

SONY

LCD Data Projector
VPL-XC50U



Ultra Portability at 3.7 kg (8 lb 2 oz), True XGA Resolution, 600 ANSI Lumens, APA (Auto Pixel Alignment), Durable Magnesium Diecast Body, Remote Control with Mouse Control and Laser Pointer

FEATURES

PICTURE PERFORMANCE

True XGA Resolution

By adopting three 0.9-inch XGA panels, the VPL-XC50U offers true XGA resolution of 1024 x 768 pixels for RGB input and 750 horizontal TV lines for video input. When high resolution is a must, the VPL-XC50U delivers.

Multiscan Capability

With new bilinear interpolation technology, the VPL-XC50U displays a wide range of signals, up to SXGA (fH: 91 kHz), with astonishing clarity. To make the most of your presentation, this projector accepts a variety of input signals: Composite video, S-video and Component video, as well as RGB signals.



Control Panel

PERSUASIVE PRESENTATIONS

High Brightness Level of 600 ANSI Lumens

Despite its compact body, the VPL-XC50U delivers a high brightness level of 600 ANSI lumens. Thanks to Sony's original 0.9-inch p-Si XGA panels with micro lens array and an innovative optical system, your presentations will be easy to view, even in a normally lit room.

APA (Auto Pixel Alignment)

Pixel alignment is automated. Just press the APA key and innovative Sony technology detects the signal and adjusts for optimum image quality.

Simple Set-up

With 38 preset signal formats, the VPL-XC50U is capable of recognizing a wide range of input signals. Simply plug in your PC and project — you get a great picture without time consuming set-up.

User Friendly Menus

On-screen menus in a choice of seven languages (English, French, Spanish, German, Italian, Japanese, and Chinese) make this projector as easy to operate as it is to set up.

Stereo Speakers

To provide great sound that matches your brilliant images, the VPL-XC50U is equipped with built-in stereo speakers.

A TRULY DURABLE PORTABLE PROJECTOR

Portability

The VPL-XC50U is extremely lightweight at just 3.7 kg (8 lb 2 oz). The built-in carrying handle provides even greater portability.

Durability

The magnesium diecast body protects your VPL-XC50U from the hard knocks of the road. At the same time, the built-in lens shutter protects the zoom lens and ensures that you never again misplace the lens cap.



Connector Section

SPECIFICATIONS

OPTICAL

Projection system:	3 LCD panels, 1 lens projection system
LCD panel:	0.9-inch p-Si TFT LCD panel with Micro Lens Array 2,359,296 pixels (786,432 pixels x 3)
Projection lens:	1.2 times zoom lens, F2.0 to 2.3, 136.0 to 43.5 mm
Lamp:	120 W UHP
Screen coverage:	40 to 150 inches (viewable area, measured diagonally)
Light output:	600 ANSI ^{*1} lumens
Throwing distance:	40 inch: 1,540 to 1,830 mm (60 3/4 to 72 1/8 inches) 60 inch: 2,350 to 2,770 mm (92 5/8 to 109 1/8 inches) 80 inch: 3,160 to 3,720 mm (124 1/2 to 146 1/2 inches) 100 inch: 3,970 to 4,660 mm (156 3/8 to 183 1/2 inches) 120 inch: 4,780 to 5,600 mm (188 1/4 to 220 1/2 inches) 150 inch: 6,000 to 7,010 mm (235 1/8 to 275 21/32 inches)

