

# SONY



## Ultra-Short Throw 4K HDR Home Theater Projector **VPL-VZ1000ES**



**4K**

**HDR**



**TRILUMINOS  
DISPLAY**

**Z-Phosphor**  
LASER LIGHT SOURCE

**SXR**

# Don't limit your view

Ever dream of having large screen display in your room, but then wonder where it would go?

Well, wonder no more.

Now you can have an immersive experience with over 100" of 4K HDR picture quality in any room, with no limits on the design or layout of your home. Going from living space to theater has never been easier.

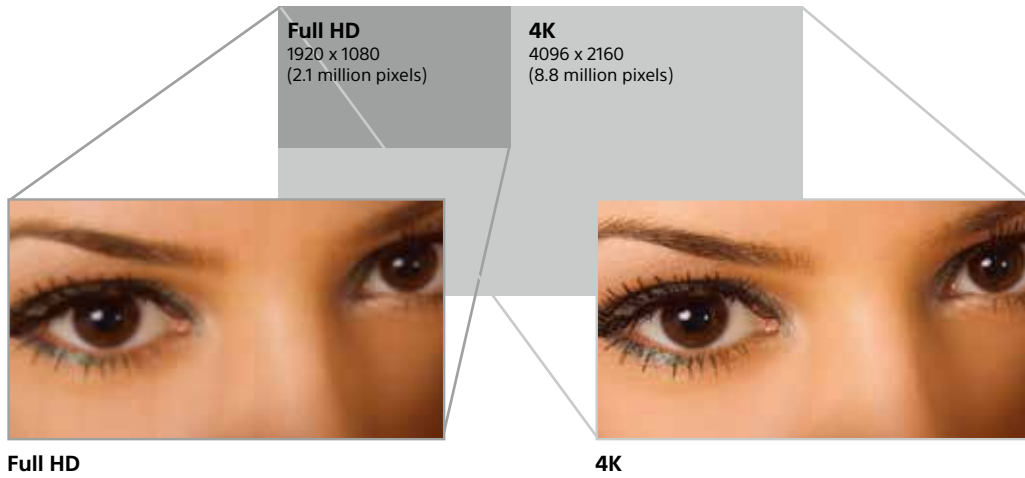
Unlock the walls of your imagination with the VPL-VZ1000ES ultra-short throw 4K HDR home theater projector.



# Breathtaking Picture Quality

## Real-life clarity with Cinematic 4K- over four times the detail of Full HD

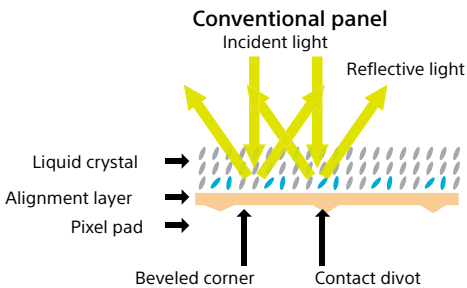
With more than four times the resolution of Full HD, 4K offers 8.8 million pixels for a picture that's so incredibly lifelike, you could believe you're looking at the real thing. Every detail is perfectly clear, with less jagged edges and visible pixels than with a conventional Full HD projector.



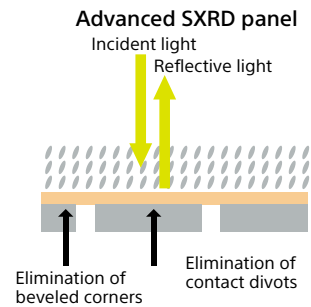
Simulated images

## Advanced SXR D Panels

The projectors' 4K native SXR D panels produce outstanding native device contrast, reproducing deep blacks by improving the flatness level of the pixel surface.



Scattered light diminishes black levels



High contrast and high reflectivity



Simulated images

## High brightness and contrast

With 2,500 lumen brightness and a spectacularly high contrast range, 4K images are clear and deep blacks.

