




VPL-CX20A DATA PROJECTOR

Key Features

High Brightness and High Picture Quality

At 2000 ANSI lumens, native resolution the VPL-CX20A produces excellent quality images. Adopting Sony's unique Virtual Lighting Source System with Sony 0.63-inch LCD panel and new 165W lamp.

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 measures the distance. No more wasted time waiting for the picture to be displayed and then adjusting the focus.

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 2.3 meters.

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

Easy Setup and Operation

Powered Tilt Adjuster

The VPL-CX20A 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 30 degrees.

Auto Input Search

The VPL-CX20A 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.

Smart APA (Auto Pixel Alignment)

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

OFF & GO

The VPL-CX20A 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.



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Effective Presentation

Various Inputs (Multiscan Converter)

The VPL-CX20A comes equipped with a scan converter to accept a wide variety of input signals – both computer images and video. For computer images, the VPL-CX20A supports signals ranging from VGA up to SXGA+ (1400x150, fh 60Hz). 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.

Easy-to-Use Remote Commander Units

The VPL-CX20A is supplied handy Remote Commander unit, the RMP-PJ3. The RMP-PJ3 is a full-function remote, to control and set up the 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-CX20A goes into power saving mode if there is no operation for 10 minutes with no signal input.

Freeze Function

The VPL-CX20A 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-CX20A can mute the picture and audio temporarily. It is useful for video presentation or class discussions.

Specifications

Projection System	3 LCD panels, 1 lens projection system		Power Requirements	AC 100 to 240V, 50/60Hz	
Panel	0.63-inch XGA LCD panel, 786,432 (1024 x 768) x3		Power Consumption	Max	220W
Lens	Zoom	1.2 times		Standby	0.8W
	F	1.6 to 1.78	Operating Temperature	0 to 35 degrees Celsius (32 to 95 F)	
	f	f23.5 to 28.2mm	Operating Humidity	35% to 85% (no condensation)	
Lamp	LMP C162	165/125W UHP	Heat Dissipation	819 BTU	
Screen Size	40" to 300" (measured diagonally)		Image Flip	NO	
Keystone Correction Range	Max. +/- 30 degrees vertically, +/- 20 degrees horizontally		Remote Commander	RPM-PJ3	
Light Output	2000/1500 ANSI lm (lamp mode high)		Off & Go	YES	
Throwing Distance*	80-inch	2.4 to 2.7 m	Security Lock (Kensington)	YES	
	100-inch	3.0 to 3.1 m	D. Zoom	YES 4 times	
Resolution	Video	750TV lines	Freeze	YES	
	RGB	1024x768	Security (by software)	Password	YES
Acceptable Signals	Computer	fh: 19-72kHz, fv: 48-92Hz (Up to SXGA= (60Hz)		Panel Key Lock	YES
	Video	15kHz RGB/Component 50/60Hz, Progressive Component 50/60Hz	Picture Mode	YES	
		DTV (480/60i, 575/50i, 480/60p, 575/50p, 540/60p	Illumination Menu	YES	
		720/60p, 720/50p, 1080/60i, 1080/50i)	OSD (language)	15-language (English, French, German, Italian, Spanish, Portuguese, Japanese, Chinese, Korean, Russian, Dutch, Norwegian, Swedish, Thai)	
		Composite video, Y/C video	Safety Regulations	UL1950, cUL (CSA No.60950), FCC Class B, IC Class B, DEMKO (EN60950), CE (LVD, EMC), C-Tick	
Colour System	NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60		Supplied Accessories	Remote Commander (PM-PJ3), AA size batteries (2), HD D-sub 15 pin cable, Carrying Case, Operating instructions (CD-ROM), Quick reference manual, Security label (Warranty Booklet@local) (AC Power Cord, 2 pole @local)	
Speaker	Mono	Mono 1W(max.)x1			
Input	RGB/Component	Analog RGB (HD D-sub 15 pin x 1)			
	S-Video	Y/C Mini DIN 4pin			
	Composite	Composite video (RCA pin jack)			
	Audio	stereo mini jack			
	USB	Uptream (B type, x1)			
	Wireless LAN	-			
	Memory Stick	-			
Output	NO				
HDTV/DTV	YES				
Dimension (WxHxD)	mm	273 X 52 X 210 mm			
Weight	kg	Approx. 1.9 kg			
	lb	Approx. 4 lbs 2 oz			



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