

## Key Features

### **VPL-CX80 3000ANSI lm, Native XGA (1024x768) Resolution**

Adopting Sony unique Virtual Lighting Source System with Sony 0.79-inch LCD panel and new 165W lamp, and VPL-CX80 can reproduce bright images at 3000 ANSI lumen.



## Easy Setup and Operation

### **Short Focal-Length Lens, Power Focus, Power Zoom**

The short focal-length lens enables a large screen size from a short throwing distance. An 80-inch image can be projected from a distance of only 2.4 meters.

### **Advanced Intelligent Auto Setup**

As soon as the power is turned on, the projector initiates a host of sophisticated setup functions. The shooting angle can be set using the power-operated tilt adjuster via the supplied Remote Commander. The new setting is retained in memory and instantly recalled the next time the projector is used.

### **Powered Lens Protector**

When power is switched on, the powered lens protector opens automatically. No more wasted time looking for a missing lens cover; it's always on the projector.

### **Auto Keystone Correction**

Vertically keystone distortion is automatically corrected according to the tilt angle. Keystone distortion can be corrected up to 20 degrees.

### **Side Shot TM Horizontal Keystone Adjustment**

Side Shot digital horizontal keystone adjustment capabilities allow you to effortlessly align the picture at the press of a button. This technology allows you the convenience of placing the projector off-axis from the center of the screen when necessary.

### **Auto Input Search**

The VPL-CX80 automatically checks the projector's input connectors and selects the one to which an input signal is supplied. Images are projected from the moment the power is turned on. Vertically keystone distortion is automatically corrected according to the tilt angle. Keystone distortion can be corrected up to 20 degrees.

### **OFF&GO**

The VPL-CX80 incorporates a built-in circuit that continues to run its cooling fan after the power is cut. This feature allows you to unplug the projector and carry it away without waiting, because the fan continues to cool the unit.

Turn off the projector in accordance with the operating instructions. The projector should be cool before inserting into the carrying case.

## Effective Presentation

### **Quiet Operation**

The VPL-CX80 is an incredibly quiet projector considering its ability to produce a brightness of approximately 3000 ANSI lumens. The low fan noise is attributed to a highly efficient cooling system based on the latest technology from high-end home projector systems.

### **Various Inputs plus Monitor Out**

The VPL-CX80 is equipped with two HD 15-pin input connectors and one HD 15-pin output connector. The CX80 also has the variable audio out, so it is possible to control its volume with the projector's commander.

### **HDTV Ready**

The VPL-CX80 accepts wide signals of composite video, S video, video 6BR/Component 50/60Hz, Progressive Component 50/60Hz, DTV (480/60p, 575/50p, 540/50p, 720/60p, 720/50p, 1080/60i, 1080/50i) and as well as VGA, SVGA, XGA, SXGA and SXGA+ (60Hz) signals.

### **R5323 control**

This feature has been included for easy control and integration of this projector into advance systems, boardrooms and lecture halls.

## Security

### Control Panel Key Lock

The control panels on both the top and the side of the projector can be locked, preventing inadvertent or unauthorized adjustment of the controls.

### Password-Authentication System

Once a user sets a password, the projector cannot be used without it. This function prevents unauthorized use of the projector.

### Security Lock

It is possible to connect to an optional security cable such as Kensington's.

## General

### Selectable Lamp Wattage

The lamp wattage is selectable and can be run either in high or standard mode. Replacement lamp is LMP-C190.

### On Screen Multi-Language Setup Menu

The On-Screen Display for projector control is available in 15 languages: English, Dutch, French, Italian, German, Spanish, Portuguese, Russian, Swedish, Norwegian, Japanese, Chinese (Simplified), Chinese (Traditional), Korean, and Thai.

### Eco-friendly

When set to "On" in OSD menu "Power Saving" the VPL-CX80 goes into power saving mode if there is no operation for 10 minutes with no signal input.

### Freeze Function

The VPL-CX80 can freeze a picture when a signal from a PC is input. During the picture freeze, the presenter can operate the PC for setting up the next presentation file or images.

### Digital Zoom Function

Up to 4x digital zoom is available which can be controlled via the supplied Remote Commander unit. One section of the projected image can be zoomed in to show details of the image.

