

## VPL-VW600ES

### Sony 4K Home Theater ES Projector

Get the clarity of Sony's SXR™ 4K movie theater technology in a brand new 4K Ultra HD projector with greater than 4x 1080p resolution, anamorphic 3D, and HD to 4K upscaling. With additional installation flexibility you can experience immersive 4K media in an array of rooms. Only from Sony.



#### Bullets

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- 4K resolution—4096x2160. That's greater than 4 times 1080p
- HD to 4K upscaling turns your HD content into a 4K experience
- HDMI® 2.0 compatible for 4K resolution at up to 60 frames per second
- 200,000:1 dynamic contrast ratio with SXR™ technology
- Brightness of 1,700 ANSI lumens
- Auto Calibration function
- Flexible installation—2.1x motorized zoom, 85%(v)/31%(h) motorized shift and 1.38-2.83 throw ratio
- Full immersion on larger screens and up close viewing
- 3-year limited warranty
- Built in RF emitter for 3D viewing; two glasses included

#### Features

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##### **An astonishingly immersive home theater experience**

Features the same technology and resolution found in high-end, professional 4K movie theaters, providing an astonishingly immersive home theater experience. 4K resolution is 4096 x 2160 pixels. That's more than 4 times 1080p. Add a 200,000:1 dynamic contrast ratio, 1,700 ANSI lumen brightness, and Deep Color support and the VPL-VW600ES pulls you into your favorite movies like no HD home theater projector you've ever experienced.

##### **Recommended for up to a 200" screen**

Because the VPL-VW600ES has such high resolution and brightness, you can install a 200" screen and still experience an astonishingly crisp and bright picture in 2D. (Up to 150" if you want to use 3D.)

##### **Enjoy your favorite 1080p HD movies and shows in 4K**

Watch your favorite HD movies and television shows in 4K with Super Resolution upscaling. Sony's proprietary Reality Creation algorithm makes your best video content look better than ever before. And Sony's proprietary "Mastered in 4K" algorithm faithfully reproduces specially prepared movies to match the original 4K images.

##### **Get the most out of your Sony 4K projector**

The available 4K Ultra HD Media Player comes preloaded with 10 bonus feature films and video shorts, and Sony's Video Unlimited 4K network video service provides access to a library of 4K movies and TV shows.<sup>3</sup> Control it all with a Sony Tablet, both of which are optional.

##### **Integrate into virtually any home environment**

Installing the VPL-VW600ES is easy with its motorized lens, 85%(v)/31% (h) motorized shift and wide throw distance range. Having a front air intake and exhaust allows the VPL-VW600ES to be positioned near a wall without having to worry about cooling issues. Access to the lamp through a panel on top of the unit allows lamp changes without un-mounting the projector.

##### **Immersive, vibrant picture for any environment**

By simply choosing the appropriate preset, the VPL-VW600ES's 1,700 ANSI lm brightness and Deep color can be adjusted for the ideal picture quality in any environment—whether gaming or watching sports in a lit room, or enjoying movies in a dark theater.

## Watch 2D high-definition content in 3D

Add a new dimension to your favorite movies, shows or videos with Sony's unique 2D to 3D upconversion algorithm, allowing high definition 2D content connected via HDMI® to be viewed in immersive Sony 3D even in 4K.<sup>2</sup>

## Whisper-quiet fan

Forget that the projector is even in the room. Due to the VPL-VW600ES's advanced air discharge system.

## Built-in Auto-calibration Features

Over time, the aging of components like the lamp make changes to the look on the screen. A built in RGB sensor and software allow you to quickly adjust your picture to the way it looked when first installed.

## Integrated RF 3D Sync Transmitter

No need to wire an external 3D emitter. The built in RF emitter can adequately cover your home theater space and features industry standard technology that allows for the use of Sony TDG-BT500A or compatible 3rd party 3D glasses.

## Smoother, sharper motion

Enjoy smooth, sharp motion with Sony's Motionflow™ technology with Dark Frame Insertion and 24p True Cinema technologies.

## 3-year limited warranty

Rest assured that Sony has you covered. All Sony Elevated Standard (ES) projectors enjoy 3-year limited warranties, including a special tech support hotline in case you run into any problems.

## Specifications

| 3D Features          |                                  |  |
|----------------------|----------------------------------|--|
| 3D Features          | 2D to 3D Conversion              | Yes  |
|                      | 3D Glasses Brightness Adjustment | 2 Modes, Standard and High   |
|                      | Digitally Driven Panel           | Yes  |
|                      | Effect Adjustment(s)             | Yes  |
|                      | Format(s)                        | Frame Packing/ Side by Side/ Over-Under/Simulated 3D/ESPN 3D format/ 720p / 60 SBS |
|                      | Signal                           | (HDMI inputs only) 1080:24p/60p/50p/60i/50i ; 720:60p/50p                          |
|                      | Transmitter                      | Built-in RF  |
| Convenience Features |                                  |  |
| Convenience Features | BRAVIA® Sync™                    | Yes  |
|                      | Image Flip                       | HV, H, V, Off  |
|                      | IR Receiver                      | Front Rear, Front, Rear  |
|                      | Multiple Language Display        | 15 languages (including English, French, Spanish, German and Chinese)              |
|                      | Power Save Mode                  | Yes  |
|                      | Remote Control                   | Yes (RM-PJ22)  |
|                      | Test Pattern                     | Yes  |
| Display              |                                  |  |
| Display              | Native Resolution                | 4K - 4096 x 2160   |
|                      | Screen Size                      | 60"-200" recommended   |
|                      | Aspect Ratio                     | 17:9   |
|                      | Display Resolution               | 4096 x 2160 (Full 4K)  |
| Display Features     |                                  |  |
| Display Features     | Display Technology               | SXRD™ Technology   |

