

VPL-VW100/P

High Definition SXR D Video Projector

SONY

SXR D

In response to strong demand from professional customers, Sony is proud to introduce the VPL-VW100/P professional SXR D™ HD Projector.

The power of SXR D™ technology delivers a whole new level of projector performance for professional venues. With a contrast ratio up to 15,000:1*, and the Advanced Iris function that dynamically adjusts video images according to the level of the input signal, the VPL-VW100/P provides a picture quality that rivals even the best CRTs. The black levels are deep. The color range is wide and accurate. All with incredible 1920 x 1080 full HD 1080p detail.



VPL-VW100/P

Ideal for museums, mini-theaters, or virtually any controlled-lighting application, an ultra quiet fan and Lens Shift function provide flexible placement options. Smooth, film-like picture quality and excellent response to fast motion allow the VPL-VW100/P to be the centerpiece of any video system. And its elegant design fits into just about any room decor.

*With Advanced Iris ON

KEY FEATURES

- Supports Full HD 1080p with three SXR D 1920 x 1080 chips
- Up to 15000:1 Contrast Ratio (Advanced Iris ON)
- Full HD 1080p Input
- Quiet operation with low fan noise (22dB)
- Pure Xenon Lamp (400W) for accurate and natural color
- Advanced Iris Function (Auto, On, Off)
- 1.8X Zoom
- Blanking function allows the user to add an adjustable black frame over unusable portions of the image
- Lens Shift
- RCP (Real Color Processing) Function (User 1, 2, 3 and Off)
- User Selectable OverScan Function (choice of ON or OFF)
- PC Input (D-sub 15)¹ Front Projection

¹ For supported resolutions and timings, please refer to user's manual.



Front Panel View

SPECIFICATIONS

VPL-VW100/P	
Optical Characteristics	
Projection System	3-SXRD panel, 1 lens projection system
Panel Type	.61-inch SXRD™ panel with 6,220,800 total pixels
Lens	f1 8.7 to 33.7mm/F2.54 to 3.53
Lamp	400W xenon lamp
Contrast Ratio	Up to 15000:1 (with Advanced Iris Auto ON)
Screen Coverage	40 to 300 inches (Viewable area, measured diagonally)
Electrical Characteristics	
Color System	NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60
Display Resolution	1920 x 1080p
Acceptable Computer Signals	fH: 19 to 72 kHz, fV: 48 to 92 Hz, Maximum Resolution 1920 x 1080, fV: 60Hz
Acceptable Video Signals	15 kHz (RGB/Component) 50/60Hz, Progressive Component, 50/60 Hz, DTV (480/60i, 575/50i, 480/60p, 575/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p – HDMI/DVI-D input only, 1080/50p – HDMI/DVI-D input only) Composite video, Y/C video
Input/Output	
Video Input	Composite Video: Phono, S Video: Y/C Mini DIN 4-pin, Component: Phono
Input A (RGB)	Analog RGB: HD D-sub 15-pin (female)
Digital Input	HDMI™: Digital RGB/Y CB (PB) CR (PR), DVI-D(TMDS): Digital RGB
Network	RJ-45: 10BASE-T/100BASE-TX
Remote	RS-232C: D-sub 9 pin (female)
12V Trigger Input	Minijack
General	
Cabinet Color	Dark Gray
Power Consumption	610W (in operation) 10W (in Standby) 0.5W (in ECO mode)
Power Requirements	AC 100 to 240V, 0.8 to 1.95A, 50/60Hz
Operating Temperature	32 to 95 °F (0 to 35 °C)
Operating Humidity	35% to 85% (no condensation)
Dimensions (W x H x D)	19 1/2 x 6 7/8 x 22 5/8 inches (496 x 175 x 574mm)
Weight	41lbs 13oz (19kg)
Supplied Accessories	
Remote Commander® Unit RM-PJWV100, Size AA batteries (x2) for Remote Commander unit, AC Power Cord, CD-ROM (Image Director 2), Air Filter Cover, Operating Manual	
Optional Accessories	
LMP-H400 Xenon Replacement Lamp PSS-610//A Ceiling Mount	

Features and specifications are subject to change without notice.



LMP-H400
Xenon Replacement Lamp



Side Panel View

KEY TECHNOLOGIES

SXRD is a display technology developed by Sony engineers to meet and exceed the demands of a high definition image at its full 1080 line resolution. It is a 1920 x 1080p chip characterized by several key benefits – full HD resolution, smooth film-like image with minimal screen door effects, high response times (2.5ms rise and fall), high contrast ratios and accurate color rendition.

Pure Xenon lamp provides equal brightness output levels for all three primary colors – red, green and blue – used to create the trillions of colors that can be delivered. Natural and accurate color is reproduced with bottomless whites and spectacular reds.

Advanced Iris Function reproduces bright images and deep blacks by dynamically changing the opening of the iris according to the level of input signal.

Ultra Quiet Fan efficiently removes heat at a barely noticeable noise spec. Obtrusive fan noise is virtually eliminated to allow for flexibility in room placement.

ARC-F (All Range Crisp Focus) Lens delivers an 8% improvement in focus to the center of the screen and a 20% improvement in focus to the corner of the screen compared to previous Sony lenses.

RCP (Real Color Processing) allows the user to target specific colors on the picture and fine adjust their color and hue without changing the overall picture color and hue.

SONY®

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