SONY

VPL-VW600ES

Sony 4K Home Theater ES Projector

Get the clarity of Sony's SXRD™ 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

- 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 SXRD™ 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

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 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.[3] 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

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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.[2]

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
	Simulated 3D	Yes
	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 × 2160 (Full 4K)
Display Features		
Display Features	Display Technology	SXRD™ Technology
General		

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General		
General	Integration Partner	Yes (Control4 Certified, AMX Device Discovery, Crestron Integrated Partner, Savant Partner in Excellence, RTI & URC)
	Lens	14 element with aspheric front element and 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
	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) Instruction Manual AC Cord Size AA batteries x 2 Certificate for two RF 3D glasses (TDG-BT500A) 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

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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)
Weights and Measurements		
Weights and Measurements	Dimensions (Approx.)	19 1/2 in x 18 1/4 x 7 31/32 in (49.6 x 46.4 x 20.2 cm)

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.