SONY

VPLVW1025ES
Sony 4K HDR Laser Home Theater Projector

The wonder of the cinema comes home with 4K HDR clarity. [1] The X1™ processor for projector and a 2,200 lumen Z-Phosphor laser light source bring exceptionally bright and clear colors, contrast, and motion to all your content for over 20,000 hours of play time.[2] With the ARC-F lens equipped for ultra-crisp images, you'll wonder how you watched movies before installing the VW1025ES.

Bullets

- X1™ processor for projector brings you the best of Sony's image processing
- Dynamic HDR Enhancer brings a wider contrast range scene by scene for striking, realistic picture quality[4]
- Full 4K resolution with 4096 x 2160 pixels
- ARC-F lens delivers more crisp images from corner to corner
- High brightness of 2200 Lumens
- Highly efficient laser light source operates for over 20,000 hours [2]
- Dual contrast control engine with Dynamic Laser control & physical Advanced Iris
- Motionflow™ provides smooth motion for 4K [1] & HD
- Digital Focus Optimizer
- Enjoy High Dynamic Range (HDR) content in various formats [4]
- Advanced Reality Creation for upscaling and sharpening images without sharpening picture noise.[2]

Features

Sony X1™ processor for projector

X1™ processor for projector is an innovative technology that uses advanced algorithms to cut noise and boost detail with high-precision frame analysis.

Dynamic HDR Enhancer

Dynamic HDR Enhancer powered by X1™ for projector enhances contrast scene by scene in combination with laser and iris-controlled light output control to deliver stunning 4K HDR images.[1,4]

Native 4K resolution for lifelike pictures.

With more than four times the resolution of Full HD, [1] native 4K offers up to 8.8 million pixels (4096 x 2160) for a picture that's so incredibly lifelike, it's like looking at the real thing.

ARC-F lens delivers ideal clarity

The ARC-F lens features an 18-piece all-glass lens design, which faithfully transfers images from the 4K imagers to the entire screen, from edge to edge. Crisp picture quality is displayed as beautifully as it was captured.

2,200 lumens for spectacular brightness

With an impressive 2,200 lumens brightness and a spectacularly high contrast range, 4K images are clear and bright with sparkling highlights and rich, deep blacks.

Laser light source in compact chassis

This compact size home projector combines an advanced laser light source with Sony 4K SXRD™ panel technology.

Dual contrast control engine

Dynamic Laser control & Advanced Iris work together to deliver superb image quality with deeper blacks while maintaining bright highlights.

Motionflow™ provides smooth motion for 4K & HD

On-screen action looks smother with Motionflow™, even in 4K content. Action in movies, sports, and video games appears incredibly clear and lifelike, as if you were there in real life.

Digital Focus Optimizer for more accurate focus

With the Digital Focus Optimizer, image quality is actively refined and corrected during the viewing experience, ensuring your content always looks tack-sharp.

Picture position Memory stores your settings

Lens focus, zoom, and shift settings for up to five screen formats can be stored for easy recall. Picture Position Memories remember these 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.

Reality Creation upscales your favorites

Upscale your existing Blu-ray Disc™ and DVD movies to near-4K quality. [3] The super-resolution Reality Creation 4K upscale 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, enhancing colors, contrast, and textures without enhancing image artifacts.

SXRD™ Imagers times 3

Separate imagers for Red, Green, and Blue channels give you all 8.8 million pixels in full, rich color at every instant.

HDR Reference Mode option

HDR Reference Mode allows clipping for the brightest displayed pixels to create a richer gradation in bright parts of the scene and retain HDR that's true to the creator's intent.

Advanced SXRD panel for outstanding contrast

4K native SXRD panels produce outstanding native device contrast, reproducing deep blacks by improving the flatness level of the pixel surface.

Long lasting 20,000 hour Z-Phosphor light source

The ultra-pure, highly efficient laser light source provides years of illumination with a 20,000 hour rating.[2] No need to worry about when to replace the lamp.

Enjoy all types of content in 4K HDR.

