SONY

# VPL-VW360ES

4K SXRD Home Cinema Projector with 1,500 lumen brightness, 200,000:1 contrast, HDR and easy AV integration

## Overview

**Seeing is believing: experience the beauty of true 4K HDR**

Bring the truly cinematic quality of 4K into your own home with the VPL-VW360ES Home Cinema projector.

Sony's native 4K (4096 x 2160) SXRD panel technology produces true 4K resolution pictures with over four times the quality of Full HD.

Designed for today's home cinema rooms and living spaces, the VPL-VW360ES delivers stunning, detail-packed images with incredibly lifelike colour.

And with high brightness, you’re guaranteed an exceptional picture even in well-lit rooms.

## Features

**Native 4K SXRD™ panel**
Featured in Sony's digital cinema projectors, advanced SXRD (Silicon X-tal Reflective Display) panel technology delivers native 4K (4096 x 2160) resolution images, with more than four times the detail of Full HD. Fine details are wonderfully clear and natural, without jagged edges or visible pixels.

**See richer, deeper blacks**
Latest SXRD 4K panels deliver even better contrast, as well as native 4K resolution. SXRD projection offers rich, inky blacks, as well as clear cinematic motion and image smoothness. Improvements to the panel's reflective silicon layer now mean even better light control, for precisely reproduced shadows and blacks.

**Native 4K resolution for lifelike pictures**
With more than four times the resolution of Full HD, native 4K offers 8.8 million pixels (4096 x 2160) for an incredibly lifelike image with the same resolution defined by the DCI (Digital Cinema Initiative) for cinema distribution. See corner-to-corner clarity and watch movies from much closer than you would in Full HD.

**Bright, high contrast images**
SXRD panel technology can achieve an extremely high contrast ratio compared with other devices. You'll see the difference with more immersive, high brightness images.

**1,500 lumens for high brightness**
Enjoy the action with up to 1,500 lumens brightness, for vibrant images on screens up to 762 cm (300").

**200,000:1 dynamic contrast for stunning realism**

Sony’s Advanced Iris3 technology adjusts light output frame-by-frame, allowing the projector to achieve an incredible 200,000:1 dynamic contrast. Fine shadow detail is revealed in dark scenes, without compromising reproduction of bright scenes for truly captivating images.

### HDR compatibility: every image comes to life

Get the most from today's UHD Blu-ray and streaming services with High Dynamic Range. HDR video offers an expanded brightness range that delivers more realistic, high-contrast images and brilliant colours. Compatible with both HDR10 and HLG (Hybrid Log-Gamma) formats. Sony’s home cinema projectors reproduce colour and contrast that's faithful to the creator's intention.

### Super-resolution Reality Creation

Exclusive Reality Creation technology analyses images right down to the pixel level. It uses powerful pattern-matching algorithms developed over years of movie production to enhance image crispness without increasing digital picture noise. It also upscales existing full HD Blu-ray Disc™ and DVD movies to near 4K quality.

### Colours come alive with TRILUMINOS™

Discover true-to life colours and tones. The VPL-VW360ES incorporates TRILUMINOS colour, reproducing more tones and textures than standard projectors. Hard-to-reproduce crimson reds, aqua blues, and emerald greens are displayed beautifully so landscapes and seascapes look more vivid. Faces look better, too, with faithfully reproduced skin tones.

### Motionflow™

Motionflow cleverly adds extra frames to reduce blur and maintain brightness in thrilling, fast-moving scenes such as sporting events. Cinema purists can choose True Cinema mode to retain the original 24 fps.

### Compact, practical design

The projector's compact size gives extra flexibility for installing in your home cinema set-up.

### Wider zoom and shift lens

The projector's powered zoom lens provides maximum flexibility for home installations, including high ceiling mounting.

### Front-facing fan

As the fan is positioned at the front of the projector, you don’t need to worry about wall space and clearance for air inhale/exhaust during installation. This helps maximise throw distance for bigger projected images.

### Picture Position Memory

The projector's picture position memory memorises the position of the lens (focus, zoom, shift). Users can match a movie’s aspect ratio, including 1.78:1 and 2.35:1, and store these settings for instant recall.

### Auto Calibration

After extended periods, colour can be automatically calibrated to the original factory conditions.There’s no need for extra calibration equipment or cameras; a built-in colour sensor stores all the necessary information.

### HDCP 2.2 compatibility

Both HDMI inputs are compatible with HDCP 2.2, the latest content protection standard.

### Long-lasting lamp

The high-performance lamp and advanced lamp control technology allow the projector

to deliver an extremely long lamp replacement time of 6,000 hours*.

*Approximate recommended period, in low mode.

**Low fan noise**
Whisper-quiet 26 dB fan noise* minimises disturbance for your audience.

*Dependent on environment and operating conditions.

