

SONY

VPL-VW5000ES

4K Home Theater Laser Projector

The world's most advanced 4K projector designed specifically for home theater use. Enjoy 5,000 lumens of brightness, HDR compatibility⁴, and the ability to simulate the new ITU-R BT2020 color gamut on top of the full DCI color space. For home installations with larger screens, this projector is the truly the ultimate home cinema display.



Bullets

- Native 4K resolution¹ for immersive experience
- 5,000 lumens brightness and infinite dynamic contrast
- Wide color space covers full DCI-P3 range and emulates BT2020
- High Dynamic Range (HDR) compatible⁴
- 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 upscaling³ turns your HD content into a 4K experience
- 20,000 hours virtually maintenance free operation
- Built in RF 3D² 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.

HDR Compatible⁴

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.⁴

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.

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.

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 4K³

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.³

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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 a built-in camera.

Industry standard RF 3D² compatible

The projector's built-in RF transmitter synchronizes with any RF 3D² 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 | Focus | Powered |
| | Shift | Yes (Powered H and V) |
| | Shift Range | V: +80% -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) |

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Weights and Measurements

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|--------------------------|----------------------|---|
| 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 802.11 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
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