

Key Features

- Full HD 1080p with 3 SXRD™ 1920 x 1080 Panels
- Up to 35,000:1¹ Contrast Ratio (Advanced Iris On)
- Brightness of 800 ANSI lumens
- Motionflow™ w/ Dark Frame Insertion technology
- 400W Xenon Lamp
- BRAVIA Engine™ PRO fully digital video processing
- Advanced Iris 2
- 24p True Cinema™
- x.v.Color™³
- Deep Color
- Noise reduction functions
- Panel Alignment function (Shift & Zone)



Key Technologies

Full HD 1080p with 3 High Frame Rate SXRD™ 1920x1080 Panels Three high frame rate SXRD™ 1920x1080p micro-display panels support Full HD 1080p resolution for an impressive combination of vivid color, film-like image quality, and high-definition brilliance. Enjoy images with outstanding cinematic quality and image smoothness.

Motionflow™ w/ Dark Frame Insertion Motionflow 120Hz with Dark Frame Insertion technology doubles the frame rate in video sources to reduce judder and deliver a smoother, sharper picture for a more fluid, natural viewing experience.

400W Xenon Lamp A Pure Xenon Lamp (400W) helps deliver natural and accurate color reproduction by providing equal brightness output levels for all three primary colors -- red, green, and blue -- used to create the billions of colors that can be produced.

BRAVIA Engine™ PRO BRAVIA Engine PRO 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 Advanced Iris 2 Function provides up to 35,000:1 contrast ratio² 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).

x.v.Color™ x.v.Color technology³ takes HD color expression to new levels. When connected to x.v.Color capable video sources, such as select Sony® camcorders, the VPL-VW200 can display nearly twice as many (1.8x) viewable colors as the existing RGB color standard, resulting in more natural, life-like images.

Deep Color By combining a 10-bit processor with 10-bit SXRD™ panels, the VPL-VW200 can create and display 64 times the level of color expression of 8-bit projectors, resulting in smoother color gradations and helping to avoid a "paint-by-numbers" look.

Noise reduction functions The VPL-VW200 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.

Features

General

Vertical Keystone: Yes
 Standby Mode: Yes
 Lens Control: Off, On
 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: Yes (BRAVIA Engine™ PRO)
 DRC® Mode: Mode 1, Mode 2, Off
 DRC® Palette Presets: Mode 1, Mode 2
 Vertical Position: Yes
 Horizontal Size: Yes
 Dot Phase: Yes
 Picture Shift Function: 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
 Micro Display Type: 0.61" chip (2,073,600 pixels per chip, 6,220,800 total pixels) High Frame Rate Acceptable
 10-bit Video Processing: Yes
 3D Comb Filter: Yes
 x.v.Color™ Technology: Yes
 Motionflow™ Technology: 120 Hz
 DRC® Version: Yes (DRC MF V2.5)

Convenience

Multiple Language Display: 16 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 (Backlit)
 BRAVIA® Theatre Sync™ : Yes (One-Button Home Theater Control (HDMI-CEC))

Specifications

General

Lens: f1 8.7 to 33.7 mm/F2.54 to 3.53 mm
 Projection Picture Size: 40" to 300" measured diagonally
 Television Type: HD Front Projectors

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: 800 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): 1 (Side)¹ fH: 19 to 72kHz / fV: 48 to 92 Hz / Maximum resolution: 1920 x 1080 fV: 60Hz
 Remote Network Connection(s): 1 (Side) RS-232C: D-sub 9-pin (female) RJ-45 10 BASE-T/100BASE-TX (For gamma adjustment using included ImageDirector2 software.)
 12V Trigger Input(s): 1 (1 Side) Mini Jack - Power On: DC 12V, output impedance: 4/7 kilohms Power Off: 0V
 HDMI™ Connection(s) (Total): 2 (Side) Digital RGB/Y/Cb(Pb)Cr(Pr)
 RS-232C Input(s): Yes

Power

Power Consumption (in Operation): 650W
 Power Consumption (in Standby): 10W (Standby 1), 7W (Standby 2)
 Power Requirements: AC 100-240V, 2.7-6.5A, 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: 44lbs (20kg)

Supplied Accessories

Remote Control (RM-PJW200)
 Instruction Manual

Optional Accessories

Xenon Replacement Lamp (LMP-H400)

White Ceiling Mount (PSS-H10)

Color: Silver

UPC Code: 027242714953

- 35,000:1 contrast ratio achieved with Advanced Iris Auto ON
- 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.
- When used with supporting video sources such as select Sony camcorders.
- BRAVIA Theatre Sync works with select Sony® HDTVs, front projectors, and home theater products. Check owners' manuals for compatibility.
- Anamorphic lens is not available from Sony®.
- Pixel convergence to 1/10th inch is calculated as ±2.0 dot 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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