

Key Features

- Full HD 1920 x 1080 SXRD™ Panel (0.61")
- Up to 15,000:1 Contrast Ratio (with Advanced Iris function on)
- ARC-F (All Range Crisp Focus) Lens
- 1080p Input
- Pure Xenon Lamp (400W)
- Advanced Iris Function (Auto, On, Off)
- Low Fan Noise (22dB)
- 1.8X Zoom
- DRC®-MFv2 (Digital Reality Creation®-Multi-Function V2)
- Noise Reduction
- Lens Shift
- RCP (Real Color Processing) Function (User 1, 2, 3 and Off)



Key Technologies

SXRD™ 1920 x 1080p Full HD Panels SXRD is a new display technology developed by the legendary television engineers at Sony to meet and exceed the demands of a High Definition image at its full 1080 line resolution. It is a 1920 x 1080p panel characterized by several key benefits: full HD resolution, smooth film-like image with minimal screen door effects, high response times (5ms rise and fall), high contrast ratios and accurate color rendition.

400W Pure Xenon Lamp A special 400W 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 The latest evolution of Sony's own Advanced Iris function uses algorithms designed to analyze the histogram of each picture along with nonlinear amplification to dynamically adjust the iris for its optimum opening. The result is a stunningly high contrast ratio of up to 15,000:1. Images in bright scenes are crisp and clear and black levels in dark scenes are deep and detailed.

Ultra Quiet Fan An exclusive Sony-designed fan efficiently removes heat at a barely noticeable noise spec of 22dB. Obtrusive fan noise is virtually eliminated to allow for flexibility in room placement.



SXRD™ 1080P Home Theater Front Projector

Features

Video Features

Wide Mode (16:9): Wide Mode (Full, Normal, Wide Zoom, Zoom)
 Horizontal Size: Yes
 Vertical Position: Yes
 DRC® Mode: Mode 1, Mode 2, Off
 Panel Type: 0.61" SXRD™ panel (2,073,600 pixels per panel, 6,220,800 total pixels)
 Dot Phase: Yes
 Picture Shift Function: Yes
 Title Area Control: Yes
 Film Mode: Yes
 Screen Area: Yes
 DRC® Palette Presets: Mode 1, Mode 2
 Acceptable Video Signals: 15 kHz (RGB/Component) 50/60Hz, Progressive Component DTV (480/60i, 575/50i, 480/60p, 575/50p, 720/60p, 720/50p, 1080/60i, 1080/50i), 1080/60p (DVI and HDMI channel only), Composite video, Y/X video

Convenience Features

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
 Multiple Language Display: 15 languages including English, French, Spanish, German and Chinese

General Features

Vertical Keystone: Yes
 Standby Mode: Yes
 Lens Control: Off, On
 High Altitude Mode: Off, On
 Information Menu: Horizontal and Vertical frequency display
 Panel Type: 0.61" SXRD panel (2,073,600 pixels per panel, 6,220,800 total pixels)
 Acceptable Computer Signals: fH: 19 to 72 kHz, fV: 48 to 92 Hz Maximum resolution (1920 x 1080, fV: 60 Hz)
 Input A: A Signal Setting (Auto, Computer, Component, Video GBR)
 DVI Signal Setting: Auto, Computer, Video GBR

Specifications

Display

Display Resolution: 1920 x 1080p

Video

Video Signal System: Acceptable Video Signals: 15 kHz (RGB/Component) 50/60Hz, Progressive Component DTV (480/60i, 575/50i, 480/60p, 575/50p, 720/60p, 720/50p, 1080/60i, 1080/50i), 1080/60p (DVI and HDMI channel only), Composite video, Y/X video

Inputs and Outputs

12V Trigger: 1 (1 Side) Mini Jack - Power On: DC 12V, output impedance: 4/7 kilohms Power Off: 0V
 HDMI™ Connection(s): 1 (1 Side) Digital RGB/Y/Cb(Pb)Cr(Pr)
 Component Video (Y/Pb/Pr) Input(s): 1 (1 Side) Y/Cb/Pb/Cr/Pr
 Input(s): Input A - HD D-sub 15-pins, Analog RGB/component: R/Cr (Pr): 0.7 Vp-p+/-2 dB (75 ohms terminated), G: 0.7 Vp-p+/-2 dB (75 ohms terminated), G with synch/Y: 1 Vp-p+/-2 dB synch negative(75 ohms terminated), B/Cb (Pb): 0.7 Vp-p+/-2 dB (75 ohms terminated), SYNC/HD: Composite sync input: TTL level, positive/negative, Horizontal sync input: TTL level, positive/negative
 Composite Video Input(s): 1 (1 Side) Vp-p+/-2 dB synch negative (75 ohms terminated), 1 Vp-p+/-2 dB synch negative (75 ohms terminated)
 Component Video (Y/Pb/Pr) Input(s): 1 (1 Side) Input(s): --- Input A - HD D-sub 15-pins, Analog RGB/component: R/Cr (Pr): 0.7 Vp-p+/-2 dB (75 ohms terminated), G: 0.7 Vp-p+/-2 dB (75 ohms terminated), G with synch/Y: 1 Vp-p+/-2 dB synch negative(75 ohms terminated), B/Cb (Pb): 0.7 Vp-p+/-2 dB (75 ohms terminated), SYNC/HD: Composite sync input: TTL level, positive/negative, Horizontal sync input: TTL level, positive/negative
 S-Video Input(s): Y/C mini DIN 4-pin type, Y (luminance): 1 Vp-p+/-2 dB synch negative (75 ohms terminated) C (chrominance): burst 0.286 1 Vp-p+/-2 dB (NTSC) synch negative (75 ohms terminated) burst 0.3 1 Vp-p+/-2 dB (PAL) synch negative (75 ohms terminated)
 HDMI Connection Input(s): 1 (1 Side) Digital RGB/Y/Cb(Pb)Cr(Pr)
 Remote Network Connection(s): 1 (1 Side) RS-232C: D-sub 9-pin (female) RJ-45 10 BASE-T/100BASE-TX (For gamma adjustment using included ImageDirector2 software.)
 RS232 Control: Remote Connector
 DVI Connection Input(s): DVI-D (TMDS) - Digital RGB

Power

Power Requirements: AC 100 to 240V, 0.8 to 1.95A, 50/60Hz
 Power Consumption (in Operation): Max. 610W
 Power Consumption (in Standby): 10W

Weights and Measurements

Dimensions (Approx) Width: 19 1/2" (496 mm)
 Dimensions (Approx) Height: 6 7/8" (175 mm)
 Dimensions (Approx) Depth: 22 5/8" (574 mm)
 Weight (Approx.): 41 lbs 13 oz (19 kg)

Hardware

Color Systems: Auto, NTSC, PAL, SECAM

General

Operating Temperature: 0 degrees C to 35 degrees C (32 degrees F to 95 degrees F)
 Operating Humidity: 35% to 85% (no condensation)
 Lens: f1 8.7 to 33.7 mm/F2.54 to 3.53 mm
 Projection Picture Size: 40 to 300 inches (diagonally)

Service and Warranty Information

Limited Warranty: 1 Year Parts, 1 Year Labor

VPL-VW100

Weight

41 lbs 13 oz (19 kg)

Dimensions (WHD)

19 1/2" x 6 7/8" x 22 5/8" (496 x 175 x 574 mm)

UPC Code

0272426736870

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