

# SONY®

## LCD Data Projector **VPL-XC50**



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-XC50 offers true XGA resolution of 1024 × 768 pixels for RGB input and 750 horizontal TV lines for video input. When high resolution is a must, the VPL-XC50 delivers.

#### Multiscan Capability

With new bilinear interpolation technology, the VPL-XC50 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-XC50 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-XC50 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-XC50 is equipped with built-in stereo speakers.

### A TRULY DURABLE PORTABLE PROJECTOR

#### Portability

The VPL-XC50 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-XC50 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 × 3)
Projection lens:	1.2 times zoom lens, F2.0 to 2.3, f36.0 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/NTSC4.43/PAL-M
Resolution:	750 TV lines (video); 1,024 × 768 pixels (RGB)
Scanning frequency:	RGB: fH 15-91 kHz; fV: 50-85 Hz; 15 K component 50/60 Hz system composite video, Y/C video
Speaker:	Max. 0.5 W × 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)
Power consumption:	190 W (Max.), 5 W (Standby)
Heat dissipation:	648.37 BTU
Dimensions:	107 (W) × 218 (H) × 314 (D) mm (4 1/4 × 8 1/4 × 12 3/8 inches)
Mass:	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.