

# VPL-CX75

## Data Projector

# SONY®

## Key Features

### **High Brightness and High Picture Quality on VPL-CX75.**

The VPL-CX75 at 2500 ANSI lumens, native XGA resolution provides quality images and exceptional brightness.



## Easy Setup and Operation

### **Advanced Intelligent Auto Setup with Auto Focus**

Advanced Intelligent Auto Setup allows presentations to be started immediately. 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.

### **Auto Focus**

The focus is adjusted automatically. This convenient function is attributed to built-in cameras, which measure the distance. No more wasted time waiting the picture is displayed then adjusting the focus.

### **Memory Stick**

The VPL-CX75 offers a variety of features that make presentations smooth and smart. Photos and video clips can be run right from the VPL-CX75 projector using "Memory Stick™" media. This means there is no need for a PC. The system can directly project JPEG, including digital photo (DCF standard) and MPEG1\* movie formats. Projected images can be directly controlled with the RM-PJM17 Remote Commander unit. Microsoft PowerPoint presentations, BMP, and TIFF files can also be projected by converting them to JPEG files, using the supplied Projector Station for Presentation software application, and saving them to a "Memory Stick" media. The VPL-CX75 accepts standard size and dou Memory Stick media.

### **Quiet Operation**

The low fan noise is attributed to a highly efficient cooling system based on the latest technology from high-end home projector systems. By adopting this technology, the fan noise can be suppressed to approximately 30dB allowing for smooth, undisturbed presentations.

\* This noise level is achieved when the projector's lamp mode is set to standard.

### **Air Shot, easy-to-use Wireless Presentation**

The VPL-CX75 has a wireless transmission function, which eliminates the need for cable connections between a computer and the projector. This convenient feature makes it easy to switch presentations from one person to another - the presenter simply passes a USB wireless LAN module to the next presenter. It also allows mobility between a computer and the projector, so that you can pick up your computer and walk to another part of the room without fumbling with a cable.

### **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.

- Viewable area, measured diagonally
- The projection size that can be adjusted with the automatic focus adjustment is from 40-inch up to 150-inch.

## Easy Setup and Operation

### **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.

### **Powered Tilt Adjuster**

The VPL-CX75 offers a variety of features that make setup and operation quick and smart.

### **Auto Keystone Correction**

Vertically keystone distortion is automatically corrected according to the tilt angle. Keystone distortion can be corrected up to 20 degrees. This means images can be projected with correct geometry even when installation spaces is limited.

### **Auto Input Search**

The VPL-CX75 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. This means images can be projected with correct geometry even when installation spaces is limited.

### **Smart APA (Auto Pixel Alignment)**

The smart APA functions automatically size and adjust PC image displays for optimum picture performance allowing users to concentrate on their presentations, rather than time-consuming technical adjustments.

### **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.

### **OFF&GO**

The VPL-CX75 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.

### **Security Feature**

The Air Shot wireless feature offers a high level of security preventing cross-communication between projectors and PCs by using an encryption function, WEP (Wired Equivalency Protection). This secure transmission function is automatically set even in Simple Mode.

### **Multi-Connection Capability**

Up to five VPL-CX75 can be connected wirelessly, with the image from a single PC projected on each. This feature is ideal for large venues in which images have to be projected from various locations. In any of the various Air Shot configurations, including Simple Mode, LAN Configuration, and Multi-Connection Configuration.

- Sony cannot guarantee the security of wireless communications

### **LAN Connection Capability**

In office environments with a wireless LAN capability, the VPL-CX75 can be accessed via a wireless LAN access point and used by any PC on the LAN. This configuration is convenient for remote maintenance and control of the projector.

### **Web Browser Access**

VPL-CX75 projectors can be accessed via a web browser. The setup menu can be changed and maintenance information can be obtained via a user-friendly GUI. Requires Microsoft Internet Explorer 5.0 or later.

## Remote Control

Easy-to-Use Remote Commander Units The VPL- CX75 is supplied the RM-PJPI, which is very simple controls and a laser pointer, designed for presentations with the Air Shot features.

## Installation Flexibility

### **Ceiling Mountable**

The VPL-CX75 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-CX75 can be ceiling mounted. Screw holes on the bottom plate are provided for use with a suspension-type bracket.

## Air Shot

### Simple Mode

Air Shot simple mode is a revolutionary new way of presenting, allowing you to establish wireless communication between the projector and a PC and to instantly begin a presentation. This feature is easy to use even for those not familiar with setting up wireless network systems.

### Making Air Shot wireless presentations is as easy as 1, 2, 3!

1) Simply insert the wireless LAN card into the VPL-CX85, and turn on the projector.



2) Then, plug the USB wireless LAN module into your PC...



3) And voila! The image on your PC is automatically projected from the VPL-CX85.



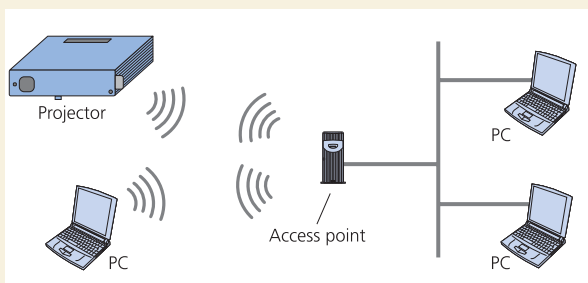
Note: The Projector Station for Air Shot software application must be installed on the PC the first time the projector's Air Shot feature is used. This can be done by simply plugging the USB storage media into your PC and following the "Setup Wizard" instructions on your PC display.<sup>5</sup>



<sup>5</sup> When using Windows XP or Windows 2000, the user must be logged into an account with computer administrator access.

