



VPLVW295ES

4K SXR Home Cinema Projector

Bring lifelike pictures to your entertainment with the HDR compatible VPL-VW295ES Home Theater Projector, with native 4K image display, 1,500 lumens brightness and Reality Creation for enhanced detail.



Bullets

- Native 4K image display
- 1500 lm brightness
- Reality Creation for enhanced detail
- HDR Compatible (HDR10/HLG)

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 is incredibly lifelike, which is why it is the resolution defined by the DCI (Digital Cinema Initiative) for theater distribution. See corner-to-corner clarity and watch movies from much closer than you would in Full HD.

Motorized zoom lens and wide lens shift

Installing this projector in your room is easy with a 2.06x 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.

1500 lumens for high brightness

Savor the action with up to 1,500 lumens of brightness, generated by a 225-W lamp, for vibrant images even on screens up to 300"/762 cm (diag.).

Native 4K SXR panel

The advanced Silicon X-tal Reflective Display (SXR) panel technology featured in our digital theater projectors 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 deeper blacks with 4K SXR™ panels

Latest SXR panels deliver even better contrast, as well as native 4K resolution. With SXR projection, you'll see rich, inky blacks, clear cinematic motion and smooth images. Improvements to the reflective silicon layer now mean even better light control, for precisely delivered shadows and blacks.



Super-resolution Reality Creation for 4K Contents

Sony's exclusive Reality Creation technology analyzes images right down to the pixel level. It then employs pattern-matching algorithms developed over years of movie production to enhance details even without increasing digital picture noise. It also upscales existing Full HD Blu-ray Disc™ and DVD movies to near 4K quality.

Watch for longer with a 225-W ultra-high pressure lamp

Enjoy up to 6,000 hours of viewing time (in low mode) from a long-lasting lamp. This means fewer lamp swaps, simpler maintenance, and lower running costs.

4K Motionflow™

The powerful video processor in the VPL-VW295ES offers Motionflow™ for smooth and clear motion, even when viewing 4K content. Motionflow™ adds frames to reduce blur, while maintaining brightness, making it ideal for fast-moving sports content. Cinema purists can choose True Theater mode to retain the original 24fps.

HDMI 18 Gbps capable

With 4K HDR 60P content increasing, the VPL-VW295ES is HDMI 18 Gbps capable for smoother expressions of image gradations.

Colors come alive with TRILUMINOS™

Discover true-to-life colors and tones. The VPL-VW295ES 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.

HDR compatibility: every image comes to life

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

Ready for immersive 3D

The VPL-VW295ES has a built-in 3D transmitter that supports 3D video in a variety of formats, and can even convert your 2D movie classics to high-quality simulated 3D immersive video. The optional glasses use an industry-standard RF connection, making it easy to upgrade to a 3D theater experience.

HDCP 2.2 Compatibility

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

Select from nine calibrated picture modes

Quickly style the picture to what you're watching or playing. Select from nine calibrated picture



modes, including two theater film modes, theater digital, reference, TV, photo, game, bright cinema and bright TV. An advanced HSV (Hue Saturation Value) color tuning tool gives you even more control.

Environmental notice

The 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 association.

Make the home theater experience bigger and better than ever.

Sony 4K projectors are compatible with IMAX Enhanced content, making them ready to deliver the bigger, more breathtaking IMAX visuals you love in compatible content. Take advantage of the size of your projector screen with movies that become even more immersive with IMAX Enhanced.

Specification

Display	
Display Resolution	Computer signal input: Maximum display resolution: 1,920 x 1,080 dots (HDMI input only)/video signal input: 480/60p, 576/50p, 720/60p, 720/50p, 1080/60 i, 1080/50 i, 1080/60p, 1080/50p, 1080/24p, 3840 x 2160/24p, 3840 x 2160/25p, 3840 x 2160/30p, 3840 x 2160/50p, 3840 x 2160/60p, 4096 x 2160/24p, 4096 x 2160/25p, 4096 x 2160/30p, 4096 x 2160/50p, 4096 x 2160/60p
Display System	4K SXRD panel, projection system
Light source	High-pressure mercury lamp, 225 W type
Eco and energy saving	
Power Consumption (Networked Standby Mode)	1.0 W (LAN) (when "Remote Start" is set to "On") When a LAN terminal is not connected, it goes into low power consumption mode (0.5 W).
Power Consumption (Standby Mode)	0.4 W (when "Remote Start" is set to "Off")
Standby Mode Activated	After about 10 Minutes
General Features	
Effective Imager Size	0.74" x 3
Effective pixels	26,542,080 (4096 x 2160 x 3) pixels
Projection lens shift	Vertical: +85% -80% Horizontal: +/-31%
SCREEN SIZE	60" to 300"/1,524 mm to 7,620 mm (diag.)

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Hardware	
Projection lens zoom / focus	Powered (Approx. x2.06)
Interface	
Input and Output Terminals	HDMI (2 INPUTS) - Digital RGB/Y Pb/Cb Pr/Cr, IR IN - Minijack, LAN - RJ45, 10Base-T/100BASE-TX, REMOTE - RS-232C, D-sub 9-pin (male), TRIGGER - Minijack, DC 12 V Max. 100 mA, USB - DC 5 V, Max. 500 mA
Operating Conditions	
Operating temperature / humidity	41 °F to 95 °F (5 °C to 35 °C)/35% to 85% (no condensation)
Storage temperature / humidity	-4 °F to +140 °F (-20 °C to +60 °C)/10% to 90% (no condensation)
Power	
Acoustic noise	26 dB
Power consumption	390 W
Power requirement	AC 100 V to 240 V, 4.0 A to 1.7 A, 50/60 Hz
Size & Weight	
Dimensions (W x H x D)	19 1/2" x 8 3/32" x 18 1/4"
Weight	Approx. 31 lb (14 kg)
Video Features	
Color Light Output	1500 lm (Lamp mode: High)
Light Output	1500 lm (Lamp mode: High)

1. 4096 x 2160 resolution
2. Upscaled, simulated and enhanced 4K images will vary based on source content.
3. 3D glasses (TDG-BT500A) are optional; requires 3D content, a 3D player, and an HDMI cable (at least 10.2 Gbps).
4. Requires HDMI® cable sold sep.
5. Requires HDR compatible content from supported streaming services, such as Amazon Video.

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