

SONY



# VPL-VZ1000ES

Ultra-Short Throw 4K HDR Home Cinema Projector



Don't limit  
your view



**Bring amazing big screen entertainment into any living space with the elegantly compact VPL-VZ1000ES Ultra-Short Throw 4K HDR Home Cinema Projector.**

Enjoy stunningly lifelike images over 100" across, with no need to re-arrange your current living room layout. Unlike ordinary projectors, there's no glare across the room to disturb your enjoyment, and no shadows blocking the screen when someone stands up.





## Breathtaking picture quality

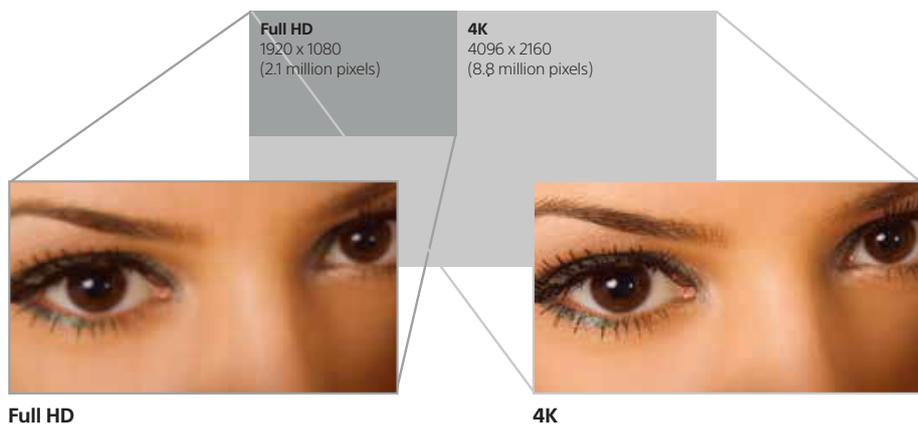
### Cinematic 4K clarity

With more than four times the resolution of Full HD, true 4K offers you 8.8 million pixels for incredibly lifelike images. The finest details are completely clear, without the jagged edges and visible pixels you'll often see with a conventional Full HD projector.

Sony's advanced SXR technology delivers stunning images in true 4K HDR, with rich colour and impressive contrast for sparkling highlights and deep, inky blacks.

The reliable, energy-efficient laser source ensures quick start-up, plus extended maintenance-free operation with no need for frequent lamp swaps.

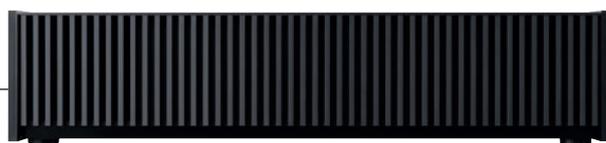
And with support for the latest 4K HDR picture standards, you'll keep enjoying incredible entertainment, today and tomorrow.



Simulated images

### Advanced SXR panel technology

Found in our professional cinema projectors, advanced SXR panel technology reduces the spacing between individual pixels for ultra-real, high-contrast native 4K images.



## HDR Compatible

Take full advantage of High Dynamic Range (HDR) content in 4K 24p and 4K 60p, for stunning contrast and an impressive range of brightness levels even in detailed dark scenes. Average screen brightness can be adjusted as an extra refinement to suit your environment and viewing preferences while maintaining accurate HDR reproduction.



SDR (Standard Dynamic Range) input



HDR input

Simulated images

## Enjoy more content with 4K resolution

Watch your current Full HD Blu-ray™ or DVD movie collection upscaled for a thrilling 4K experience. Our Reality Creation technology intelligently enhances Full HD content, restoring extra detail that's been lost from the original master during transfer to disc. It even upscales 3D movies for viewing in 4K.

## High brightness and contrast

With 2,500 lumen brightness and a spectacularly high contrast range, you'll enjoy true 4K images with sparkling highlights and rich, deep blacks.



## TRILUMINOS Display

The projectors' optical engine and SXRD panels incorporate TRILUMINOS Display technology to reproduce an extended colour palette. You'll see the difference with a wider range of tones and textures than a standard projector for greater purity, depth and realism.



Simulated image

# Easy integration



80-120 in. diagonal



Projector placed 6-10 inches from the wall

## Always see the big picture

The VPL-VZ1000ES is designed with flexible installation in mind – whether it's floor mounted, ceiling mounted or used for rear projection. Place the Ultra Short Throw projector next to a wall and enjoy an 80" (diagonal) display. With the projector 26 cm (10.2") away from the wall, image size increases to a spectacular 120".

## 4K Motionflow

4K Motionflow cleverly adds extra frames to reduce blur and maintain brightness in thrilling, fast-moving scenes such as 4K sporting events. Cinema purists can choose True Cinema mode to retain the original 24 fps.



