

SONY®

LCD PROJECTOR

VPL-S900U



**1100 ANSI Lumens, True SVGA Resolution,
APA (Auto Pixel Alignment),
Unique Magnesium Diecast Body,
Remote Mouse Control and Laser Pointer,
Slim and Lightweight Portable Design**



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Specifications

Optical		
Projection system	3 LCD panels, 1 lens projection system	
LCD panel	1.3-inch p-Si TFT LCD panel with Metal Mask, 1,440,000 pixels (480,000 pixels x 3)	
Projection lens	1.3 times zoom lens, F 2.0 to 2.4, f 54 to 70 mm	
Lamp	120 W UHP	
Screen coverage*1	40 to 300 inches	
Light output	ANSI lumen*2 1100 lm	
Throwing distance*1	40-inch: 1570 to 2000 mm (61 7/8 to 78 3/4 inches) 60-inch: 2400 to 3040 mm (94 1/2 to 119 3/4 inches) 80-inch: 3240 to 4090 mm (127 5/8 to 161 1/8 inches) 100-inch: 4070 to 5130 mm (160 3/8 to 202 inches) 120-inch: 4900 to 6180 mm (193 to 243 3/8 inches) 200-inch: 8240 to 10360 mm (324 1/2 to 408 inches) 300-inch: 12410 to 15580 mm (488 3/4 to 613 1/2 inches)	

General		
Resolution Video	600 TV lines	
Resolution RGB	800 x 600 dots	
Acceptable signal	RGB (fH: 15-91 kHz, fV: 43-85 Hz), 15 KHz component 50/60 Hz system, Composite video, Y/C video	
Color system	NTSC, PAL, SECAM, NTSC4.43, PAL-M automatically / manually selected	
Speaker	Wide frequency range 3 speakers system Woofer: 57 mm (2 1/4 inches) diameter, Max. 1 W, Tweeter: 28 mm (1 1/8 inches) diameter, Max. 0.2 W x 2)	
Power requirements	100 to 120, 220 to 240 V, 50/60 Hz (UL listed for 120 V AC operation, CE listed for 220 to 240 V AC operation)	
Power consumption	Max.: 220 W, Standby: 2 W	
Heat dissipation	750.7 BTU	
Dimensions	(13 1/4 x 4 3/4 x 11 1/2 inches) 333 (W) x 120 (H) x 291 (D) mm - excluding lens, adjusters and protruding parts (13 3/8 x 5 3/8 x 12 3/4 inches) 339 (W) x 136 (H) x 322 (D) mm	
Weight	13 lb (5.9 kg)	
Operating temperature	32 to 104° F (0° to 40° C)	
Operating humidity	35 to 85 %	

Input/Output		
VIDEO IN	Composite video:	Phono type x 1, 1 Vp-p ±2 dB sync negative, 75 Ω
	S video:	Mini DIN 4-pin
	Y(Luminance): C(Chrominance):	1 Vp-p ±2 dB sync negative, 75 Ω Burst 0.286 Vp-p ±2 dB (NTSC), 75 Ω or 0.3 Vp-p ±2 dB (PAL), 75 Ω
	AUDIO IN:	Phono type x 2 (stereo), 500 mV rms, impedance more than 47 kΩ
INPUT A/B	Analog RGB/Component:	HD D-sub 15-pin (Female)
	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 Vp-p ±2 dB sync negative, 75 Ω
	B/Y:	0.7 Vp-p ±2 dB positive, 75 Ω

Features

- LCD-based portable presentation projector
- Three dual actuated 1.3-inch p-Si TFT LCD panels for true SVGA resolution (1,440,000 pixels)
- Output of 1100 ANSI lumens achieved through the use of metal mask technology on the LCD panels, high brightness projection lenses and a 120 W UHP lamp
- Excellent uniformity and accurate color reproduction with advanced technologies including fly eye light integrators and bilinear interpolation method of Advanced Scan Conversion (ASC)
- Handles VGA, SVGA, XGA* and SXGA* resolution with horizontal frequencies of 15 to 91 kHz as well as composite video, Y/C video and component video signals



Control Panel

INPUT A/B	SYNC:	HD D-sub 15-pin (Female)
	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: AUDIO IN:	Stereo Mini jack, 500 mV rms, impedance more than 47 kΩ
INPUT B	Monitor out:	HD D-sub 15-pin (Female)
	Video signal:	Gain unity
	Sync signal:	4 Vp-p, high impedance / 1 Vp-p, 75 Ω
AUDIO OUT (Variable out)	Stereo Mini jack, Max. 1 V rms, when an input signal is 500 mV rms, impedance less than 5 kΩ	

Safety regulations

VPLS900U:	UL1950 and cUL1950 listed, FCC Class-A, IC Class-A, DHHS (Laser)
VPLS900M:	EN 60 950, CE, C-Tick, EN 60 825-1(Laser)

Laser beam

Laser type	Class II	
Wave length	645 nm	
Output	1 mW	

Supplied accessories

Remote control unit	RM-PJ600	
Video signal cable (2 m)	SMF-401	HD D-sub 15-pin to HD D-sub 15-pin
Mouse cables (2 m)	SIC-S20	for Macintosh® computers
	SIC-S21	for Serial
	SIC-S22	for PS/2 computers
Audio visual cable (1.5 m) / AA size battery (2) / Strap for remote control unit AC power cord / Air filter / Lens cap / Front cover / Operating manual Installation manual / Quick reference sheet / Warranty card (U model) Macintosh adaptor		

Optional accessories

Projector lamp	LMP-600	for replacement
Suspension support	PSS-600	
Infrared remote control receiver	RM-PJ10	
Carrying case	VLC-600*3	
Monitor cables	SMF-400	HD D-sub 15-pin to 5 BNC
	SMF-401	HD D-sub 15-pin to HD D-sub 15-pin
	SMF-402	HD D-sub 15-pin to RCA 3-pin cable
Mouse cables (2 m)	SIC-S20	for Macintosh computers
	SIC-S21	for Serial
	SIC-S22	for PS/2 computers
Signal adaptor	ADP-20	Macintosh to HD D-sub 15-pin
Projection lenses	VPLL-ZM100	2 times zoom long focus lens
	VPLL-FM20	Fixed short focus lens
	VPLL-FM30	Fixed short focus lens
	VPS-80C	80-inch portable screen*3
Screens*1	VPS-50C	50-inch portable screen*3
	VPS-100FH	100-inch flat screen*3
	VPS-120FH	120-inch flat screen*3

*1 Viewable area, measured diagonally.

*2 ANSI lumen is a measuring method of American National Standards Institute ANSI I17.228.

*3 Not available in some areas.

- Simple setup using 38 preset data and unique APA (Auto Pixel Alignment) function
- Input B or Monitor out function easily switchable
- Slim, contoured magnesium diecast body
- Seven-language on-screen display: English, French, German, Italian, Spanish, Japanese or Chinese
- Grip-contoured remote control unit RM-PJM600 with laser pointer and mouse control function
- Desktop or ceiling mounted, front or rear projection
- Optional lenses available to project optimum images on screens from 40 to 300 inches in size
- Built-in three-speaker stereo



RM-PJM600



Rear Panel

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