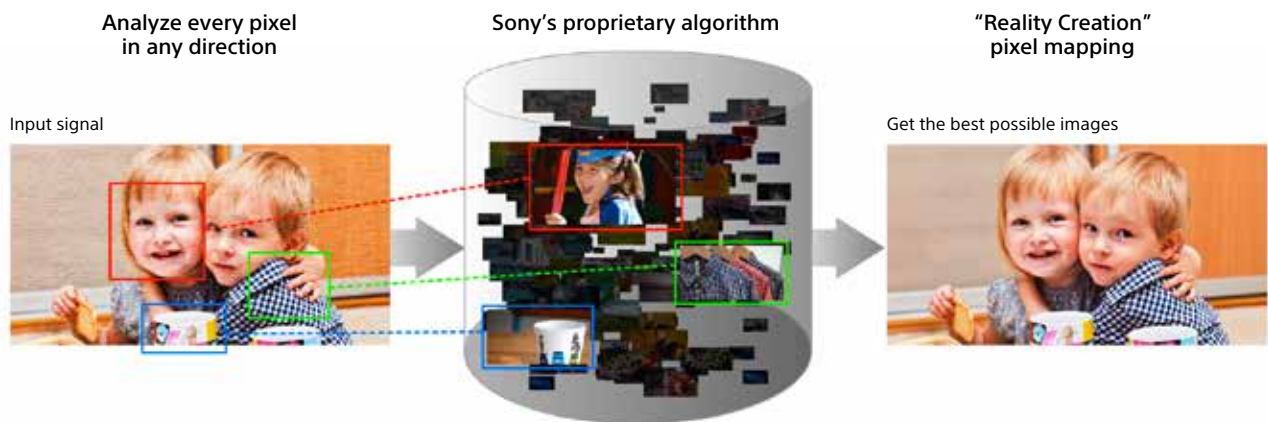


Simulated images

## Reality Creation: Enjoy A Variety Of Content In 4K

As well as 4K material, you can watch your current Full HD Blu-ray™ or DVD movie collection upscaled for a 4K experience. Reality Creation is a super-resolution technology that intelligently enhances Full HD content, even upscaling 3D movies for 4K.

The VPL-VZ1000ES incorporates improved Reality Creation which perfectly works with 4K content to get the best possible images.



Picture patterning based on 10 years of accumulated expertise

Simulated images



## HDR Compatible

This system complies with HDR (High Dynamic Range) both for 4K 24p and 4K 60p, enabling you to view the entire range of each image accurately and clearly. With the VPL-VZ1000ES, you can adjust average screen brightness, depending on your environment and preferences, while maintaining accurate HDR reproduction.



SDR\* input

\* Standard Dynamic Range



HDR input

Simulated images

## TRILUMINOS Display

The projectors' optical engines and SXRD panels incorporate our TRILUMINOS Display technology to produce a much broader color range, reproducing more tones and textures than a standard projector system. The result is greater purity, depth and realism.



Simulated images

## 4K Motionflow

We offer our Motionflow up to 4K, adding frames to reduce blur and maintain brightness in thrilling, fast-moving scenes. Cinema purists can choose True Cinema mode to retain the original 24 fps.



Without Motionflow



With Motionflow

Simulated images

# Installation Advantages

## Ultra-short throw distance for flexible installation

The VPL-VZ1000ES has been designed with flexible installation in mind. Place the projector next to a wall and you'll enjoy a beautiful 80" (diagonal) display; place the projector 26 cm (10.2 inches) away from the wall and this screen size increases to a huge 120". So whether it's placed on the floor, mounted on the ceiling or used for rear projection, you can be sure that you'll always see the big picture.



## Blend in design

Thanks to Ultra Short Throw (UST) projection and its blended in design, with side covers to conceal cabling, the display equipment fits perfectly into any room interior.



## Fits any room

Neat and compact, this is a projector that's ready for rooms of any size. Bring immersive 4K entertainment to places where projection may not previously have been possible.

Living room



Bed room



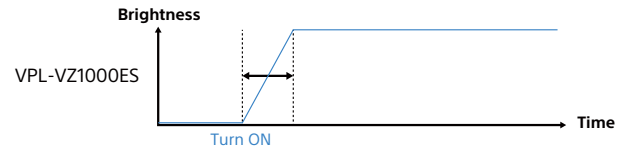
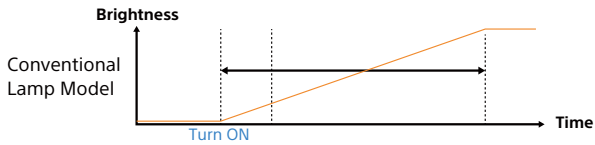
## Electronic Panel Alignment

Ensures the 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 Functions

## Quick turn On/Off

The laser projector can be turned on and off quickly.