## Blend in design

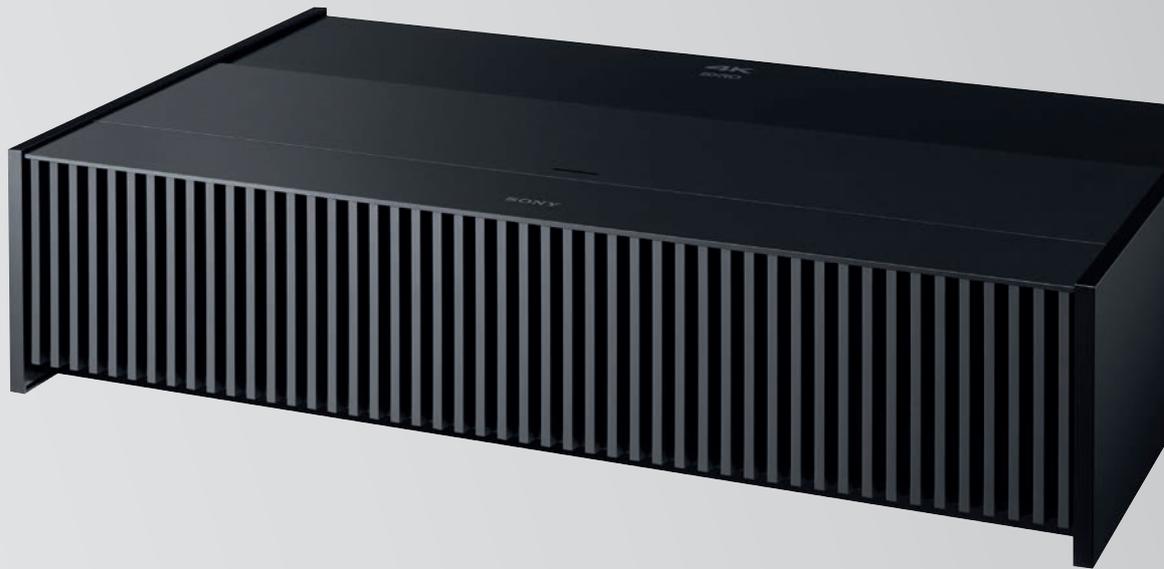
The VPL-VZ1000ES fits discreetly into any interior, thanks to its Ultra Short Throw (UST) design and integrated side covers to conceal cabling.

## Fits any room

The compact projector complements any room, bringing you immersive 4K entertainment in living spaces where a home cinema projection experience may not previously have been practical.

## Electronic panel alignment

Ensures red and blue elements in each pixel are precisely positioned against green. Adjustments can be made by as little as 0.1 pixels for optimum clarity.



# User friendly

## Quick On/Off

Don't keep your audience waiting. You're all ready to start the show faster than conventional lamp projectors.

## Virtually no maintenance

The reliable, energy-efficient laser light source reduces lifetime running costs compared with traditional lamp-based projectors. Replacement cycles reduce maintenance overheads even further.

## Low fan noise 24dB\*

Whisper-quiet fan noise minimises disturbance so your audience can focus on the show.

## HDCP 2.2 compatibility

All HDMI inputs are compatible with the latest HDCP 2.2 content protection standard, ensuring you're ready for today's premium 4K content – and tomorrow's.

## USB updates

You're always up-to-date with latest projector firmware updates via the USB port.

## Low latency mode

It's all about that winning edge. Experience our fastest ever response time between your controller and what's on screen for ultimate gaming action.

## Easy integration with home automation

Enjoy seamless connectivity with many leading home automation systems via RJ45(IP), RS-232C, TRIGGER and IR IN interfaces.

## Built-in auto calibration\*\*

Set-up is quick and easy: auto calibration ensures superb pictures without effort.

## Professional colour calibration

Precisely adjust hue, saturation and brightness of individual red, green and blue colours – and the whole colour space to achieve exactly the picture you want.

## Industry-standard RF 3D compatible

The built-in RF transmitter synchronises with any standard RF 3D glasses for wider coverage and greater stability, with no need for an external transmitter.

\* Dependent on the environment or how the projector is used. When under normal environment.

