 TV lines,	VIDEO: 600 TV lines,
	RGB: 1024 x 768 pixels	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 colour	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 4.2 W	
Operating temperature	0 to 35 °C (32 to 95 °F)	
Operating humidity	35 to 85%	
Dimensions*[2]	277 (W) x 70 (H) x 214 (D) mm (11 x 2⁷/₈ x 8¹/₂ inches)	
Mass	Approx. 2.9 kg (6 lb 6 oz)	
Heat dissipation	648.4 BTU	
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		
Analogue 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	
MOUSE IN	6-pin (female)	
USB HUB	Up (B type female) x 1, Down (A type female) x 1	
AUDIO IN	Stereo mini jack, 500 mV rms, impedance more than 47 kΩ	
SAFETY REGULATIONS		
	cUL1950, EN60950, UL1950, CCIB, FCC class B, IC class B, CE, C-Tick, VCCI B	
SUPPLIED ACCESSORIES		
	Remote Commander RM-PJM10, Signal Cable SMF-410 (2 m): HD D-sub 15-pin to D-sub 15-pin, PS/2 Mouse Cable (2 m), USB Cable (2 m): A type to B type, USB Application Software PROJECTOR STATION version 2.0, Carrying Case, AA size Battery (2), Air Filter, AC Power Cord, Operation Manual, Quick Reference Sheet, Warranty Booklet, Conversion Plug Adaptor	

*[1] ANSI lumens is a measuring method of the American National Standards Institute IT7.228.
*[2] Excluding protruding parts.

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	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	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	53.516	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-C120

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)

50-inch Portable Screen
VPS-50C*

* Not available in some areas.
For details, please contact your nearest Sony office.

LMP-C120

Control Panel

Connectors

CA VPL-CX1/CS2/GB- 25/09/2000

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