

SONY

VPL-VW995ES

4K HDR Laser Home Theater Projector

The wonder of the cinema comes home with 4K HDR clarity. ¹ A 2,200 lumen Z-Phosphor laser light source brings exceptionally bright and clear colors, contrast, and motion for over 20,000 hours of play time. With the ARC-F lens equipped for ultra-crisp images, you'll wonder how you watched movies before the VW995ES.



Bullets

- Highly efficient laser light source in compact size chassis
- Full 4K resolution with 4096 x 2160 pixels
- High brightness of 2200 Lumens
- Dual contrast control engine with Dynamic Laser control & physical Advanced Iris
- ARC-F lens delivers more crisp images from corner to corner
- Motionflow™ provides smooth motion for 4K & HD
- Picture Position Memories store your settings
- Enjoy High Dynamic Range (HDR) content in various formats³
- Advanced Reality Creation for upscaling and sharpening images without sharpening picture noise.²
- Compact size for installation flexibility.
- Laser light source operates for over 20,000 hours

Features

Laser light source in compact chassis

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

Native 4K resolution for lifelike pictures.

With more than four times the resolution of Full HD, ¹ 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.

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.

Dual contrast control engine

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

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.

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.

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 Compatible

Take full advantage of the latest content produced with HDR (High Dynamic Range) for extremely wide contrast range with an even higher range of brightness levels and volume of colors.

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.

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Motionflow™ provides smooth motion for 4K & HD

On-screen action looks smoother 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.

Advanced SXR panel for outstanding contrast

4K native SXR 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. No need to worry about when to replace the lamp.

Reality Creation upscales your favorites

Upscale your existing Blu-ray Disc™ and DVD movies to near 4K quality.² 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 without enhancing image artifacts.

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.

Enjoy all types of content in 4K HDR.

Bring ultra high-definition to everything. The VPL-VW995ES can project content at up to 60 frames per second (fps) in 4K for even smoother images with superior color and realism. 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-VW995ES 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 look better, too, with skin tones more faithfully reproduced.

Built-in 3D transmitter synchronizes entertainment

A built-in 3D transmitter synchronizes the optional glasses with the projector, so you can start watching 3D movies quicker.³ Upscale 2D films to 3D and enjoy classic movies in a whole new dimension or watch anamorphic images and 3D films simultaneously without changing the lens. High-emission power gives you a strong signal anywhere in the room.

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.

Specifications

3D Features		
	3D capability	Active
3D Features	Simulated 3D	Yes
Display		

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Display	Display Technology	Display Device: SXRD 0.74" x3
	Screen Size	Projection image size: 60"-300
	Display Resolution	4096 x 2160 Display Performance (Display resolution): Up to 4096/60p
Display Features	Light source	Power: 343W Type: Laser Diode Life: 20,000 h
	TRILUMINOS Display	Yes
General Features		
General Features	Blanking	Yes
Inputs and Outputs		
Inputs and Outputs	HDCP	all inputs: 2.2
	HDMI™ Connection(s) (Total)	HDMI: 2 HDMI Dynamic Range: Yes HDMI Signal Format: Standard/Enhanced
	IR Input(s)	1
	RS-232C Input(s)	1 (male)
	USB	1 (for Update)
	LAN terminal	1
Operating Conditions		
Operating Conditions	Operating Humidity	%20 to 80%
	Operating Temperature	41°F to 95°F (5°C to 35°C)
	Storage Humidity	%20 to 80%
	Storage Temperature	10°F to +140°F (-10°C to +60°C)
Optical		
Optical	Projection Lens	Powered Zoom: Powered, Zoom Ratio: x2,1 Lens shift: V: Powered Max.range @17:9: +80%/-80% (Z7013),+50%/-50% (Z7008) H: Powered Max.range @17:9: +31%/-31% (Z7013) +18%/-18% (Z7008) OP lens: Yes (Default Z7013)
	Throw Ratio	Wide: 1.35 (Z7013) / 0.85 (Z7008) Tele: 2.90 (Z7013) / 1.06 (Z7008)
Optional Accessories		
Optional Accessories	Optional Accessories	PSS-H10 TDG-BT500A
Accessories		
Accessories	Supplied Accessories	Remote Control: RM-PJ24 (1) Size AA (R6) manganese batteries (2) AC Power cord (1) Local (ex.US/JP/CN) Operating Instruction (CD-R) (JP /US /FR/ ES/ DE/ IT/ RU/ CT/ CS) Quick Reference Manual (1) (JP /US /FR/ ES/ DE/ IT/ RU/ CT/ CS)
Video		

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Video	Brightness	Light output: 2,200 lm (2D (lm))
	Contrast Ratio	∞: 1
Video Features		
Video Features	Anamorphic	Yes
	Clear White	H/L/Off
	Color Correction	On/Off
	Color Space	BT.709/BT.2020/CS1-3/Custom
	Color Temperature	D93 /D75 /D65 /D55 /Custom1-5
	Contrast Enhancer	H/M/L/Off
	Gamma Correction	1-10 / Off
	Motionflow™ Technology	Yes (2K/4K)
	Picture Modes	9
	Picture Position	5(w Blanking)
x.v.Color™ Technology	Yes	
Power		
Power	Power Consumption (in Operation)	High 120V: 490 W High 220V-240V: 490 W
	Power Consumption (in Standby)	Standby: 0.4 W Network Standby: 1.0 W
Power Requirements	Power Requirements	AC100-240V 50/60 Hz
Weights and Measurements		
Weights and Measurements	Dimensions (Approx.)	22 1/16 x 8 25/32 x 19 17/32 (560 x 223 x 496 mm) (W x H x D) (without protrusions)
	Weight (Approx.)	49 lbs (22 kg)

1. 4096 x 2160 resolution

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

3. Requires HDR compatible content from supported streaming services, such as Amazon Video.

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All screen images simulated.

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