

### Key Features

- Full HD 1080p with 3 SXRD™ 1920 x 1080 Panels
- Up to 35,000:1<sup>2</sup> Contrast Ratio (Advanced Iris On)
- Brightness of 1000 ANSI lumens<sup>3</sup>
- 200W Ultra-High-Pressure Lamp
- BRAVIA Engine™ fully digital video processor
- Advanced Iris 2
- 24p True Cinema™
- ARC-F (All Range Crisp Focus) Lens
- Noise reduction functions
- Panel Alignment function



### Key Technologies

**Full HD 1080p with 3 SXRD™ 1920 x 1080 Panels** Three SXRD 1920 x 1080p micro-display panels support Full HD 1080p resolution for an impressive combination of vivid color, film-like image quality, and high-definition brilliance. Enjoy cinematic-quality images.

**200W Ultra-High-Pressure Lamp** A 200W Ultra-High-Pressure Lamp delivers natural color with a brightness of 1000 ANSI lumens<sup>3</sup>.

**BRAVIA Engine™ fully digital video processor** BRAVIA Engine fully digital video processor uses a collection of unique Sony® algorithms to significantly reduce noise, enhance overall image detail, and optimize contrast so every scene produces sharp, vibrant, life-like images.

**Advanced Iris 2** The Advanced Iris 2 function provides up to a 35,000:1 contrast ratio<sup>2</sup> by optimizing both dark and bright scenes to produce deep black levels with stunning details.

**24p True Cinema™** 24p True Cinema technology provides a direct connection to 24p video sources so you can avoid conversions and enjoy films at their intended 24 fps (frames per second).

**ARC-F (All Range Crisp Focus) Lens** A specially developed ARC-F (All Range Crisp Focus) lens takes full advantage of the SXRD™ panels to deliver Full HD 1080p resolution with superior clarity and focus.

**Noise reduction functions** The VPL-VW60 features noise reduction functions that analyze scenes in real time to identify various types of noise and reduce unwanted artifacts, such as mosquito noise and block noise, without compromising the video signal.

**Panel Alignment function** The Panel Alignment function enables pixel alignment to within 1/10<sup>th</sup> of a pixel<sup>5</sup>, making it possible to adjust the gaps in the color of characters or the picture itself, for improved brightness, clarity, and detail.

**Anamorphic Zoom Mode** Anamorphic Zoom Mode works in conjunction with an optional anamorphic lens<sup>1</sup> to take full advantage of panel resolution and screen size for a true cinema experience.

**1.8x Zoom Lens** A 1.8x zoom lens provides a short focus distance and takes full advantage of Sony® SXRD™ technology to provide superior resolution and focus.

**Ultra Low Fan Noise 22dB** Exclusive Sony® -designed fan delivers efficient cooling and whisper-quiet operation (22dB).

**Motorized Lens Shift** Motorized Lens Shift provides vertical adjustments that allow the projector to be placed in different locations, expanding the projector's placement and installation options without distorting image quality.

**HDMI™ Inputs x 2** The VPL-VW60 offers two HDMI inputs (up to 1080/60p capable) that deliver uncompressed digital video and multi-channel audio over one cable (cable sold separately).

**Features**

General

Vertical Keystone: Yes  
 Standby Mode: Yes  
 High Altitude Mode: Off, On  
 Information Menu: Horizontal and Vertical frequency display  
 Acceptable Computer Signals: fH: 19 to 72 kHz, fV: 48 to 92 Hz, fV: 60 Hz  
 Input A: Auto, Computer, Component, Video GBR

Display

Display Technology: SXRD™ Technology

Video

Video Processing: BRAVIA Engine™ Technology  
 DRC® Palette Presets: Mode 1, Mode 2  
 Vertical Position: Yes  
 Dot Phase: Yes  
 Title Area Control: Yes  
 Film Mode: Yes  
 Acceptable Video Signals: Composite video, Y/C video, 15 kHz (RGB/Component) 50/60Hz; Progressive component 50/60 Hz; DTV (480/60i, 480/60p, 575/50i, 575/50p, 720/50p, 720/60p, 1080/50i, 1080/50p, 1080/60i), HDMI inputs only: 1080/60p, 1080/24p  
 10-bit Video Processing: Yes  
 3D Comb Filter: Yes  
 Lens Shift Function: H +/- 0.65 (Manual); V +/- 0.067 (Motorized)  
 Vertical Size: Yes

