




VPL-CS20A DATA PROJECTOR

Key Features

The VPL-CS20A uses an improved Sony 0.62 inch LCD panel to achieve a high brightness of 2000 ANSI lumens for crisp clear presentations.

Short Focal-Length, and Zoom Lens

It is equipped with a zoom lens that has a focal length of 2.3m at 80-inches enabling large sized images to be projected, even in a limited space.

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.

Easy Setup and Operation

Powered Tilt Adjuster

The VPL-CS20A offers power tilt adjustment, with a simple push of a button the angle of the unit relative to the screen can be adjusted.

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.



Smart APA (Auto Pixel Alignment)

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

OFF & GO

The VPL-CS20A incorporates a built-in circuit that continues to run its cooling fan after the power is turned off. 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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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.

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 a Kensington lock.

Fan Noise

Fan noise has been reduced by improvement of the cooling system

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 on screen menu "Power Saving" the VPL-CS20A goes into power saving mode if there is no operation for 10 minutes with no signal input.

Freeze Function

The VPL-CS20A 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-CS20A can mute the picture and audio temporarily. It is useful for video presentation or class room applications.

Specifications

Projection System		3 LCD panels, 1 lens projection system
Panel		Super high aperture 0.63-inch TFT LCD 1,440,000 pixels (480,000 pixels x3)
Lens	Zoom	1.2 times
	F	2.2 to 2.4
	f	f18.0 to 21.6mm
Lamp	LMPC162	165W/135W UHP
Screen Size		40" to 300" (measured diagonally)
Throwing Distance*	40-inch	1.1 to 1.4 m (3.6 to 4.6 feet)
	60-inch	1.7 to 2.1 m (5.6 to 6.9 feet)
	80-inch	2.3 to 2.8 m (7.5 to 9.2 feet)
	100-inch	2.9 to 3.5 m (9.5 to 11.5 feet)
	120-inch	3.5 to 4.2 m (11.5 to 13.8 feet)
	150-inch	4.4 to 5.3 m (14.4 to 17.4 feet)
	200-inch	5.9 to 7.0 m (19.4 to 23 feet)
	300-inch	8.8 to 10.6 m (28.9 to 34.8 feet)
Light Output		2000 ANSI lm (lamp mode high) (Standard: Approx. 1500 ANSI lm)
Resolution	Video	600TV lines
	RGB	800x600
Acceptable Signals	Computer	fH: 19-72kHz, fV: 48-92Hz
	Video	15kHz RGB/Component 50/60Hz, Progressive Component 50/60Hz DTV (480/60i, 575/50i, 1080/60i, 480/60p, 575/50p, 1080/50i, 720/60p, 720/50p, 540/60p) Composite video, Y/C video
Colour System		NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60
Speaker	Mono	Mono 1W(max.)x1
Input	RGB/Component	Analog RGB (HD D-sub 15 pin x 1)
	S-Video	S-Video (Mini DIN 4pin x 1)
	Composite	Composite video (RCA pin x 1)
	Audio	mono (stereo mini x 1)
	USB	NO

Output		NO
HDTV/DTV		YES
Dimension (WxHxD)	mm	273X52X210 mm
Weight	kg	Approx. 1.9kg
Power Requirements		AC 100 to 240V, 50/60Hz
Power Consumption	Max	220W
	Standby	0.8W
Operating Temperature		0 to 35 degrees Celsius (32 to 95 F)
Operating Humidity		35% to 85% (no condensation)
Heat Dissipation		853.1 BTU
Fan Noise**		32 dB (lamp mode standard)** (41 dB when the lamp mode is high.)* **
Image Flip		NO
Remote Commander		RMPJ3
Off & Go		YES
Security Lock (Kensington)		YES
D. Zoom		YES, 4 times
Freeze		YES
Security (by software)	Password	YES
	Panel Key Lock	YES
Picture Mode		Dynamic/Standard
Illumination Menu		YES
OSD (language)		15-language (English, French, German, Italian, Spanish, Portuguese, Japanese, Chinese, Korean, Russian, Dutch, Norwegian, Swedish, Thai)
Safety Regulations		UL60950, oUL (CSA No.60950), FCC Class B, IC Class B, NEMCO (EN60950), CE (LVD, EMC), C-Tick
Supplied Accessories		Remote Commander (RM-PJ3), Lithium batteries, HD D-sub 15 pin cable, Soft case, Air filter, Operating instructions (CD-ROM), Quick reference manual, Security label

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