Incredible Brightness and a Convenient Wireless Capability – All Packed Into a Stylish and Compact Body

The VPL-CX75 and VPL-CX70 are the state-of-the-art compact projectors that boast incredible brightness of 2500 ANSI lumens and 2000 ANSI lumens respectively by adopting a newly developed 0.79-inch LCD panel and advanced optical technology. This XGA (1024 x 768) projector comes in a compact and stylish design that is suitable for almost every environment, including high ambient-light conditions. Clear presentations can be made in classrooms and meeting rooms with an average capacity of up to 50 people.

The VPL-CX75 and VPL-CX70 are easy to set up using the Intelligent Auto Setup feature that instantly readies your projector for use at the push of a button. The projector's Side Shot™ feature allows you to place the projector off-axis from the center of the screen. Furthermore, with a newly developed cooling system and fan, based on the latest technology used in consumer projectors, the VPL-CX75 and VPL-CX70 run very quietly so as not to disturb your presentations. If you're looking for an innovative compact projector, the VPL-CX75 and VPL-CX70 are the ideal choice.

Superb Brightness up to 2500 ANSI Lumens, Native XGA (1024 x 768) Resolution[1]

With an incredible brightness of 2500 ANSI lumens,[1] the VPL-CX75 is one of the brightest projectors in its class. This, coupled with the projector's native XGA (1024 x 768) resolution, provides outstanding image quality even in extremely high ambient-light conditions.

[1] ANSI lumen is a standard measuring method of the American National Standards Institute IT7.228. Since there is no uniform method of measuring brightness, specifications will vary among manufacturers.

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[2] image can be projected from a distance of only 2.4 meters. This feature is invaluable when room space is limited but dynamic presentations are required.

[2] Viewable area, measured diagonally.

Air Shot Wireless Presentations[3]

The VPL-CX75 has a wireless transmission function,[4] which eliminates the need for cable connections between PC and 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 PC and projector, so that you can pick up your PC and walk to another part of the room without fumbling with a cable.

[3] Requires the wireless LAN card, USB wireless LAN module, and the Projector Station for Air Shot software application, all of which are supplied accessories. This software application can be installed in a PC using the supplied USB Storage Media. If Microsoft® Windows® 98 SE operating system is being used, then a driver in

the CD-ROM must be installed so that the USB Storage Media can be used.
Hardware/Software Requirements:
Sony cannot guarantee the Air Shot feature will function properly on some computers even though the following requirements are satisfied.
CPU: Intel® Pentium® III 600-MHz processor or faster
Memory: 64 MB or more (128 MB or more is recommended). 128 MB or more is required when using Microsoft Windows XP
HDD: 10 MB or more
Resolution: VGA, SVGA, XGA, or SXGA
Color: 16-bit, 24-bit, or 32-bit color
OS: Microsoft Windows 98 SE / Windows ME / Windows 2000 / Windows XP (Home/Professional editions)

[4] This wireless transmission function complies with IEEE 802.11b (2.4-GHz frequency band). Transmission may slow or stop due to interference from devices such as microwave ovens, wireless medical equipment, or barriers. Animation effects and the slide show function in Microsoft PowerPoint® presentations can be used: however, transmission delays may occur if a large number of effects are performed at once or if several slides are turned at once. Wireless transmission should not be used with video. Applications that use DirectX® application programming interface may not be displayed properly.

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-CX75, 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-CX75.

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.[5]

[5] When using Windows XP or Windows 2000, the user must be logged into an account with computer administrator access.

High-Speed Image Transfer
Wireless connections can sometimes introduce delays when transmitting images to the projector. However, the VPL-CX75 employs a Sony original compression and transmission technique allowing for smooth presentations with high-quality images.

Low Fan Noise

The VPL-CX75 and VPL-CX70 are incredibly quiet projectors considering the ability to produce a brightness of approximately 2500 and 2000 ANSI lumens respectively. This 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[6] allowing for smooth, undisturbed presentations.

[6] This noise level is achieved when the projector's lamp mode is set to standard.

Stylish and Compact Design

At only 2.9 kg (6.4 lb) in weight and with a convenient carrying case, the VPL-CX75 and VPL-CX70 have the portability to go with you when you need it.[7] Its clean and simple design keeps commonly used controls and connectors at your fingertips, while concealing those used less frequently behind an easily accessible side panel that neatly slides open into the projector casing.

[7] Carrying case is supplied.

Easy-to-Use Remote Commander Units (RM-PJM17, RM-PJP1)

The VPL-CX75 is supplied with the handy Remote Commander units, the RM-PJM17 and RM-PJP1. The VPL-CX70 is supplied with RM-PJM17 Remote Commander unit. The RM-PJM17 is a full function remote, to control and set up the projector, while the RM-PJP1 has very simple controls and a laser pointer, design for presentations with the Air Shot feature.

RM-PJM17   RM-PJP1

Auto Focus[8]

The focus is adjusted automatically by the built-in Auto Focus module. No more wasted time waiting the picture is displayed then adjusting the focus.
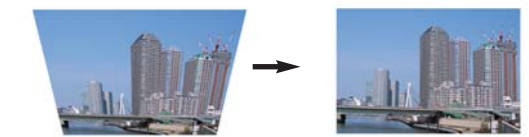
[8] The projection size that can be adjusted with the automatic focus is from 40-inch to 150-inch.

