

Key Features

- Full HD 1080p with 3 SXR D™ 1920 x 1080 Panels
- Up to 30,000:1¹ Contrast Ratio (Advanced Iris On)
- Brightness of 1,000 ANSI lumens²
- 200W Ultra-High-Pressure Lamp
- BRAVIA Engine™ 2 fully digital video processor
- Advanced Iris 2
- 24p True Cinema™
- x.v.Color™³
- Deep Color
- ARC-F (All Range Crisp Focus) Lens



Key Technologies

Full HD 1080p with 3 SXR D™ 1920 x 1080 Panels Three SXR D 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 lumens².

BRAVIA Engine™ 2 BRAVIA Engine 2 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 30,000:1 contrast ratio¹ 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-HW10 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 SXR D™ panels, the VPL-HW10 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.

Features

General

Acceptable Computer Signals: fH: 19 to 72kHz, fV : 48 to 92Hz, Maximum resolution 1920x1080 fV 60Hz

Display

Display Technology: SXRD™ Technology

Video

Video Processing: Yes (BRAVIA Engine 2)

Wide Mode: Wide Zoom, Normal, Full, Zoom, Full1, Full2

Picture Shift Function: Yes

Acceptable Video Signals: 15kHz RGB/component 50/60Hz, Progressive component 50/60Hz, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/48i; 1080/60p (HDMI only), 1080/50p (HDMI only), 1080/24p (HDMI only); Composite video, Y/C video

Micro Display Type: 0.61-inch (15.4mm) SXRD panel, 6,220,800 pixels (2,073,600 pixels x3)

Deep Color: Yes

x.v.Color™ Technology: Yes

Convenience

BRAVIA® Theatre Sync™ : Yes (One-Button Home Theater Control (HDMI-CEC))

Specifications

General

Lens: 1.6 times zoom lens (manual), f=18.5 to 29.6 mm / F2.50 to F3.40

Projection Picture Size: 40 to 300 inches (1,016mm to 7,620mm) (measured diagonally)

Television Type: HD Front Projectors

Display

Screen Size (measured diagonally): 40" to 200" measured diagonally (projected)

Display Resolution: 1920 x 1080 (Full HD)

TV System

Color System: NTSC3.58 / PAL / SECAM / NTSC4.43 / PAL-M / PAL-N / PAL60

Video

Contrast Ratio: Up to 30,000:1

Brightness: 1,000 Lumens

Inputs and Outputs

Component Video (Y/Pb/Pr) Input(s): Phono type / HD D-sub 15-pin

Composite Video Input(s): Phono Type

S-Video Input(s): Y/C mini DIN 4-pin type

Component/Progressive: Phono type / HD D-sub 15-pin

HDMI™ Connection(s) (Total): 2

RS-232C Input(s): D-sub 9-pin

HDMI™ Connection(s): Yes

Power

Power Consumption (in Operation): 300W

Power Consumption (in Standby): 8W; :0.5W (low mode)

Power Requirements: AC 100 to 240V, 3.0-1.3A, 50/60Hz

Operating Conditions

Operating Temperature: 41 to 95 F degrees (5 to 35 C degrees)

Operating Humidity: 35 to 85% (no 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: 22 lbs

Measurements: 16 1/8 x 6 3/4 x 18 1/2 inches

Supplied Accessories

Remote Commander RM-PJAW15 (1)

Size AA (R6) batteries (2)

AC power cord (1)

Lens Cap (1)

Operating Instructions (1)

Optional Accessories

LMP-H201 Projector Lamp

PSS-H10 Projector Suspension Support

UPC Code: 027242746374

- 30,000:1 contrast ratio achieved with Advanced Iris Auto ON.
- ANSI lumens is a measuring method of the American National Standards Institute IT7.228. Since there is no uniform method of measuring brightness, specifications will vary among manufactures.
- 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 owner's manuals for compatibility.
- 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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