Convenience

Multiple Language Display: 15 languages (including English, French, Spanish, German and Chinese)  
 Power Save Mode: On, Off  
 Auto Input Search: Yes  
 Test Pattern: Yes  
 Image Flip: HV, H, V, Off  
 IR Receiver: Front & Rear, Front, Rear  
 Illumination: Off, On  
 Remote Control: Yes (RM-PJVV60)  
 BRAVIA® Theatre Sync™ : Yes (One-Button Home Theater Control (HDMI-CEC))

**Specifications**

General

Lens: f1 8.7 to 33.7 mm (x 1.8 zoom)/F2.54 to 3.53 mm  
 Projection Picture Size: 40" to 300" measured diagonally

Television Type: HD Front Projectors

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Display

Screen Size (measured diagonally): 40" to 300" measured diagonally (projected)  
 Native Resolution: 1080p  
 Display Resolution: 1920 x 1080 (Full HD)  
 Aspect Ratio: 16:9

TV System

Color System: Auto, NTSC, PAL, SECAM

Video

Contrast Ratio: Up to 35,000:1 (with Advanced Iris Auto ON)  
 Overscan: Yes  
 Brightness: 1000 Lumens

Inputs and Outputs

Component Video (Y/Pb/Pr) Input(s): 1 (Side)  
 Composite Video Input(s): 1 (Side) Vp-p+/-2 dB sync negative (75 ohms terminated)  
 S-Video Input(s): Y/C mini DIN 4-pin type, Y (luminance): 1 Vp-p+/-2 dB sync negative (75 ohms terminated) C (chrominance): burst 0.286 1 Vp-p+/-2 dB (NTSC) sync negative (75 ohms terminated) burst 0.3 1 Vp-p+/-2 dB (PAL) sync negative (75 ohms terminated)  
 PC Video Input(s): D-Sub15 and HDMI<sup>2</sup> (Side) fH: 19 to 72kHz / fV: 48 to 92 Hz / Maximum resolution (HDMI only): 1920 x 1080 fV: 60Hz  
 Remote Network Connection(s): 1 (Side) RS-232C: D-sub 9-pin (female)  
 HDMI™ Connection(s) (Total): 2 (Side) Digital RGB/Y/Cb(Pb)Cr(Pr) with PC timing support<sup>1</sup>  
 RS-232C Input(s): Yes  
 12V Trigger Output(s): 1 (1 Side) Mini Jack - Power On: DC 12V, output impedance: 4.7 kilohms Power Off: 0V

Power

Power Consumption (in Operation): 300W  
 Power Consumption (in Standby): 8W; 0.5W in low mode  
 Power Requirements: AC 100-240V, 1.3-3A, 50/60Hz

Operating Conditions

Operating Temperature: 5°C to 35°C (41°F to 95°F)  
 Operating Humidity: 35% to 85% (condensation)

Service and Warranty Information

Limited Warranty Term: Product Warranty - 2 Years Parts and Labor except the lamp. Lamp Warranty - 90 Days from date of purchase.

Dimensions

Weight: 24.25lbs (11kg)

Measurements: 15.55 x 6.83 x 18.56 in (395 x 173.5 x 471.4mm)

Supplied Accessories

Remote Control (RM-PJVV60)  
 Instruction Manual  
 AC Cord  
 CD ROM (Image Director 3)  
 Lens Cap  
 Size AA (R6) batteries x2

Optional Accessories

Ultra High Pressure Replacement Lamp (LMP-H200)  
 Black Ceiling Mount (PSS-610)

Color: Black Metallic  
 UPC Code: 027242714960

1. Anamorphic lens is not available from Sony.  
 2. 35,000:1 contrast ratio achieved with Advanced Iris Auto ON.  
 3. ANSI lumens is a measuring method of the American National Standards Institute I7.228. Since there is no uniform method of measuring brightness, specifications will vary among manufacturers.  
 4. BRAVIA Theatre Sync works with select Sony HDTVs, front projectors, and home theater products. Check owners' manuals for compatibility.  
 5. Pixel convergence to 1/10th inch is calculated as ±2.0dot by 0.1 dot pitch. Depending on the adjustments made, the number of display pixels may decrease. Also, colors may become uneven or the resolution may change.

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