

# 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)<sup>1</sup> Front Projection

<sup>1</sup> For supported resolutions and timings, please refer to user's manual.



Front Panel View

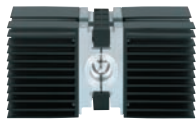
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## SPECIFICATIONS

VPL-VW100/P	
<b>Optical Characteristics</b>	
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)
<b>Electrical Characteristics</b>	
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
<b>Input/Output</b>	
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
<b>General</b>	
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)
<b>Supplied Accessories</b>	
Remote Commander® Unit RM-PJW100, Size AA batteries (x2) for Remote Commander unit, AC Power Cord, CD-ROM (Image Director 2), Air Filter Cover, Operating Manual	
<b>Optional Accessories</b>	
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.

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