### LAN Connection Capability<sup>6</sup>

In office environments with a wireless LAN capability, the VPL-CX85 can be accessed via a wireless LAN access point and used by any PC on the LAN. This configuration is convenient for remote maintenance and control of the projector.



<sup>6</sup> Simple mode cannot be used in this configuration. An IEEE 802.11b-compliant wireless LAN access point is required. Channels: 1 to 11. WEP: 128-bit (104) / 64-bit (40). Air Shot may not function properly in certain wireless LAN environments



### High-Speed Image Transfer

Wireless connections can sometimes introduce delays when transmitting images to the projector. However, the VPL-CX85 employs a Sony original compression and transmission technique allowing for smooth presentations with high-quality images.

### Security Feature

The Air Shot wireless feature offers a high level of security preventing cross-communication between projectors and PCs by using an encryption function, WEP (Wired Equivalency Protection).<sup>7</sup> This secure transmission function is automatically set even in Simple Mode.

<sup>7</sup> Sony cannot guarantee the security of wireless communications.

### Multi-Connection Capability<sup>8</sup>

Up to five VPL-CX75 data projectors can be connected wirelessly, with the image from a single PC projected on each. This feature is ideal for large venues in which images have to be projected from various locations.

<sup>8</sup> Simple mode cannot be used in this configuration. Up to 5 projectors can be connected to a single PC.

### Web Browser Access<sup>9</sup>

In any of the various Air Shot configurations, including Simple Mode, LAN Configuration, and Multi-Connection Configuration, all VPL-CX85 projectors can be accessed via a web browser. The setup menu can be changed and maintenance information can be obtained via a user-friendly GUI.

<sup>9</sup> Requires Microsoft Internet Explorer 5.0 or later.



# VPL-CX75

# Data Projector

## 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 between 165W and 135W in the menu.

### 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-CX75 goes into power saving mode if there is no operation for 10 minutes with no signal input.

### Freeze Function

The VPL-CX75 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-CX75 can mute the picture and audio temporarily. It is useful for video presentation or class discussions.

### Distributed by



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<b>Model Name</b>	<b>VPL-CX75</b>	
<b>Projection System</b>	3 LCD panels, 1 lens projection system	
<b>Panel</b>	0.79-inch XGA LCD panel, 786.432 (1024 x 768) x3	
<b>Lens</b>	<b>Zoom</b>	1.2 times
	<b>F</b>	1.6 to 1.78
	<b>f</b>	f23.5 to 28.2mm
<b>Lamp</b>	165/135W UHP	
<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>	2500/2000 ANSI lm (lamp mode high)	
<b>Throwing Distance*</b>	80-inch	2.4 to 2.7 m
	100-inch	3.0 to 3.1 m
<b>Resolution</b>	<b>Video</b>	750TV lines
	<b>RGB</b>	1024x768
<b>Acceptable Signals</b>	<b>Computer</b>	fH: 19-72kHz, fV: 48-92Hz (Up to SXGA= (60Hz)
	<b>Video</b>	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
<b>Colour System</b>	NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60	
<b>Speaker</b>	<b>Mono</b>	Mono 1W(max.)x1
<b>Input</b>	<b>RGB/Component</b>	Analog RGB (HD D-sub 15 pin x 1)
	<b>S-Video</b>	Y/C Mini DIN 4pin
	<b>Composite</b>	Composite video (RCA pin jack)
	<b>Audio</b>	stereo mini jack
	<b>USB</b>	Upstream (B type, x1)
	<b>Wireless LAN</b>	Wireless LAN card slot x 1
	<b>Memory Stick</b>	Memory Stick slot x 1
<b>Output</b>	NO	
<b>HDTV/DTV</b>	YES	
<b>Dimension (WxHxD)</b>	<b>mm</b>	298 X 69 X 243.5 mm
	<b>inch</b>	11.7 x 2.7 x 9.6 inches
<b>Weight</b>	<b>kg</b>	Approx. 2.9 kg
	<b>lb</b>	Approx. 6 lbs 4 oz
<b>Power Requirements</b>	AC 100 to 240V, 50/60Hz	
<b>Power Consumption</b>	<b>Max</b>	240W
	<b>Standby</b>	9W
<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>	819 BTU	
<b>Image Flip</b>	YES	
<b>Remote Commander</b>	KMPJPI / RMPJM17	
<b>Off &amp; Go</b>	YES	
<b>Security Lock (Kensington)</b>	YES	
<b>D. Zoom</b>	YES	
<b>Freeze</b>	YES	
<b>Security (by software)</b>	<b>Password</b>	YES
	<b>Panel Key Lock</b>	YES
<b>Picture Mode</b>	YES	
<b>Illumination Menu</b>	YES	
<b>High Altitude Menu</b>	YES	
<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>Laser</b>	<b>Laser Type</b>	Class 2
	<b>Wavelength</b>	640 - 660
	<b>Output</b>	1mW
<b>Supplied Accessories</b>	Remote Commander (RM-PJM17), AA size batteries (2), HD D-sub 15 pin cable, Soft case, Air filter, Carrying Case, Operating instructions (CD-ROM), USB Wireless LAN module : IFU-WLMI, USB Storage Media, Wireless LAN card : IFU-WLCI, Quick reference manual, Security label (Warranty Booklet@local) (AC Power Cord, 2 pole @local)	

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