

SONY

# VPL-SC50U

ULTRA PERSONAL™ LCD PROJECTOR



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# GOT A PRESENTATION? GET ULTRA PERSONAL.

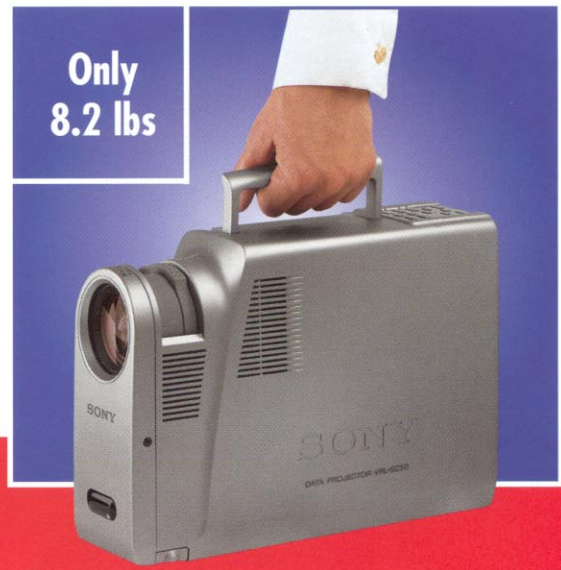
## SONY VPL-SC50U LCD PROJECTOR

Today, your presentations have to be more exciting. More detailed. More memorable and compelling. Your goal is to make an impact on a business audience whose expectations are higher—because visual information is more sophisticated.

Unfortunately, you'll often be presenting on the road: in client conference rooms, hotel suites, even executive offices. Which means you can't burden yourself with heavy, bulky equipment that takes time to set up.

Sony has the solution: our new VPL-SC50U Ultra Personal™ LCD Projector. At just 8.2 lbs., it's built to travel. It's easy to set up and operate. And it delivers brilliant, spectacular large-screen visuals.

For years, Sony's been helping business people project a better image. With our new Ultra Personal Projector, we'll also make it easier for you to get where you're going.



**ULTRA PERSONAL.** Just 8.2 lbs, the Sony VPL-SC50U Ultra Personal Projector is extremely portable. It even has a convenient carry handle—all designed to carry you into a new era of presentation portability.

**ULTRA BRIGHT IMAGES.** With 500 ANSI lumen brightness, you'll be able to project a brilliant, high-contrast image that looks great even in areas with ambient light.

**ULTRA HIGH RESOLUTION.** You'll see more detail thanks to Sony's true SVGA (800 x 600) resolution 0.9" LCD panels. And, because our 0.9" LCD panels are about 30% smaller than previous LCD panels, our projector design is ultra-compact.

**ULTRA DURABLE CONSTRUCTION.** The VPL-SC50U has a strong, lightweight magnesium alloy body, designed to stand up to rigorous road trips. Drop-down feet provide extra stability on table or desktop. And its built-in lens shutter keeps your zoom lens protected.







**Plug-and-Play operation:** with 22 input signal presets, just hook up your computer—Sony does the rest.

**INNOVATIVE OPTICS.** Your Ultra Personal Projector benefits from ultra-high-tech optical innovations—like Fly-Eye Light Integrators, that focus more light down the optical path to your screen. They smooth out hot spots, eliminate corner shading, and minimize color shifting.

**PLUG AND PROJECT.** The VPL-SC50U accepts a wide variety of input signals—with preset memory for 22 input signal formats. Just connect your computer with the supplied cable, and you'll get a great picture without the need for complex adjustments. And, unlike some other ultra portable LCD projectors, the VPL-SC50U has a zoom lens for greater set-up flexibility.

**REMOTE CONTROL.** Using your supplied RM-PJM600 Remote Commander® unit, you can make your presentation smooth and simple. With Laser Pointer function, you can direct your audience's attention anywhere on the screen. There's even a built-in mouse receiver, for point-and-click control of your connected computer.

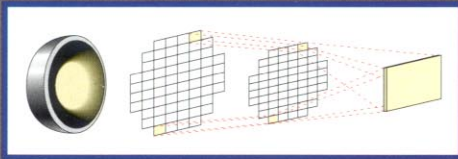
**USER FRIENDLY MENUS.** On-screen menus guide you every step of the way in controlling your projector—and in your choice of 7 languages: English, French, Spanish, German, Italian, Japanese, and Chinese.

**STEREO SPEAKERS.** Despite its compact size, the VPL-SC50U is equipped with built-in stereo speakers—so you can have sound to match your outstanding picture.



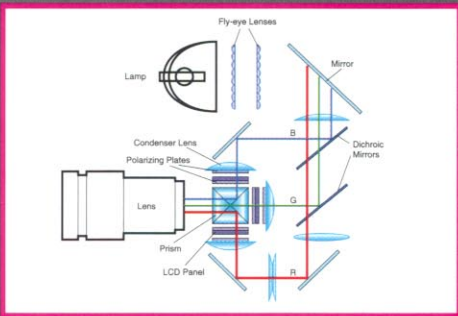


## LIGHT INTEGRATOR SYSTEM



The dual fly-eye type lenses uniformly integrate the light, presenting an evenly illuminated image without hot spots or color shading, and a precision prism block assembly and wide aperture distortion-free lens work to maintain uniform color and brightness.