GENERAL

Color system:	NTSC/PAL/SECAM/NTSC _{4.43} /PAL-M
Resolution:	750 TV lines (video); 1,024 x 768 pixels (RGB)
Scanning frequency:	RGB: 1H 15-91 kHz; 1V: 50-85 Hz; 15 K component 50/60 Hz system composite video, Y/C video
Speaker:	Max. 0.5 W x 2 (stereo)
Power requirements:	AC 100 to 120 V, 220-240 V, 50/60 Hz (UL listed for 120 V operation, CE approved for 220-240 V operation) 190 W (Max.), 5 W (Standby)
Power consumption:	190 W (Max.), 5 W (Standby)
Heat dissipation:	648.37 BTU
Dimensions:	107 (W) x 218 (H) x 314 (D) mm (4 1/4 x 8 1/4 x 12 3/8 inches)
Weight:	3.7 kg (8 lb 2 oz)
Operating temperature:	0 to 40°C (32 to 104°F)
Operating humidity:	35 to 85%

INPUTS/OUTPUTS

Video in	
Composite:	Phono type, 1.0 Vp-p ±2 dB, sync negative, 75 Ω
S video:	mini DIN 4 pin
Y:	1.0 Vp-p ±2 dB, sync negative, 75 Ω
C:	Burst 0.286 Vp-p ±2 dB (NTSC), 75 Ω; 0.3 Vp-p ±2 dB (PAL), 75 Ω
Input A:	HD D-sub 15 pin (female)
Analog RGB/Component	
R/R-Y:	0.7 Vp-p ±2 dB positive, 75 Ω
G:	0.7 Vp-p ±2 dB positive, 75 Ω
G with sync/Y:	1.0 Vp-p ±2 dB sync negative, 75 Ω
B/B-Y:	0.7 Vp-p ±2 dB positive, 75 Ω
SYNC	
C Sync/HD	
Composite sync:	1 to 5 Vp-p high impedance, sync positive/negative
Horizontal sync:	1 to 5 Vp-p high impedance, sync positive/negative
VD	
Vertical sync:	1 to 5 Vp-p high impedance, sync positive/negative
Mouse in:	Square 13 pin (female)
Audio in:	Stereo mini jack, 500 mV rms, impedance more than 47 kΩ
Audio out:	Stereo mini jack, max. 1 V rms, when an input signal is 500 mV rms, impedance less than 5 kΩ

LASER BEAM

Laser type:	Class II
Wavelength:	645 nm
Output:	1 mW



SAFETY REGULATIONS

VPL-XC50U:	UL 1950, cUL 1950, FCC Class A, IC Class A, DHHS
VPL-XC50E/M:	EN 60 950, CE, C-Tick, EN 60 825-1

SUPPLIED ACCESSORIES

Remote commander RM-PJM600, Monitor cable SMF-401 (2 m): HD D-sub 15 pin to D-sub 15 pin cable, Macintosh[®] adaptor, Mouse cable (2 m) SIC-S20 (for Mac)/S22 (for PS/2), Audio visual cable (1.5 m), AA size battery (2), Strap for remote commander, AC power cord, Air filter, Operating manual, Quick reference sheet

OPTIONAL ACCESSORIES

Projector lamp (for replacement) LMP-600	
Carrying case VLC-SC50 ^{*2}	
Interface selector IFU-SC50	
Signal adaptor ADP-10	
Monitor cables:	SMF-400: HD D-sub 15 pin to 5 BNC cable, SMF-401: HD D-sub 15 pin to HD D-sub 15 pin cable
Signal cable:	SMF-402: HD D-sub 15 pin to RCA 3 pin cable
Mouse cables:	SIC-S20: for Mac, SIC-S21: for Serial, SIC-S22: for PS/2
Screens:	VPS-80C: 80-inch portable screen ^{*2} VPS-50C: 50-inch portable screen ^{*2}

^{*1} ANSI lumens is a measuring method of the American National Standards Institute IT7.228.

^{*2} Not available in some areas. For details, please contact your nearest Sony office.

©1999 Sony Electronics Inc.
Reproduction in whole or part is prohibited.
All rights reserved.
Sony is a trademark of Sony.
Features and specifications subject to change without notice.

Sony Electronics Inc.
Broadcast and Professional Company
1 Sony Drive
Park Ridge, NJ 07656
www.sony.com/professional

Printed in U.S.A.