SONY®

LCD PROJECTOR
VPL-X1000

1000 ANSI Lumens, True XGA Resolution,
APA (Auto Pixel Alignment),
Unique Magnesium Diecast Body,
Remote Mouse Control and Laser Pointer,
Slim and Lightweight Portable Design

Specifications

Optical

Projection system	3 LCD panels, 1 lens projection system
LCD panel	1.3-inch p-Si TFT LCD panel with Micro Lens Array and Metal Mask, 2,359,296 pixels (786,432 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] 1000 lm
Throwing distance[*1]	40-inch: 1560 to 1980 mm (61 1/2 to 78 inches) 60-inch: 2380 to 3020 mm (93 3/4 to 118 15/16 inches) 80-inch: 3210 to 4050 mm (126 1/2 to 159 1/2 inches) 100-inch:4040 to 5090 mm (159 1/8 to 200 1/2 inches) 120-inch:4860 to 6120 mm (191 3/8 to 241 inches) 200-inch:8170 to 10270 mm (321 1/4 to 404 1/2 inches) 300-inch:12300 to 15450 mm (484 3/8 to 608 3/8 inches)

General

Resolution Video	750 TV lines
Resolution RGB	1024 x 768 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	333 (W) x 120 (H) x 291 (D) mm (13 1/4 x 4 3/4 x 11 1/2 inches) - excluding lens, adjusters and protruding parts 339 (W) x 136 (H) x 322 (D) mm (13 3/8 x 5 3/8 x 12 3/4 inches)
Mass	5.9 kg (13 lb)
Operating temperature	0° to 40° C (32 to 104° F)
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):	1 Vp-p ±2 dB sync negative, 75 Ω
	C(Chrominance):	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/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/B-Y:	0.7 Vp-p ±2 dB positive, 75 Ω

INPUT A/B	SYNC: C Sync/HD:	HD D-sub 15-pin (Female)
	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
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

VPL-X1000U:	UL1950 and cUL1950 listed, FCC Class-A, IC Class-A, DHHS (Laser)
VPL-X1000M:	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
Screens[*1]	VPS-80C	80-inch portable screen[*3]
	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 IT7.228.
*3 Not available in some areas.

Features

- LCD-based portable presentation projector
- Three dual actuated 1.3-inch p-Si TFT LCD panels for true XGA resolution (2,359,296 pixels)
- Output of 1000 ANSI lumens achieved through the use of metal mask and micro lens array 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

- 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

* Converted images.

RM-PJM600

Rear Panel

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