

VPL-VW1000ES

4K home cinema front projector offering 4x the resolution of Full HD

4K images provide fully immersive visual experience

The VPL-VW1000ES projector is packed with advanced technologies to make watching 2D and 3D content at home just like being at the movies, from the 4K lens and rich colour reproduction to super high brightness and a dynamic contrast ratio of 1,000,000:1. 4K revolutionises the home cinema experience, delivering over 4x the quality of Full HD.

PRIMESUPPORT

This product comes with PrimeSupport – fast, hassle-free repairs and a helpline offering expert technical advice. Which gives you the peace of mind that Sony is looking after your equipment, and your business.

With VPL home projectors, PrimeSupport also includes a free loan unit – of similar specification if repairs are likely to exceed 10 working days, minimising your disruption.

Features

PRELIMINARY INFORMATION

This is preliminary information. All features and specifications are subject to change without notice.

4K native resolution for no compromise with more than 4x Full HD images

The VPL-VW1000ES 4K home cinema projector offers 4096 x 2160 resolution, more than 4x the resolution of Full HD. The projector's 4K SXR panels have been specially developed by Sony for the VPL-VW1000ES, utilising 4K expertise from the professional cinema market. They deliver a native 4K picture, with no electronic enhancement of pixels. At the same time, the size of each pixel has been reduced from 7µm to 4µm and the space between each pixel is also reduced, which ensures an even distribution and accurate light reflection.

Remarkable dynamic contrast for the highest picture quality

The projector's 4K native SXR panels produce outstanding native device contrast, which reproduce deep blacks by improved flatness level of the pixel surface. When combined with Sony's Iris3 technology, the projector can achieve an incredible 1,000,000:1 dynamic contrast for the best ever images.

High brightness of 2,000lm for optimum images in the home

With 2,000 ANSI-lumen brightness, the VPL-VW1000ES delivers nearly twice the output of previous Sony home cinema projectors. Combined with 4K SXR panels, the projector is able to offer both higher brightness and higher contrast ratio for optimum viewing in the home environment.

"Reality Creation" 4K up-scaling to watch Blu-ray Disc™ content in 4K

In addition to supporting 4K native resolution, the VPL-VW1000ES projector also features an exclusive Super Resolution 4K upscaler "RealityCreation" that dramatically enhances high definition 1080P content, allowing viewers to get the most from their existing Blu-ray Disc™ libraries at home. For greater versatility, it can also display FullHD 3D and 4K up-scaling of 3D movies.

Wide colour space (DCI, Adobe RGB) for richer picture quality

The VPL-VW1000ES offers a wider than normal colour space, enabling it to show the fuller colour information provided by the professional DCI colour specification and the Adobe RGB colour space.

Lens optimised for 4K images

Sony has developed the 4K All-Range Crisp Focus (ARC-F) lens specifically for the VPL-VW1000ES projector to produce optimised 4K images. By incorporating this super high-resolution lens, high precision and high quality picture is realised in every corner of the image.

Panel alignment expertise

The three 4K native panels in the projector utilise Sony's panel alignment expertise to produce precise

convergence of the three RGB colour pictures, ensuring the three colour images are perfectly set up.

Zoom lens and wider lens shift for maximum installation flexibility

The VPL-VW1000ES combines a 2.1 zoom powered zoom lens to provide the maximum flexibility for home installations, including high ceiling mounting. A wide lens shift range of 80% vertical and 31% horizontal reduces the need for additional platform extensions in ceiling mounts.

Home automation interfaces and accreditations

The VPL-VW1000ES comes with an RS232 interface, IR, RJ45 control, dual triggers, IR-IN and self-diagnosis (for checking lamp life, etc.). The projector is also compatible with many home automation integrators and has AMX, Control 4 and Crestron certification.

Picture position memory for variety aspect movies (zoom and shift position)

The VPL-VW1000ES has picture position memory, which memorizes the position of the zoom lens. Users

can match a movie's aspect ratio, including 16:9 and Cinema scope, and store the settings in the projector for easy recall.

Improved emission power for built-in 3D transmitter

The projector has a built-in 3D transmitter to synchronise 3D glasses, which alleviates the need for a cable. The emission power of the transmitter has also been boosted by 30% compared to previous models, allowing much wider coverage of the 3D signal.

Noise reduction technology

The VPL-VW1000ES incorporates the latest noise reduction technology to minimise projector noise as much as possible.

Simultaneous anamorphic and 3D viewing

The VPL-VW1000ES is able to display anamorphic images and 3D without changing the lens, making it as user-friendly as possible.