

Full HD Home Cinema Projector

VPL-HW20 Full HD Home Cinema Projector



The VPL-HW20 is a Full HD projector designed for home cinema enthusiasts, with a brighter, clearer picture and a wide range of innovative Sony technologies.

Built around Sony's Cinema-quality SXRD panel technology, the VPL-HW20 provides a vibrant, bright Full HD picture for screens as big as 300".

Sony leads the world in Digital Cinema Projection and this technology has been adapted for use in home projectors for an immersive, compelling home cinema experience.

Features

Full HD 1080p Home Cinema Projection System

A true 1080p cinema projection system for a superb cinematic experience.

Sony's New SXRD Panel Technology

The VPL-HW20 uses Sony's unique SXRD 3 panel display system for smooth, dot-free display, vivid colours and massive true dynamic contrast ratio (80,000:1). Three separate red, blue and green panels combine to give a virtuoso colour performance, with exceptional detail.

The incredibly narrow space between pixels at just 0.2 of a micrometre (0.2µm) projects smooth film-like images without the hint of a gap or screen door effect.



Other devices



SXRD Panel

These are simulated images

Increased Brightness

Thanks to the new SXRD panel and optical unit, the VPL-HW20 has 30% improved brightness when compared to the VPL-HW15 model – without compromising on wide colour space. It enables you to see the movie in optimum brightness – enhancing your viewing experience.

Advanced Iris3 Control

This is an automatic iris control feature that enhances the contrast. It delivers crisp, clear black and white levels and an ultra contrast.

True 24p Mode

True 24p mode displays material at a genuine 24 frames per second for an authentic, film-like appearance. Watch films exactly as the creators intended.

Wide Range of Gamma Correction

A total of 7 Gamma settings provide flexibility to match the brightness curve of the projected image to the image content.

10-bit Colour Delivery

With 10-bit colour, the VPL-HW20 delivers smoother gradations between shades of the same colour, without the contours that are visible on other displays.

Sony Digital Video Processing System

A set of Sony-developed technologies that applies eight separate processes to video to increase sharpness and colour clarity.

Wide Range of Inputs

The VPL-HW20 features a wide range of inputs for connection to a variety of sources. Inputs include HDMI (2), VGA, Component, S-Video and Composite.

Compatibility with BRAVIA Sync (HDMI CEC)

Control not only the projector but also BRAVIA sync compatible equipment with the supplied remote control.

Superior Resolution and Focus

The VPL-HW20 has an ARC-F Lens, specifically developed to maximise the full 1920x1080 SXRD projector panel giving a superior resolution and increased focus.

Extremely Low Fan Noise (as low as 22dB)

A highly effective cooling system means that fan noise is kept to an absolute minimum. With an ultra-quiet fan, users can watch even the quietest parts of movies with no audible distractions from the projector.

- Cover for three years – from the product purchase date.
- Specialist telephone support – an exclusive multi-lingual telephone helpline staffed by technical experts with detailed understanding of Projector products.
- Collect-and-deliver repair service – if your problem cannot be resolved via the helpline, we'll activate our no-hassle collect-and-deliver repair service. All financial costs are covered – parts, labour and logistics to and from our state-of-the-art European repair centres.
- PrimeSupport will be provided through the Sony accredited provider

With VPL home projectors, PrimeSupport also includes:

Free loan unit – you'll receive a free loan unit of similar specification if repairs are likely to exceed 10 working days, minimising your disruption.

Sony. The clear choice for home cinema.

VPL-HW20 Technical Specifications

www.pro.sony.eu/projectors

Specifications	
Projector system	New SXRD panel, 1 lens, projection system
Panel	0.61-inch (15.4mm) SXRD panel
Contrast	Dynamic contrast 80,000:1
Brightness	1,300 ANSI Lumen
Lens	1.6 times zoom lens (manual), f=18.5 to 29.6 mm / F2.50 to F3.40
Lamp type	200W Ultra High Pressure Lamp
Projection picture size	40 to 300 inches (1,016mm to 7,620mm) (measured diagonally)
Colour system	NTSC3.58/PAL/SECAM/NTSC4.43/PAL-M/PAL-N system (switched automatically/manually)
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 input only), 1080/50p (HDMI input only), 1080/24p (HDMI input only), Composite video, Y/C video
Video input	1
Component input	1
S Video input	1
PC input	1
HDMI	2 (Digital RGB / Y Cb[Pb] Cr[Pr])
3D SYNC	-
Trigger	-

Remote (RS-232C)	D-sub 9-pin (Female)
IR IN (control-s)	-
Gamma mode	7
Cinema mode	1
3D capable	-
3D glasses (including battery)	-
Filter attachment for 3D glasses	-
Projector lamp	LMP-H201 (for replacement)
Remote control	Remote Commander RMPJW70
Operating instructions	Operating Instructions(1)
CD ROM	-
Projector suspension support	PSS-H10
Dimensions (w*h*d)	407.4 x 179.2 x 463.9 mm
Power requirements	AC 100 to 240V, 3.0-1.3A, 50/60Hz
Power consumption	Max.:300W, Standby mode:8W, Standby mode(low):0.5W
Mass	Approx. 10kg

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