

SONY

VPL-VW675ES

4K Home Theater ES Projector

Advanced SXRD® panel technology delivers incredible 4K HDR images with four times the resolution of Full HD. You'll experience rich colors, impressive 1800 lumens brightness and huge 350,000:1 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 / 350,000:1 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
- Easy adjustment between Cinemascope and 16:9 for movie lovers
- Compact size and front exhaust for flexible installation
- Built in RF 3D² transmitter
- More color, depth and realism with TRILUMINOS® color
- Up to 6,000 hours long lasting lamp

Features

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 a picture that's so incredibly lifelike, it's like looking at the real thing. This is the same resolution defined by Digital Cinema Initiatives for cinema distribution, with pixels one quarter the size of those used by traditional Full HD 1080p projectors. See corner-to-corner clarity and watch movies from much closer than you would in Full HD.

350000:1 dynamic contrast for stunning realism

A dynamic contrast of 350000:1 makes every scene spring to life with fine detail and realism. The powerful video processor is combined with lens iris control to achieve both deep, inky blacks and vibrant color.

HDR compatibility: every image comes to life

Make the most of your projector's potential with High Dynamic Range. The superior brightness and expanded contrast range of content produced in High Dynamic Range delivers outstanding clarity and accuracy in every image.

Picture position Memory stores your settings

Lens, zoom, and shift settings for up to five screen formats can be stored for easy recall. Picture Position Memory remembers key settings so you can quickly watch movies in the ideal format. Match aspect ratios, including 16:9 and Cinemascope, and store these settings in the projector.

1800 lumens for high brightness

Savor the action with the brightness you need to get high contrast across the screen. A 280W lamp generates the brightness required for vibrant images on screens up to 300" (762cm) diagonally.

Reality Creation upscales your favorites

Upscale your existing Blu-ray Disc™ and DVD movies to near 4K quality³. The super-resolution Reality Creation 4K upscaler analyzes every pixel in any direction, then employs a digital signal processing algorithm to map pixels against an ever-evolving picture patterning database, compiled from over 10 years of expertise, to enhance colors, contrast, and textures.

Support for latest standards

The VPL-VW675ES 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.

Motorized zoom lens and wide lens shift

Installing this projector in your room is easy with a 2.06 motorized zoom with a wide lens shift range. Adjust the position of the projector up to 85% vertically and 31% horizontally to get just the right angle for your movies.

See deeper blacks with 4K SXRD™ panels

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Advanced SXRD™ (Silicon X-tal Reflective Display) panels with an ultra-fast response rate of 2.5 milliseconds minimize the space between pixels for a smoother, more detailed image. Consisting of a thin LCD layer backed with a highly reflective silicon plate, SXRD splits the white light of the lamp into different colors using mirrors and sends them to a red, green, and blue panel in 4K resolution. Light passes in and out of each panel, allowing more effective light blocking for exceptionally deep blacks.

Action stays smooth with Motionflow™

Whatever you're watching, you'll enjoy a silk-smooth on-screen look in fast-moving action sequences with Motionflow. This innovative technology creates and inserts extra frames between the original frames, first comparing key visual factors on successive frames, then calculating the split second of missing action in the sequences. True Cinema 24p mode mimics true movie projection for cinema purists.

Colors come alive with TRILUMINOS®

Discover true-to-life colors and tones. The VPL-VW675ES incorporates TRILUMINOS® color, reproducing more tones and textures than a standard projector system. 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 skin tones more faithfully reproduced.

Select from nine picture calibration modes

Quickly calibrate the picture to what you're watching or playing. Select from nine picture calibration modes, including two cinema film modes, cinema digital, reference, TV, photo, game, bright cinema, and bright TV. An advanced HSV manual color tuning tool gives you even more control.

Built-in 3D transmitter synchronizes entertainment

An industry-standard RF 3D transmitter synchronizes the optional glasses with the projector, so you can start watching 3D movies quicker². Upscale 2D films to 3D and enjoy classic movies in a whole new dimension.

Watch for longer with a 280W high-pressure lamp

Enjoy up to 6000 hours of watch time (in low mode) from a long-lasting mercury lamp. This means fewer lamp swaps, simpler maintenance, and lower running costs.

3-year limited warranty

All Sony Elevated Standard (ES) projectors enjoy 3-year limited warranties.

Specifications

3D Features		Test Pattern	Yes
2D to 3D Conversion	Yes	Display	
3D Glasses Brightness Adjustment	2 Modes, Standard and High	Aspect Ratio	17:9
Digitally Driven Panel	Yes	Display Resolution	4096 x 2160 (Full 4K)
Effect Adjustment(s)	Yes	Display Technology	SXRD™ Technology
Format(s)	Frame Packing/ Side by Side/ Over-Under/Simulated 3D/ESPN 3D format/ 720p / 60 SBS	Native Resolution	4K - 4096 x 2160
Signal	(HDMI inputs only) 1080:24p/60p/50p/60i/50i ; 720:60p/50p	Screen Size	60"-150" recommended
Simulated 3D	Yes	General	
Transmitter	Built-in RF	Integration Partner	Yes (Control4 SDDP, AMX Device Discovery, Crestron Connected, Savant Partner in Excellence, RTI & URC)
Convenience Features		Lens	14 element with aspheric front element
Image Flip	HV, H, V, Off	Projection Picture Size	60" to 150" measured diagonally
IR Receiver	Front & Rear, Front, Rear	General Features	
Multiple Language Display	15 languages (including English, French, Spanish, German and Chinese)	Acceptable Computer Signals	fH: 19 to 72 kHz, fV: 48 to 92 Hz, fV: 60 Hz
Power Save Mode	Yes	Information Menu	Horizontal and Vertical frequency display
Remote Control	Yes (RM-PJ28)	Input A	D-sub 15 Pin, Analog RGB/Component
		Lens Control	Motorized focus, shift and zoom
		Standby Mode	Yes

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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
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	
Color System	Auto, NTSC, PAL, SECAM
Video	
Brightness	1500 Lumens
Picture Modes	9 modes
Video Calibration Settings	10 Gamma Modes, HSV adjust by color, Custom Color Space
Video Features	
3D Anamorphic	Yes, 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

Color Space	Supports sRGB (Rec 709)
Deep Color	Yes
Film Mode	Yes
Lens Shift Function	Yes +85%/-80%(v), 31%(h)
Motionflow™ Technology	Yes (120 Hz with Dark Frame Insertion)
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
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)
Accessories	
Supplied Accessories	Remote Control (RM-PJ28) Instruction Manual AC Cord AA batteries x2 Lens Cap
Optional Accessories	
Optional Accessories	Ultra High Pressure Replacement Lamp (LMP-H230)

1. 4096 x 2160 resolution

2. Requires devices connected to the same wireless home network. Requires 3D content, 3D glasses, 3D emitter, and HDMI™ cable (at least 10.2 Gbps). Simulated 3D image will vary based on source content.

3. Upscaled, simulated and enhanced 4K images will vary based on source content.

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