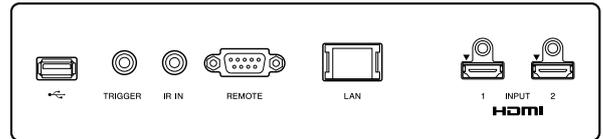
\*\* Adjusts White Balance only

## Optional Accessories

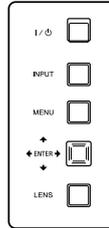


**X105-RF-X1**  
3D Glasses

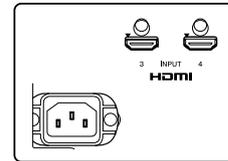
## Connector Panel



Side

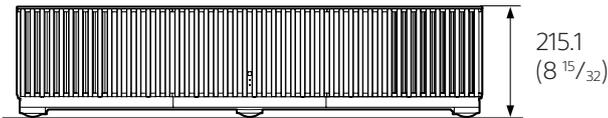


Rear

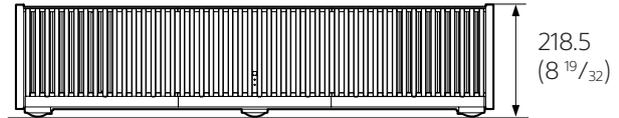


## Dimensions

Front



With side covers



Units: mm (inches)

### LASER NOTICES

For the U.S.A.  
IEC 60825-1:2007



For other countries  
IEC 60825-1:2014



CLASS 1 LASER PRODUCT



## PrimeSupportPro

Included at no extra cost, our initial **PrimeSupportPro** packages go beyond a standard warranty with access to expert technical assistance. Our multilingual helpdesk can answer everyday questions on setting up and using your product by phone or email. And if you do need repairs, we'll organise things quickly and efficiently, with free shipping and no hidden costs.

Service reference	PS.LASPROJPD.3	
Scope of support	Projector	Optical Block & Laser
Duration	3 years	7000 hours



## Specifications

		VPL-VZ1000ES
Display system		4K SXRD panel, projection system
Display device	Size of effective display area	0.74" x 3 SXRD
	Number of pixels	26,542,080 (4096 x 2160 x 3) pixels
Projection lens	Focus	Powered
	Zoom	Powered (Approx. x1.02)
	Lens shift	Powered Vertical: +/-6 % , Horizontal: +/-3 % <sup>*3</sup>
Light source		Laser diode
Screen size		80" to 120" (2030 mm to 3050 mm) <sup>*3</sup>
Light output		2500 lm <sup>*4</sup>
Colour light output		2500 lm <sup>*4</sup>
Contrast ratio		∞:1 <sup>*5</sup> (Dynamic Contrast)
Accepted digital signals <sup>*1</sup>		VGA, SVGA, XGA, WXGA(1280x768), Quad-VGA, SXGA, 720x480/60p, 720x576/50p, 1280x720/50p, 1280x720/60p, 1920x1080/50i, 1920x1080/60i, 1920x1080/24p, 1920x1080/50p, 1920x1080/60p, 3840x2160/24p, 3840x2160/25p, 3840x2160/30p, 3840x2160/50p, 3840x2160/60p, 4096x2160/24p, 4096x2160/25p, 4096x2160/30p, 4096x2160/50p, 4096x2160/60p
Colour bit depth		Up to 12 bit via HDMI
INPUT OUTPUT (Computer / Video / Control)	HDMI <sup>*2</sup>	HDMI (x4)
	Trigger	Mini Jack, DC 12 V Max. 100 mA
	Remote	RS-232C, D-sub 9-pin
	LAN	RJ-45, 10Base-T/100BASE-TX
	IR IN	Mini Jack
	USB	Type A, DC 5V, Max. 500 mA
OSD language		18-languages (English, Dutch, French, Italian, German, Spanish, Portuguese, Turkish, Polish, Russian, Swedish, Norwegian, Japanese, Simplified Chinese, Traditional Chinese, Korean, Thai, Arabic)
Acoustic noise		24 dB <sup>*6</sup>
Operating temperature / Operating humidity		5°C to 35°C (41°F to 95°F) / 20% to 80% (no condensation)
Storage temperature / Storage humidity		-10°C to +60°C (14°F to +140°F) / 20% to 80% (no condensation)
Power Requirements		AC 100 V to 240 V, 4.4 A to 1.9 A, 50 Hz / 60 Hz
Power consumption		436 W
	Standby	0.5 W (when "Remote Start" is set to "Off")
	Networked Standby	0.6 W (LAN) (when "Remote Start" is set to "On") When a LAN connector is not connected, the power consumption changes to low power consumption mode (0.5W)
Dimensions (W x H x D) (without protrusions)		925 mm x 218.5 mm x 493.8 mm (36 13/32 x 8 19/32 x 19 7/16 inches) (with side covers)
Mass		Approx. 35kg (77 lb) (without side and top covers)
Optional accessories		X105-RF-X1

\*1 60p, 30p, 24p include 59.94/60Hz, 29.97Hz/30Hz, 23.98Hz/24Hz

\*2 All HDMI inputs are compatible with HDCP2.2

\*3 For 16:9 display

\*4 The values are estimate.

\*5 This value is approximate. Depends on the projector setting condition and usage environment

\*6 They will depend on the environment or how the projectors is used. When under normal environment.

For further details of how to get a fully immersive 4K cinematic experience for your home visit:  
[www.pro.sony](http://www.pro.sony)

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