

Key Features

- Full HD 1080p with 3 SXRD™ 1920 x 1080 Panels
- Up to 60,000:1¹ 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 3
- 24p True Cinema™
- x.v.Color™³
- Deep Color
- ARC-F (All Range Crisp Focus) Lens



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 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 3 The Advanced Iris 3 function provides up to a 60,000:1 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-HW15 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-HW15 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

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

Lens Shift Function: 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 60,000:1

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 71/8 x 18 3/8 inches

Supplied Accessories

Remote Commander RM-PJW70 (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: 027242774339

1. 60,000:1 contrast ratio achieved with Advanced Iris Auto ON.
2. 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.
3. When used with supporting video sources such as select Sony camcorders.
4. BRAVIA Theatre Sync™ works with select Sony® HDTVs, front projectors, and home theater products. Check owner's manuals for compatibility.
5. 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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Non-metric weights and measurements are approximate and may vary.



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