

VPL-VW665ES

Sony 4K Home Theater ES Projector

Advanced SXRD panel technology delivers incredible 4K images with four times the resolution of Full HD. You'll experience rich colors, impressive 1800 lumens brightness and huge 300,000:1 dynamic contrast ratio — for vibrant, detail-packed pictures with native 4K resolution that always look clear and sharp, even in day lit living rooms.



Bullets

- Native 4K resolution¹ for immersive experience
- HD to 4K upscaling³ turns your HD content into a 4K experience
- High brightness and high contrast for vibrant images / 300,000:1 dynamic contrast
- Support for High Dynamic Range (HDR) content
- HDMI[®] 2.0 and HDCP 2.2 compatible for enjoying up-to-date 4K content services
- Compact size and front exhaust for flexible installation
- Powered 2.0x zoom and wide lens shift and lens memories
- Built in RF 3D² transmitter
- More color, depth and realism with TRILUMINOS[®] color
- 6,000 hour long lasting lamp
- Built-in auto calibration

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 impressive 1,800 lumens brightness and spectacular 300,000:1 dynamic contrast range, 4K images are clear with bright highlights and rich, deep blacks — even in well-lit rooms.

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.

TRILUMINOS[™] Display for wider, more natural colors

Sony's TRILUMINOS[™] Display technology accurately reproduces 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 Compatible

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.

Support for latest standards

The VPL-VW665ES can project content at up to 60 frames per second (fps) in 4K (at color signal YCbCr 4:2:0 / 8 bit) for even smoother images with superior color and realism. Support for HDCP 2.2 lets you enjoy the latest 4K content services.

Reality Creation upscales movies to 4K³

As well as projecting native 4K content, the VPL-VW665ES 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

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.

Long-lasting lamp

Up to 6000 hours rated lamp operating life (in Low mode) means simpler maintenance, with fewer lamp swaps and reduced running costs.

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 a 2.1x zoom ratio and wide lens shift range gives greater installation flexibility in any room size, even with high ceilings.

Front-facing fan

With the fan exhaust positioned at the front of the projector, you don't need to worry about wall clearance and room for air intake/exhaust when installing. This helps maximize throw distance, for the biggest possible projected images.

Built-in auto calibration

Set-up is quick and easy: auto calibration ensures superb pictures without effort.

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

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|---|--------------------------------|---|
| Display System | | 4K SXRD panel projection system |
| Display Device | Size of effective display area | 07.4" x 3 |
| | Number of pixels | 26,542,080 (4096 x 2160 x 3) pixels |
| Projection Lens | Focus | Powered |
| | Zoom | Powered (Approx. x2.1) |
| | Lens Shift | Powered Vertical: +85% -80% Horizontal: +/-31% |
| Light Source | | High-pressure mercury lamp, 225 W type |
| Recommended lamp replacement time ^{*1} | | 6000 H (Lamp mode:Low) |
| Filter replacement cycle (Max.) | | Same time as the lamp replacement is recommended |
| Screen Size | | 60" to 300" (1,016 mm to 7,620 mm) |
| Light Output | | 1800 lm (lamp mode: High) ^{*2} |
| Color Light Output | | 1800 lm (lamp mode: High) ^{*2} |
| Dynamic Contrast | | 300,000:1 |
| Displayable Scanning Frequency | Horizontal | 19 kHz to 72 kHz |
| | Vertical | 48 Hz to 92 Hz |
| Display Resolution | Computer signal Input | Maximum display resolution: 1920 x 1080 dots (HDMI Input only) |
| | Video Signal Input | 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p, 1080/24p, 3840x2160/24p, 3840x2160x25p, 3840x2160/30p, 3840x2160/50p ^{*3} , 3840x2160/60p ^{*3} , 4096x2160/24p, 4096x2160/25p, 4096x2160/30p, 4096x2160/50 ^{*3} , 4096x2160/60 ^{*3} |
| OSD Language | | 17 Languages (English, Dutch, French, Italian, German, Spanish, Portuguese, Russian, Swedish, Norwegian, Japanese, Simplified Chinese, Traditional Chinese, Korean, Thai, Arabic, Polish) |
| Input Output (Computer/Video/Control) | HDMI1 / HDMI2 ^{*4} | Digital (RGB/Y Pb/Cb Pr/Cr) |
| | Trigger1 / Trigger2 | Minijack, DC 12 V Max. 100 mA |
| | Remote | RS-232C, D-sub 9-pin (female) |
| | LAN | RJ45, 10Base-T/100BASE-TX |
| | IR IN | Mini Jack |
| Acoustic Noise | | 26 dB |
| Operating Temperature / Operating Humidity | | 5°C to 35°C (41°F to 95°F) / 35% to 85% (no condensation) |
| Storage Temperature / Storage Humidity | | -20°C to +60°C (-4°F to +140°F) / 10% to 90% (no condensation) |
| Power Requirements | | AC 100 V to 240 V, 3.5 A to 1.5 A, 50/60Hz |
| Power Consumption | AC 100 V to 120 V | MAX 410 W |
| | AC 220 V to 240 V | MAX 410 W |
| Power Consumption (Standby Mode) | AC 100 V to 120 V | 0.3 W (when "Standby mode" is set to "Low") |
| | AC 220 V to 240 V | 0.3 W (when "Standby mode" is set to "Low") |
| Power Consumption (Networked Standby Mode) | AC 100 V to 120 V | 1.0 W (All terminals and networks connected, when "Standby Mode" is set to "Standard") |
| | AC 220 V to 240 V | 1.0 W (All terminals and networks connected, when "Standby Mode" is set to "Standard") |

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| Dimensions (W x H x D) (without protrusions) | 495.6 x 195.3 x 463.6 mm 19 1/2 x 7 11/16 x 18 1/4 |
| Mass | Approx. 14 kg / 31 lb |
| Supplied Accessories | RM-PJ24 Remote Commander (1), Size AA (R6) Manganese Batteries (2), Lens Cap (1), AC Power Cord (1), Operating Instructions (CD-ROM) (1), Quick Reference Manual (1) |
| Replacement Lamp | LMP-H280 |

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.

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