

# SONY

## VPL-VW5000ES

### 4K Home Theater Laser Projector

The best projector designed for large home cinemas with 5,000 lumens brightness brings the immersive excitement of true 4K cinematic images into larger home theaters. With its laser light engine, the VPL-VW5000ES provides infinite dynamic contrast, HDR compatibility and emulates Rec 2020 color space to show the latest home video formats.



#### Bullets

---

- Native 4K resolution<sup>1</sup> for immersive experience
- 5,000 lumens brightness and infinite dynamic contrast
- Wide color space covers full DCI-P3 range and emulates BT2020
- Dual contrast control engine with Dynamic Laser control & physical Advanced Iris
- Digital Focus Optimizer for more accurate focus
- High Dynamic Range (HDR) compatible<sup>4</sup>
- Motionflow (HFR) in 4K signals for smoother images
- HDMI 2.0 and HDCP 2.2 compatible for enjoying up-to-date 4K content services
- HD to 4K upscaling<sup>3</sup> turns your HD content into a 4K experience
- 20,000 hours virtually maintenance free operation
- Built in RF 3D<sup>2</sup> transmitter
- Powered zoom lens with wide lens shift and lens memories

#### Features

---

##### **Cinematic 4K clarity with four times the detail of Full HD**

SXRD panel technology featured in our professional cinema projectors delivers native 4K (4096 x 2160) resolution images, with no artificial pixel enhancement. Every detail is clear and natural, without jagged edges or visible pixels.

##### **Very high brightness and contrast**

With an amazing 5,000 lumens brightness and infinite dynamic contrast range, 4K images are clear with bright highlights and rich, deep blacks – even in well-lit rooms.

##### **Wide color space for more natural colors**

Sony's display technology covers the full DCI-P3 range and emulates ITU-R BT2020 to accurately reproduce a much broader range of colors than a standard projector system. You'll see the difference with finely-reproduced tones and textures plus greater color purity, depth and realism.

##### **Dual contrast control engine**

Dynamic Laser control & Advanced Iris work together to deliver superb image quality, with deeper blacks while maintaining bright highlights.

##### **Digital Focus Optimizer for more accurate focus**

With the Digital Focus Optimizer, image quality is actively refined and corrected during the viewing experience, ensuring your content always looks tack-sharp.

##### **HDR Compatible<sup>4</sup>**

Take full advantage of the latest content produced with HDR (High Dynamic Range) for extremely wide contrast with an even higher range of brightness levels<sup>4</sup>.

##### **Smooth, fluid on-screen action**

Coupled with the panel's super-fast response rate, Motionflow technology means you'll see every detail with minimal blur - no matter how fast the action, even with 4K signals.

##### **Future-proofed support for latest standards**

The VPL-VW5000ES can project content at up to 60 frames per second (fps) in 4K (at color signal YCbCr 4:4:4 8-bit or YCbCr 4:2:2 12-bit) for even smoother images with superior color and realism. Support for HDCP 2.2 lets you enjoy the latest 4K content services.

# SONY

## Virtually maintenance-free operation

Laser-based light source provides up to 20,000 hours of virtually maintenance-free operation for constant picture quality and reduced running costs.

## Reality Creation upscales movies to 4K<sup>3</sup>

As well as projecting native 4K content, the VPL-VW5000ES upscales your Full HD Blu-ray™ or DVD movie collection to 4K with Reality Creation - Sony's Super Resolution processing technology that enhances lower-resolution content, and even upscales 3D movies to 4K resolution<sup>3</sup>.

## Compatible with 'Mastered in 4K' Blu-ray™

Enjoy a near-native 4K experience with discs 'Mastered in 4K'. It's as close as you can get to the 4K-pixel resolution and expanded color range of the original.

## Picture position memories

Memorizes up to five zoom lens positions for future viewing. Stored settings can be matched to a movie's aspect ratio, including 16:9 and Cinemascope.

## Flexible home installation with wide zoom and shift lens

The powered zoom lens with wide zoom ratio and wide lens shift range gives greater installation flexibility in any room size, even with high ceilings.

## Built-in auto calibration

Maintaining original factory color calibration is quick and easy thanks to built in camera

## Industry standard RF 3D<sup>2</sup> compatible

The projector's built-in RF transmitter synchronizes with any RF 3D<sup>2</sup> glasses for wider coverage and greater stability, so there's no need for an external transmitter.

## 3-year limited warranty

All Sony Elevated Standard (ES) projectors enjoy 3-year limited warranties.

## Specifications

Display		
Display	Display Resolution	4096 × 2160 (Full 4K)
Display Features	Display Device	Size of effective display area: 0.74" x 3 Number of pixels: 26,542,080 (4096 x 2160 x 3) pixels
Display Features		
Display Features	Display Technology	4K SXRD panel projection system
	Light source	Laser diode
Installation Features		
Installation Features	Focus	Powered
	Shift	Yes (Powered H and V)
	Shift Range	V: +85% -80% H: +/-31%
	Zoom	Powered
Inputs and Outputs		
Inputs and Outputs	12V Trigger Output(s)	Mini jack, DC 12 V Max. 100 mA
	HDMI™ Connection(s) (Total)	Digital (RGB/Y Pb/Cb Pr/Cr)
	IR Input(s)	IN:1, Mini jack
	Remote Network Connection(s)	RS-232C, D-sub 9-pin (female)
	USB	1 (front, for setting Save / Load)
	LAN terminal	RJ45, 10BASE-T/100BASE-TX
Optional Accessories		

Optional Accessories	Optional Accessories	TDG-BT500A VPLL-Z7008 (Short Throw Lens)
Accessories		
Accessories	Supplied Accessories	VPLL-Z7013 (Standard lens) RM-PJ24 Remote Commander Size AA (R6) Manganese Batteries (2) AC Power Cord (1) Operating Instructions (CD-ROM)(1) Quick Reference Manual (1)
Weights and Measurements		
Weights and Measurements	Dimensions (Approx.)	21.66 x 9 x 33.53 in (550 x 228 x 750 mm) (without protrusions)
	Weight (Approx.)	Approx. 94 lb (43 kg) (including standard lens), Approx. 40 kg / 88 lb (excluding standard lens)

1. 4096 x 2160 resolution

2. Requires devices connected to the same wireless home network.

3. Upscaled, simulated and enhanced 4K images will vary based on source content.

4. Requires HDR compatible content from supported streaming services, such as Amazon Video. Broadband speed of at least 2.5 Mbps recommended for SD services, 10 Mbps for HD streaming or 4K downloads, 20 Mbps for 4K Ultra HD streaming. Wireless connectivity requires 802.11n home network (802.11n recommended). Network services, content, and the

operating system and software of this Product may be subject to individual terms and conditions and changed, interrupted or discontinued at any time and may require fees, registration  
© 2015 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Features and specifications are subject to change without notice. Sony, SXR, and Motionflow are trademarks of Sony Corporation. HDMI is a trademark of HDMI Licensing LLC. All other trademarks are trademarks of their respective owners.