

# SONY

## VPL-VW1100ES

### Sony 4K Home Theater ES Projector

Experience Sony's most immersive, awe-inspiring home theater with the Sony 4K projector featuring SXRD™ 4K movie theater projector technology. Delivering greater than four times 1080p resolution, anamorphic 3D, and HD to 4K upscaling, nothing else comes close to the Sony® VPL-VW1100ES Projector. No detail was left out—including easy installation and control.



#### 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
- 1,000,000:1 dynamic contrast ratio with SXRD™ technology
- Brightness of 2,000 ANSI lumens
- Control over RS232 or IP with feedback
- Flexible installation—2.1 motorized zoom, 80%(v)/30%(h) motorized shift and 1.27-2.73 throw ratio
- HDMI® 2.0 compatible for 4K resolution at up to 60 frames per second
- 3-year limited warranty
- Picture position feature for lens-less anamorphic (2.35:1)
- Whisper-quiet fan

#### 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 4096x2160. That's more than 4 times 1080p. Add a 1,000,000:1 dynamic contrast ratio, 2,000 ANSI lumen brightness, and wide color gamut and the VPL-VW1100ES pulls you into your favorite movies like no home theater projector you've ever experienced.

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

Because the VPL-VW1100ES 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 included 4K Ultra HD Media Player allows you to enjoy 4K 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 automation system**

Seamlessly integrate the VPL-VW1100ES into virtually any major automation system through the bi-directional, industry-standard RS232 or IP connections.

##### **Simple installation**

Installing the VPL-VW1100ES is easy with its motorized 2.1x zoom, 80%(v)/30%(h) motorized shift and flexible throw distance—1.27-2.73 throw distance for 1.78:1 and 1.68-2.73 for 2.35:1 anamorphic zoom using the picture position feature.

##### **No anamorphic lens required**

When using a cinema scope screen, enjoy 2.35:1 content without the need for an external anamorphic lens using the Picture Position function.

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

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By simply choosing the appropriate preset, the VPL-VW1100ES's 2,000 ANSI lm brightness and color gamut 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.<sup>2</sup>

## Whisper-quiet fan

Forget that the projector is even in the room. Due to the VPL-VW1100ES's advanced air discharge system.

## Powerful picture calibration features

Quickly calibrate your picture to the type of content you're enjoying with nine unique modes including a variety of cinema, gaming, photo and user customizable pre-sets.

## Automatic motorized lens protector

The lens cover of the VPL-VW1100ES opens automatically when the projector powers on, then closes when the projector is turned off to prevent dust build-up on the lens.

## Integrated IR 3D Sync Transmitter

No need to wire an external transmitter. The built in IR transmitter can adequately cover home theaters with up to 130" screens at 0.85 gain.

## 153 Zone Panel Alignment

153 zone, 1/10th pixel step, panel alignment ensures a sharp image.

## 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		
	2D to 3D Conversion	Yes
	3D Glasses Brightness Adjustment	2 Modes, Standard and High
	Digitally Driven Panel	Yes
	Effect Adjustment(s)	Yes
3D Features		
	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
	Simulated 3D	Yes
	Transmitter	Built-in with the option for external
Convenience Features		

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Convenience Features	Auto Input Search	Yes
	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
	Standby Mode	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.)
	3D Sync	1 (Side) RJ45
	Component Video (Y/Pb/Pr) Input(s)	2 (Side): 1 (RCAx3), 1 (15 Pin HD)
	HDMI™ Connection(s) (Total)	2 (Side) Digital RGB/Y/Cb(Pb)Cr(Pr) with PC timing support <sup>1</sup>
	IR Input(s)	1 (Side) Mini Jack
	PC Video Input(s)	D-sub 15-pin
	Remote Network Connection(s)	1 (Side) RJ-45, 10 base-T/100base-T
	RS-232C Input(s)	D-sub 9-pin (female)
RS232 Control	Yes	
Optional Accessories		
Optional Accessories	Optional Accessories	Ultra High Pressure Replacement Lamp (LMP-H330)
Accessories		

Accessories	Supplied Accessories	Remote Control (RM-PJ22) Instruction Manual AC Cord Size AA batteries x 2 (2) 3D Glasses: TDG-PJ1
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	2000 Lumens
	Contrast Ratio	1,000,000:1 Dynamic Contrast
	Deep Color	Yes
	Picture Modes	9 modes
	Video Calibration Settings	11 Gamma Modes Independent settings for 2D & 3D viewing
Video Features		
Video Features	3D Anamorphic	Yes, via picture position or external lens
	4K resolution upscaling	Yes - 3840 x 2160 (QFHD)
	Acceptable Video Signals	480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i The following items are available for HDMI input only: 1080/60p, 1080/50p, 1080/24p, 3840 x 2160/24p, 3840 x 2160/25p, 3840 x 2160/30p, 3840 x 2160/60p, 4096 x 2160/24p, 4096 x 2160/60p
	Anamorphic	Yes, lens-less anamorphic via picture position
	Deep Color	Yes
	Film Mode	Yes
	Lens Shift Function	Yes 80(v), 30(h)
	Motionflow™ Technology	Yes (120 Hz with Dark Frame Insertion)
	Picture Position	Yes, 5 Modes (including lens-less anamorphic)
	Pixel Alignment	Yes, 0.1 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), DCI, Adobe RGB	

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. Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Telecommunications Industry Association ([www.eiae.org](http://www.eiae.org)).

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