Bring ultra high-definition images to all your content. The VPL-VW1025ES can project content at up to 60 frames per second (fps) in 4K for even smoother images with superior color and realism.[1, 4] Both 18 Gbps HDMI inputs support HDCP 2.2 so you can enjoy more of the latest 4K content services and full resolution gaming.

Input lag reduction for gamers.

Reduced input lag creates a better response time between control input and on-screen action, making video games perform better than ever before. Immerse yourself in your favorite games and beat your opponent to the punch.

Anamorphic lens compatibility for 4K signals (V-stretch for 4K)

Wide lens compatibility means that you can use your legacy anamorphic lenses with ease, even with 4K content. Watch your content in your favorite formats.

Colors come alive with TRILUMINOS™ Display

Discover true-to-life colors and tones. The VPL-VW1025ES incorporates TRILUMINOS™ Display 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 also look better, with skin tones more faithfully reproduced.

Short-throw lens available

In case the projector needs to be installed close to the screen, a short-throw lens is available to ensure that the picture quality stays just as beautiful as if it were far away.

IMAX Enhanced

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.[5]

Specification

Size & Weight	
DIMENSIONS (W X H X D)	22 1/16" x 8 25/32" x 19 17/32"
WEIGHT	Approx. 49 lb (22 kg)
Display	

SONY

DISPLAY SYSTEM	4K SXRD panel, projection system
DISPLAY RESOLUTION	720 x 576/50p, 720 x 480/60p, 1280 x 720/50p, 1280 x 720/60p, 1920 x 1080/50i, 1920 x 1080/60i, 1920 x 1080/24p, 1920 x 1080/50p, 1920 x 1080/60p, 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
LIGHT SOURCE	Laser diode
PICTURE PROCESSOR	X1™ for projector
General Features	
CONTRAST RATIO	∞: 1 (Dynamic Contrast)
EFFECTIVE DISPLAY SIZE	0.74" x 3
EFFECTIVE PIXELS	26,542,080 (4096 x 2160 x 3) pixels
PROJECTION LENS SHIFT	VPLL-Z7008 (Optional): Powered V ±50%, H ±18%, VPLL-Z7013 (Bundled): Powered V ±80%, H ±31%
THROW RATIO	VPLL-Z7008 (Optional): 0.85:1 to 1.06:11, VPLL-Z7013 (Bundled): 1.35:1 to 2.90:11
Hardware	
PROJECTION LENS ZOOM / FOCUS	Powered
Interface	
INPUT AND OUTPUT TERMINALS	HDMI (2 INPUTS)2 - 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 (2 INPUTS) - 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)/20% to 80% (no condensation)
STORAGE TEMPERATURE / HUMIDITY	10°F to +140°F (-10°C to +60°C)/20% to 80% (no condensation)
Power	
ACOUSTIC NOISE	24 dB3
POWER REQUIREMENT	AC 100 V to 240 V, 4.9 A to 2.2 A, 50/60 Hz
POWER CONSUMPTION	490 W
Video Features	

LIGHT OUTPUT	2200 lm
COLOR LIGHT OUTPUT	2200 lm
Eco and energy saving	
POWER CONSUMPTION (STANDBY MODE)	0.4 W (When "Remote Start" is set to "Off")
POWER CONSUMPTION (NETWORKED STANDBY MODE)	1.0 W (LAN) (When "Remote Start" is set to "On") When a LAN terminal is not connected, it becomes a low power consumption mode (0.5 W).
STANDBY MODE ACTIVATED	After about 10 Minutes
What's In The Box	
Remote Control (RM-PJ24) Size AA (R6) manganese batteries (2) AC Power Cord (1) Lens Cap (1)	Operating Instructions (CD-ROM) Quick Reference Manual Safety Regulations (1) Short Throw Lens - VPLL-Z7008 (Optional)

1. 4096 x 2160 resolution
2. Depending on usage environment.
3. Upscaled, simulated and enhanced 4K images will vary based on source content.
4. Requires HDR compatible content from supported streaming services, such as Amazon Video.
5. IMAX Enhanced content enables full IMAX Enhanced experience with compatible streaming services such as Fandango Now (US only) and BRAVIA CORE, or compatible content device connected via HDMI input (sold sep).