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VPL-CX2

XGA Micro-portable
LCD Projector

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Compact and quiet, and with XGA resolution, this LCD projector is a thorn

Offering excellent image quality from an ultra-compact body, the VPL-CX2 will quickly become an important part of your business arsenal. With high-performance LCD panels providing true XGA resolution, you'll impress your audience with eye-catching, high-clarity images. The smart, stylish design makes you look thoroughly professional, with quiet operation to make every presentation go smoothly. If success is your goal, this is your projector.



New, innovative style

The VPL-CX2 sets new standards in visual styling with its simple, yet sophisticated external design. At first glance it appears as a simple, smooth shape – no lens, no projector controls, no connectors. Then, at the touch of a button, the front panel flips on to 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 portable

The VPL-CX2 is ultra-compact and lightweight, weighing approximately 2.4 kg (5 lb 5 oz). Images with a brightness of 750 ANSI lumens* are projected with excellent picture quality from three 0.7-inch, true XGA (1024 x 768) resolution LCD panels. Its small size and light weight make the VPL-CX2 easy to carry in its supplied carrying bag, so that its clear and brilliant images can be projected anytime, anywhere.



oughly professional performer.



Quiet operation

Fan noise is reduced with a new air discharge system, with the exhaust positioned on the front of the unit. This means that the VPL-CX2 runs very quietly and the discharged air is kept away from the audience during presentations.

Smart presentations

Useful Remote Control Unit

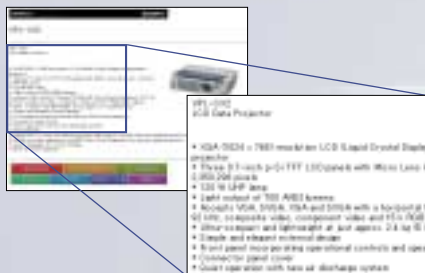
The supplied remote control unit, RM-PJ2, helps make presentations look smart and effective. It has dedicated buttons for the Digital Zoom and Freeze functions. Direct key control of Digital Keystone Adjustment is also possible with this card-size remote control unit.



RM-PJ2

4-times Digital Zoom

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



Freeze

The Freeze function displays a freeze-frame while preparing or switching to the next image.

Stereo Speakers

The VPL-CX2 is equipped with two speakers, heightening the effectiveness of the presentations by adding stereo audio.

Simple setup

Multiscan® Converter

The VPL-CX2 has a built-in Multiscan converter and accepts a variety of input signals: composite video, component video and RGB video, as well as PC signals up to SXGA. And with presets for 37 different signals, images can be reproduced in the most suitable signal mode in an instant.

Digital Keystone Correction

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)

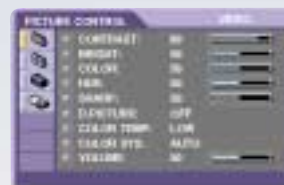
With APA, a single-button "press and play" operation ensures that the display is correctly sized and adjusted for optimum picture performance.

Height Adjuster

The projector's shooting angle can be adjusted using the height adjuster, providing flexible projector installation setup.

OSD

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



Specifications

VPL-CX2		
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 (786,432pixels x 3)
	Projection lens	1.3 times zoom lens, F1.8 to 2.2, f28.4 to 34.0 mm
	Lamp	120 W UHP lamp
	Screen coverage	40 to 150 inches (viewable area, measured diagonally)
	Light output	750 ANSI lumens*1
	Throwing distance (Screen size*2)	
40-inch	1593 to 1845 mm	
60-inch	2413 to 2789 mm	
80-inch	3232 to 3733 mm	
100-inch	4051 to 4677 mm	
120-inch	4870 to 5621 mm	
150-inch	6099 to 7037 mm	
SIGNALS	Color system	NTSC, PAL, SECAM, NTSC4.43, PAL-M, PAL-N
	Resolution	VIDEO: 750 TV lines, RGB: 1024 x 768 pixels
	Acceptable signals	RGB (fH: 15 to 92 kHz, fV: 48 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. 190 W, Standby 5 W
	Operating temperature	0 to 35 °C (32 to 95 °F)
	Operating humidity	35 to 85 %
	Dimensions	275 (W) x 65 (H) x 214 (D) mm (10 ⁷ / ₈ x 2 ⁵ / ₈ x 8 ¹ / ₂ inches)
	Weight	Approx. 2.4 kg (5 lb 5 oz)
	Heat dissipation	648.4 BTU
INPUTS / OUTPUTS	VIDEO IN	
	Composite	Phono, 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	
	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	Stereo mini jack, 500 mV rms, impedance more than 47 kΩ	
SAFETY REGULATIONS	UL1950, cUL (CSA No.950), FCC Class B, IC Class B, NEMKO (EN60950), CE (LVD, EMC), C-Tick, CCIB	
SUPPLIED ACCESSORIES	Remote Commander RM-PJ2, Monitor Cable, Carrying Bag, Ferrite Core, CR2025 Battery, Air Filter, AC Power Cord, Operation Manual, Quick Reference Sheet	

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

*2 Viewable area, measured diagonally.

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	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	SXI-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-C121

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

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

Signal 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-C121

SONY

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