

LCD  
3 PANEL

SONY



UPL-CX10/CS10

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SUPERLITE™ LCD DATA PROJECTOR



**Only from Sony: superb quality and brightness in a stylishly portable unit.**



The VPL-CX10 and VPL-CS10 projectors are ideal for various types of in-house meetings and presentations. You can carry them around (or install them, if you prefer), set them up quickly, and then use the supplied software and remote control for easy, effective presentations. Image quality is outstanding and their bright outputs (1,200/1,000 ANSI lumens\*) allow them to be used in large rooms with the lights on. They are stylishly designed, looking smart even when seen from the back. Handy features provide extra versatility and maximum quality at all times.



## Bright and Compact, Multi-Purpose Projectors

The VPL-CX10 and VPL-CS10 offer an excellent light output of 1,200 ANSI lumens\* and 1,000 ANSI lumens\* respectively. The units are small, and come equipped with an easy to carry handle. They can also be used in a variety of installation situations – for ceiling, floor or rear projection – so you can project your images in virtually any setting.

## High Image Quality

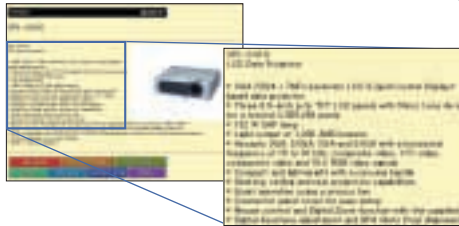
The VPL-CX10 provides true XGA (1024 x 768) resolution and the VPL-CS10 true SVGA (800 x 600) resolution, both utilizing three 0.9-inch LCD panels.

The details of the original images are maintained, while rich and natural colors are reproduced.



## 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  $\pm 15$  degrees, via the on-screen menu. You will be able to project square and detailed images onto 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.

## Quiet Operation

With an innovative cooling structure using a sirocco fan, the VPL-CX10/CS10 operates with a low noise level, for undisturbed, smooth presentations.

## Simple Setup

Setting up the VPL-CX10/CS10 with a computer is very simple. The rear panel cover reveals only the cable connectors needed for typical computer presentations (AC cable connector and D-sub 15-pin connector) while covering up the rest of the connectors. Also, 37 preset signal formats cover all video formats used worldwide and PC signals up to SXGA, eliminating the trouble of complex adjustments.

## USB Compatibility and PROJECTOR STATION Software

The VPL-CX10/CS10 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 organize 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 systems.



PROJECTOR STATION Version 2.0

## On-screen Display

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

## Stereo Speakers

The VPL-CX10/CS10 comes fully equipped with stereo speakers to complement your presentation visuals.

# Specifications

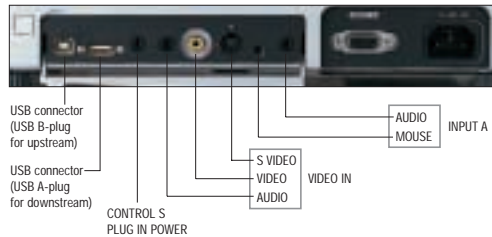
		VPL-CX10	VPL-CS10
<b>OPTICAL</b>	Projection system	3 LCD panels, 1 lens projection system	
	LCD panel	0.9-inch p-Si TFT LCD panel with Micro Lens Array 2,359,296 pixels (786,432 pixels x 3)	0.9-inch p-Si TFT LCD panel 1,440,000 pixels (480,000 pixels x 3)
	Projection lens	1.3 times zoom lens, F1.7 to 2.2, f33.6 to 42 mm	
	Lamp	132 W UHP lamp	
	Screen coverage	40 to 300 inches (viewable area, measured diagonally)	
	Light output	1200 ANSI lumens*1	1000 ANSI lumens
	Throwing distance		
	40-inch	1470 to 1770 mm	1470 to 1770 mm
	60-inch	2230 to 2680 mm	2230 to 2690 mm
	80-inch	3000 to 3600 mm	3000 to 3600 mm
100-inch	3760 to 4510 mm	3770 to 4520 mm	
120-inch	4530 to 5430 mm	4530 to 5440 mm	
150-inch	5670 to 6800 mm	5680 to 6810 mm	
200-inch	7590 to 9090 mm	7600 to 9100 mm	
300-inch	11410 to 13660 mm	11430 to 13690 mm	
<b>SIGNALS</b>	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 (H: 15 to 91 kHz, V: 43 to 85 Hz), 15 kHz component 50/60 Hz system, composite video, Y/C video	
<b>GENERAL</b>	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. 200 W, Standby approx. 5 W	
	Operating temperature	0 to 35 °C (32 to 95 °F)	
	Operating humidity	35 to 85%	
	Dimensions*2	285 (W) x 76 (H) x 249.5 (D) mm (11 1/4 x 3 x 9 7/8 inches)	
	Mass	Approx. 3.3 kg (7 lb 4 oz)	
	Heat dissipation	682.5 BTU	
	<b>INPUTS/OUTPUTS</b>	VIDEO IN	Phono type, 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	
SYNCH/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	INPUT A: Stereo mini jack, 500 mV rms, impedance more than 47 kΩ VIDEO: Stereo mini jack, 500 mV rms, impedance more than 47 kΩ		
<b>SAFETY REGULATIONS</b>	cUL1950, EN60950, UL1950, CCIB, FCC class B, CE, C-Tick, VCCI B		
<b>SUPPLIED ACCESSORIES</b>	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), Audio Visual Cable (2 m), USB Cable (2 m): A type to B type, USB Application Software PROJECTOR STATION version 2.0, AA size Battery (2), Air Filter, AC Power Cord, Operation Manual, Quick Reference Sheet, Warranty Booklet, Conversion Plug Adaptor, Lens Cap		

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

## Control Panel



## Connectors (with cover open)



## 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		SGL-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-C132**

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)

50-inch Portable Screen

**VPS-50C\***

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



LMP-C132

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