### Picture and Audio Muting Function

The VPL-CX80 can mute the picture and audio temporarily. It is useful for video presentation or class.

## Installation Flexibility

### Ceiling Mountable

The VPL-CX80 is designed for use in a variety of environments. Even with its compact design, it functions equally well when installed for ceiling or floor. The VPL-CX80 can be ceiling mounted. Screw holes on the bottom plate are provided for use with a suspension-type bracket.

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<b>Model Name</b>	<b>VPL-CX80</b>		
<b>Category</b>	Ultra Compact		
<b>Panel</b>	0.79-inch XGA LCD panel, 786,432 (1024 x 768) x3		
<b>Lens</b>	Zoom	12 times	
	F	1.6 to 1.78	
	f	f23.5 to 28.2mm	
<b>Lamp</b>	190W/150W UHP (Life 2000/3000H)		
<b>Screen Size</b>	40" to 300" (measured diagonally)		
<b>Keystone Correction Range</b>	Max. +/- 30 degrees vertically, +/- 20 degrees horizontally		
<b>Light Output</b>	3000/2200 ANSI lm (lamp mode high)		
<b>Throwing Distance*</b>	80-inch	2.4 to 2.7 m	
	100-inch	3.0 to 3.4 m	
<b>Resolution</b>	Video	750TV lines	
	RGB	1024x768	
<b>Acceptable Signals</b>	Computer	FH: 19-72kHz, FV: 48-92Hz (Up to 5XGA= (60Hz) 15kHz RGB/Component 50/60Hz. Progressive Component 50/60Hz DTV (480/60i, 575/50i, 480/60p, 575/50p, 540/60p, 720/60p, 720/50p, 1080/60i, 1080/50i) Composite video, Y/C video	
	Video		
<b>Colour System</b>	NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60		
<b>Speaker</b>	Mono		1W x 1, Mono
<b>Video Input</b>	S-Video	Y/C Mini DIN 4pin	
	Video	RCA pin jack	
	Audio	stereo mini jack	
<b>Input A</b>	RGB/Component	Analog RGB (HD D-sub 15 pin x 1)	
	Audio	stereo mini jack (A/B)	
<b>Input B</b>	RGB	Analog RGB (HD D-sub 15 pin x 1)	
	Audio	stereo mini jack (A/B)	
<b>USB</b>	Up x1, for mouse		
<b>Output</b>	RGB	Analog RGB (HD D-sub 15 pin x 1)	
	Audio	stereo mini jack (variable out)	
<b>Remote I/F</b>	RS-232C : 9 pin		
<b>Dimension (WxHxD)</b>	mm	328 X 92.6 X 268.8 mm	
	inch	13 x 3.8 x 11.3 inches	
<b>Weight</b>	kg	Approx. 3.8 kg	
	lbs	Approx. 8 lbs 4 oz	
<b>Power Requirements</b>	AC 100 to 240V, 2.8 - 12A, 50/60Hz		
<b>Power Consumption</b>	Max	280W	
	Standby	5W (Standard), 0.5W (Low)	
<b>Operating Temperature</b>	0 to 35 degrees Celsius (32 to 95 F)		
<b>Operating Humidity</b>	35% to 85% (no condensation)		
<b>Heat Dissipation</b>	921.3 BTU		
<b>Storage Temperature</b>	-20 to 60 degrees Celsius (-4 to 140 F)		
<b>Storage Humidity</b>	10% to 90%		
<b>Fan Noise**</b>	37 dB (High) / 28 dB (Low)		
<b>Installation</b>	Front / Rear / Ceiling		
<b>Filter Cleaning Time</b>	1000H		
<b>OSD (language)</b>	15-language (English, French, German, Italian, Spanish, Portuguese, Japanese, Chinese, Korean, Russian, Dutch, Norwegian, Swedish, Thai)		
<b>Safety Regulations</b>	UL1950, cUL (CSA No.60950), FCC Class B, IC Class B, DEMKO (EN60950), CE (LVD, EMC), C-Tick		
<b>Supplied Accessories</b>	Remote Commander (RM-PJM17), AA size batteries (2), HD D-sub 15 pin cable, USB cable A type-B type (1), Air filter (for replacement), Carrying Case, Operating instructions (CD-ROM), Quick reference manual, Security label (Warranty Booklet@local) (AC Power Cord, 2 pole @local)		