| General                          |                              |  |
|----------------------------------|------------------------------|--|
| General                          | Integration Partner          | Yes (Control4 Certified, AMX Device Discovery, Crestron Integrated Partner, Savant Partner in Excellence, RTI URC)                               |
|                                  | Lens                         | 4K All Range Crisp Focus (ARC-F)   |
|                                  | Projection Picture Size      | 60" to 300" measured diagonally  |
| General Features                 |                              |  |
| General Features                 | Acceptable Computer Signals  | fH: 19 to 72 kHz, fV: 48 to 92 Hz, fV: 60 Hz   |
|                                  | Information Menu             | Horizontal and Vertical frequency display  |
|                                  | Input A                      | D-sub 15 Pin, Analog RGB/Component   |
|                                  | Lens Control                 | Motorized focus, shift and zoom with servo/memory  |
|                                  | Speaker                      | 14 element with aspheric front element   |
|                                  | Standby Mode                 | Yes  |
|                                  | Vertical Keystone            | Yes  |
| Inputs and Outputs               |                              |  |
| Inputs and Outputs               | 12V Trigger Output(s)        | Mini Jack - Power On: DC 12V, output impedance: 4.7 kilohms Power Off: 0V (Two, selectable power / anamorphic zoom.)                             |
|                                  | HDMI™ Connection(s) (Total)  | 2 (Side) Digital RGB/Y/Cb(Pb)Cr(Pr)  |
|                                  | IR Input(s)                  | 1 (Side)   |
|                                  | Remote Network Connection(s) | 1 (Side) RS-232C: D-sub 9-pin (female)   |
|                                  | RS-232C Input(s)             | Yes  |
|                                  | RS232 Control                | Yes  |
| Optional Accessories             |                              |  |
| Optional Accessories             | Optional Accessories         | Ultra High Pressure Replacement Lamp (LMP-H260)  |
| Accessories                      |                              |  |
| Accessories                      | Supplied Accessories         | Remote Control (RM-PJ24)<br>Instruction Manual<br>AC Cord<br>Size AA batteries x 2<br>Certificate for two RF 3D glasses (TDG-BT500A)<br>Lens Cap |
| Service and Warranty Information |                              |  |
| Service and Warranty Information | Limited Warranty Term        | Product Warranty - Limited 3 Years Parts and Labor except the lamp. Lamp Warranty - 90 Days from date of purchase.                               |
| TV System                        |                              |  |
| TV System                        | Color System                 | Auto, NTSC, PAL, SECAM   |
| Video                            |                              |  |
| Video                            | Brightness                   | 1700 Lumens  |
|                                  | Contrast Ratio               | 200,000:1 Dynamic Contrast   |
|                                  | Deep Color                   | Yes  |
|                                  | Picture Modes                | 9 modes  |
|                                  | Video Calibration Settings   | 11 Gamma Modes, HSV adjust by color, Custom Color Space, Auto Calibration for factory presets  |
| Video Features                   |                              |  |

|                |                          |  |
|----------------|--------------------------|--|
| Video Features | 3D Anamorphic            | Yes, via picture position or external lens   |
|                | 4K resolution upscaling  | Yes - 3840 x 2160 (QFHD)   |
|                | Acceptable Video Signals | Composite video, Y/C video, 15 kHz (RGB/Component) 50/60Hz; Progressive component 50/60 Hz; DTV (480/60i, 480/60p, 575/50i, 575/50p, 720/50p, 720/60p, 1080P24sF(48i), 1080/50i, 1080/50p, 1080/60i), HDMI inputs only: 1080/60p, 1080/24p |
|                | Anamorphic               | Yes, lens-less anamorphic via picture position   |
|                | Deep Color               | Yes  |
|                | Film Mode                | Yes  |
|                | Lens Shift Function      | Yes +85%/-80%(v), 31%(h)   |
|                | Motionflow™ Technology   | Yes (120 Hz with Dark Frame Insertion)   |
|                | Picture Position         | Yes, 5 Modes (including lens-less anamorphic)  |
|                | Pixel Alignment          | Yes, 1/10" Pixel increments, 153 zones   |
|                | Title Area Control       | Yes  |
|                | Vertical Position        | Yes  |
|                | Video Processing         | Optional   |
|                | Wide Mode                | Yes  |
|                | x.v.Color™ Technology    | Yes  |
|                | Color Space              | Supports sRGB (Rec 709)  |

1. Requires 3D content, 3D player, 3D glasses, and HDMI® cable (at least 10.2 Gbps).

2. Simulated 3D image will vary based on source content.

3. Ethernet connection required. Fees may apply for 4K networked video service.

4. 60p display based on 4:2:0 source.

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