**Industry standard RF 3D compatible**
The projector's built-in RF transmitter synchronises with most of the RF 3D glasses in the market for wider coverage and greater stability, so there’s no need for an external transmitter.

## Specifications

### Display System

| | |
|---|---|
| Display System | 4K SXRD panel, projection system |

### Display device

| | |
|---|---|
| Size of effective display area | 0.74” x 3 |
| Number of pixels | 26,542,080 (4096 x 2160 x 3) pixels |

### Projection lens

| | |
|---|---|
| Focus | Powered |
| Zoom | Powered (Approx. x2.06) |
| Lens shift | Powered<br>Vertical: +85%/-80%<br>Horizontal: +/-31% |

### Light source

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|---|---|
| Light source | High-pressure mercury lamp, 225 W type |

### Recommended lamp replacement time *1

| | |
|---|---|
| Recommended lamp replacement time | 6,000 H (Lamp mode: Low) |

### Screen size

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|---|---|
| Screen size | 60” to 300” (1,524 mm to 7,620 mm) |

### Light output

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|---|---|
| Light output | 1,500 lm (Lamp mode: High) *2 |

## Colour light output

| | |
|---|---|
| Colour light output | 1,500 lm (Lamp mode: High) *2 |

## Dynamic contrast

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|---|---|
| Dynamic contrast | 200,000: 1 |

## Displayable scanning frequency

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|---|---|
| Horizontal | 19 kHz to 72 kHz |
| Vertical | 48 Hz to 92 Hz |

## Display resolution*3

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|---|---|
| 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, 3840 x 2160/24p, 3840 x 2160/25p, 3840 x 2160/30p, 3840 x 2160/50p*4, 3840 x 2160/60p*4, 4096 x 2160/24p, 4096 x 2160/25p, 4096 x 2160/30p, 4096 x 2160/50p*4, 4096 x 2160/60p*4 |

## OSD language

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|---|---|
| OSD language | 18-languages (English, Dutch, French, Italian, German, Spanish, Portuguese, Turkish, Russian, Swedish, Norwegian, Japanese, Simplified Chinese, Traditional Chinese, Korean, Thai, Arabic, Polish) |

## INPUT OUTPUT (Computer / Video / Control)

| | |
|---|---|
| HDMI1 / HDMI2*5 | Digital (RGB/Y Pb/Cb Pr/Cr) |
| Trigger | 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 |
| USB | DC 5 V, Max. 500 mA |

## Acoustic noise

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|---|---|
| Acoustic noise | 26 dB*6 |

## Operating temperature (Operating humidity)

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|---|---|
| Operating temperature (Operating humidity) | 5°C to 35°C (41°F - 95°F) 35% to 85% |

## Storage temperature (Storage humidity)

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|---|---|
| Storage temperature (Storage humidity) | -20°C to 60°C (-4°F to 140°F) 10% to 90% |

## Power requirements

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|---|---|
| Power requirements | AC 100 V to 240 V, 3.5 A to 1.5 A, 50/60Hz |

## Power consumption

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|---|---|
| Power consumption | 350 W |
| Standby | 0.3 W (when "Remote Start" is set to "Off") |
| Networked Standby | 1.0W (LAN) (when "Remote Start" is set to "On")<br>When a LAN terminal is not connected, it becomes a low power consumption mode (0.5 W). |

## Standby Mode / Networked Standby Mode Activated

| | |
|---|---|
| Standby Mode / Networked Standby Mode Activated | After about 10 Minutes |

## 3D

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|---|---|
| 3D capability | Yes |
| 3D emitter | Built-in RF emitter |
| 3D glasses | TDG-BT500A (Optional)<br>Please contact your Sony representative for specific models available in your region. |

## Dimensions (W x H x D) (without protrusions)

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|---|---|
| Dimensions (W x H x D) (without protrusions) | 495.6 x 195.3 x 463.6 mm<br>19 1/2 x 7 11/16 x 18 1/4 inches |

## Mass

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|---|---|
| Mass | Approx. 14 kg / 31 lb |

## Supplied accessories

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|---|---|
| Supplied accessories | RM-PJ24 Remote Commander (1)<br>Size AA (R6) Manganese Batteries (2)<br>Lens Cap (1)<br>AC Power Cord (1)<br>Operating Instructions (CD-ROM) (1)<br>Quick Reference Manual (1) |

## Replacement lamp

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|---|---|
| Replacement lamp | LMP-H220 |

## Notes

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|---|---|
| *1 | The figures are expected maintenance time and not guaranteed. They will depend on the environment or how the projector is used. |
| *2 | The values are estimate. |
| *3 | Displayed image may be converted for some input signals. |
| *4 | YCbCr 4:2:0 / 8 bit |
| *5 | HDMI Input2 is compatible with HDCP 2.2. |
| *6 | They will depend on the environment or how the projectors is used. When under normal environment. |

## Gallery