## OPTICAL TECHNOLOGY



Even with the lights on, the optical unit in the VPL-SC50U delivers high brightness and a colorful picture, using three 0.9-inch panels to deliver true SGVA resolution at 500 ANSI lumens.

## SPECIFICATIONS

### OPTICAL

<b>Projection system:</b>	3 LCD panels, 1 lens projection system
<b>Picture tube:</b>	0.9-inch TFT LCD panel, 1,440,000 pixels (480,000 pixels x 3)
<b>Projection lens:</b>	1.2 X zoom lens, F2.5 to 2.79/f=32.8 to 39.4mm
<b>Lamp:</b>	120W UHP
<b>Screen coverage:</b>	40-inch to 150-inch (measured diagonally)
<b>Light output:</b>	500 ANSI lumen*

### GENERAL

<b>Color system:</b>	NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M (automatically/manually selected)
<b>Resolution:</b>	600 TV lines (video); 800 x 600 pixels (RGB)
<b>Scanning frequency:</b>	RGB: fH 24-57kHz; fV: 50-85 Hz; 15K component 50/60Hz system, composite video, Y/C video
<b>Speaker:</b>	Max. 0.5W x 2 (stereo)
<b>Power requirements:</b>	AC 100 to 120V, 200 to 240V, 50/60Hz
<b>Power consumption:</b>	190W (max), 2W (standby)
<b>Heat dissipation:</b>	648.37 BTU
<b>Dimensions:</b>	(whd): 4 1/4" x 8 5/8" x 12 3/8" (107x 218x 314mm)
<b>Weight:</b>	8 lb, 2 oz. (3.7kg)
<b>Operating temperature:</b>	32 to 104° F (0 to 40°C)
<b>Operating humidity:</b>	35 to 85%

### INPUTS/OUTPUTS

#### VIDEO IN:

<b>Composite:</b>	Phono type, 1Vp-p ± 2dB, sync negative, 75Ω
<b>S video:</b>	4-pin mini DIN; Y (luminance): 1Vp-p ± 2dB, sync negative, 75Ω C (chrominance): Burst 0.286Vp-p ± 2dB (NTSC) 75Ω; 0.3Vp-p ± 2dB (PAL), 75Ω

#### INPUT A:

<b>Analog RGB/Component:</b>	HD D-sub 15-pin (female) R/R-Y: 0.7Vp-p ± 2dB positive, 75Ω G: 0.7Vp-p ± 2dB positive, 75Ω G with sync/Y: 1Vp-p ± 2dB positive, 75Ω B/B-Y: 0.7Vp-p ± 2dB positive, 75Ω
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#### SYNC:

<b>C sync/HD</b>	Composite sync: 1.5Vp-p high impedance, sync positive/negative Horizontal sync: 1.5Vp-p, high impedance, sync positive/negative Width: Wider than the horizontal period (1H) VD: Vertical sync: 1.5Vp-p, high impedance, sync positive/negative Mouse IN: square 13-pin (female) Audio IN: Stereo mini jack, 500m Vrms, impedance less than 5kΩ
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#### AUDIO OUT

(variable out): Stereo mini jack, max. 1Vrms, when an input signal is 500mVrms, impedance less than 5kΩ

#### LASER BEAM:

<b>Laser type:</b>	Class 2	<b>Wavelength:</b>	670nm	<b>Output:</b>	1mW
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### SUPPLIED ACCESSORIES:

- RM-PJM600 Remote Commander Unit
- Monitor Cable: SMF-401(2m) x 1; HD D-sub 15-pin/HD D-sub 15-pin cable
- Macintosh® Adapter: x1
- Mouse cables (2m): SIC-S20/S22/S23 (J only); Macintosh®, PS/2, NEC PC-98 (J only)
- Audio-Visual Cable (1.5m)
- AA batteries (x2)
- Strap for Remote Commander Unit
- AC Power Cord
- Air Filter
- Quick Reference Sheet

### OPTIONAL ACCESSORIES:

- Projector Lamp (for replacement)
- VLC-SC550 Carrying Case
- IFU-SC50 Interface Selector
- Monitor Cables: SMF-400: D-sub HD 15-pin/5 BNC cable  
SMF-401: D-sub HD 15-pin/D-sub HD 15-pin cable
- Signal Cable: SMF-402: D-sub HD 15-pin/RCA PIN x 3 cable
- Mouse Cable: SIC-S20: for Mac  
SIC-S21: for Serial  
SIC-S22: for PS/2
- Screens: VPS-C60: 60-Inch Portable Screen  
VPS-C80: 80-Inch Portable Screen

\*ANSI lumen is a measuring method of the American National Standards Institute IT7.228

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**SONY**

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