Intelligent Auto Setup Function

Intelligent Auto Setup allows presentations to be started immediately. As soon as the power is turned on, the projector initiates a host of sophisticated set-up functions.

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 and Auto Keystone correction
The shooting angle can be set using the power-operated tilt adjuster via the supplied Remote Commander unit. The new setting is retained in memory and instantly

recalled the next time the projector is used. Vertical 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 space is limited.

Powered tilt adjuster
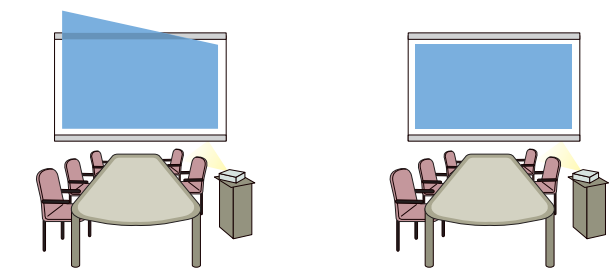

Auto keystone correction

Auto Input Search
The VPL-CX75 and VPL-CX70 automatically check 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.

Smart APA (Auto Pixel Alignment)
The Smart APA function automatically sizes and adjusts PC image displays for optimum picture performance allowing users to concentrate on their presentations, rather than time-consuming technical adjustments.

Side Shot™ 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.

Without Side Shot   With Side Shot

SPECIFICATIONS

Off & Go [9]

The VPL-CX75 and VPL-CX70 incorporate 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.

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

Various Inputs (Multiscan Converter)

The VPL-CX75 and VPL-CX70 come equipped with a scan converter to accept a wide variety of input signals – both computer images and video. For computer images, the VPL-CX75 and VPL-CX70 support signals ranging from VGA up to SXGA+ (1400 x 1050, fH 60 Hz), with horizontal frequencies of 19 to 92 kHz and vertical frequencies of 48 to 92 Hz. For video, it accepts component and composite signals, in addition to S-Video and RGB signals. Input signals with a variety of scanning lines, as well as interlace and progressive modes are supported.

Control Panel Key Lock

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

On Screen Multi-Language Setup Menu

The On-Screen Display for projector control is available in fifteen languages: English, Dutch, French, Italian, German, Spanish, Portuguese, Russian, Swedish, Norwegian, Japanese, Simplified Chinese, Traditional Chinese, Korean and Thai. Its position and color can be altered, depending on user preferences.

Ceiling Mountable

The VPL-CX75 and VPL-CX70 can be ceiling mounted. Screw holes on the bottom plate are provided for use with a suspension-type bracket.

Other Features

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

Selectable Lamp Wattage
The lamp wattage is selectable between 165W and 135W in the menu.

Freeze Function
The VPL-CX75 and VPL-CX70 can freeze a picture when a signal from a PC is input. During the picture freeze, the prsenter 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 and VPL-CX70 can mute the picture and audio temporarily.

	VPL-CX75	VPL-CX70
Optical		
Projection System	3 LCD panels, 1 lens projection system	
Panel	0.79-inch XGA LCD panel 2,359,296 pixels (786,432 pixels x 3)	
Projection lens	1.2 times F1.6 to 1.78, f23.5 to 28.2 mm	
Lamp	165/135 W UHP	
Screen coverage	40 to 300 inches (measured diagonally)	
Keystone Correction Range	Max. ±30° vertically, ±20° horizantally*	
Light Output	2500 ANSI lm (lamp mode high) (standard: approx. 2000 ANSI lm)	2000 ANSI lm (lamp mode high) (standard: approx. 1600 ANSI lm)
Signal		
Color System	NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60	
Resolution	Video	750 TV lines
	RGB	1024 x 768 pixels
Acceptable Signals	Computer	fH: 19-92 kHz, fV: 48-92 Hz (up to SXGA+ (fV: 60 Hz))
	Video	15 kHz RGB/Component 50/60 Hz, Progressive Component 50/60 Hz,
		DTV (480/60i, 575/50i, 480/60p, 540/60p, 575/50p, 720/60p, 720/50p, 1080/60i, 1080/50i), Composite video, Y/C video
General		
Speaker	Mono 1 W (max.) x 1	
Power Requirements	AC 100 to 240 V, 50/60 Hz	
Power Consumption	Max	240 W
	Standby	9 W (standard)	4 W (standard)
Operating Temperature	0 to 35 °C (32 to 95 °F)	
Operating Humidity	35% to 85% (no condensation)	
Dimensions (WxHxD)	mm	298 x 69 x 243.5
	inches	11.7 x 2.7 x 9.6
Mass	kg	Approx. 2.9 kg
	lb	Approx. 6.4lb
Heat Dissipation	819BTU	
Input/Output		
Video Input	S Video	Y/C Mini DIN 4-pin
	Composite	RCA pin jack
	Audio	Stereo mini jack
Input A	RGB/Component	Analog RGB/Component (HD D-sub 15 pin female x 1)
	Audio	Stereo mini jack
USB	Upstream (B type, female x 1)	
Wireless LAN	Wireless LAN card slot x 1	-
Memory Stick	Memory Stick media slot x 1	-
Safety		
Regulations	UL1950, cUL (CSA 60950), DHHS, DNHW, FCC Class B, IC Class B, DEMKO (EN60950), CE (LVD, EMC), C-Tick, Dentori, VCCI Class B	
Laser	Class II, 1 mW output	

* Horizontal and vertical keystone correction ranges are dependent on one another.
Maximum keystone correction may vary with input signal.