## 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 for your audience.

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

## HDCP 2.2 Compatibility

All HDMI inputs are compatible with HDCP 2.2 - the latest content protection standard - ensuring readiness for future premium 4K content.

## USB Updates

To get the best from your projector, there's a USB port for the latest firmware updates.

## Low Latency Mode

A feature for gamers. Experience our fastest ever response time between your controller and the screen for ultimate gaming action.

## Easy Connectivity for Home Automation

Complies with many home automation systems via an 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.

\*This function adjusts only the White Balance

## Professional Calibration

A correction tool allows you to adjust the hue, saturation, and brightness of each color and the color space for red, green and blue respectively, to get exactly the picture you want.

## Industry-standard RF 3D Compatible

A built-in RF transmitter synchronizes with any RF 3D glasses for wider coverage and greater stability, and there's no need for an external transmitter.



## PrimeSupport Pro

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

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: Vertical: +/-6%, Horizontal: +/-3%*3
Light source	Laser diode	
Screen size	80" to 120" (2030 mm to 3050 mm)*3	
Light output	2500 lm*4	
Color light output	2500 lm*4	
Contrast ratio	∞:1*5 (Dynamic Contrast)	
Accepted digital signals*1	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, 3840x2160/30p, 3840x2160/50p, 3840x2160/60p, 4096x2160/24p, 4096x2160/25p, 4096x2160/30p, 4096x2160/50p, 4096x2160/60p	
Color bit depth	Up to 12 bit via HDMI	
INPUT OUTPUT (Computer / Video / Control)	HDMI*2	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*6	
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	Standby	435 W
	Networked Standby	0.5 W (when "Remote Start" is set to "Off") 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)	
Supplied accessories	TDG-BT500A	

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

\*2 All HDMI inputs are compatible with HDCP 2.2

\*3 For 16:9 display

\*4 The values are estimate.

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

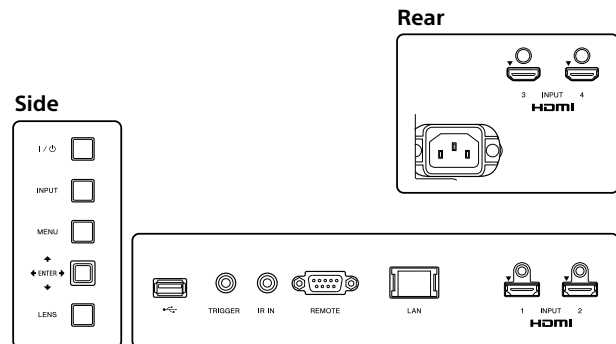
\*6 They will depend on the environment or how the projectors is used. When under normal environment.

## Optional Accessories



TDG-BT500A  
3D Glasses

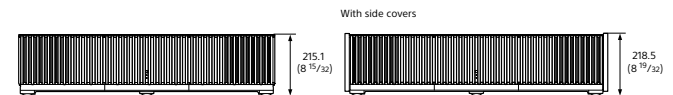
## Connector Panel



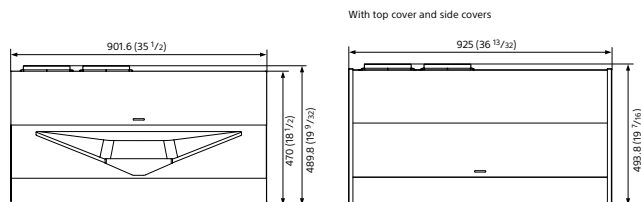
## Dimensions

Units: mm (inches)

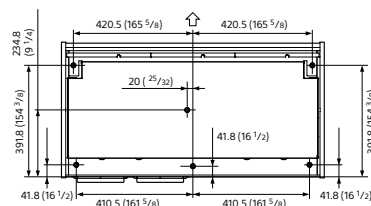
### Front



### Top



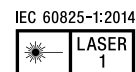
### Bottom



#### LASER NOTICES

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

For other countries  
IEC 60825-1:2014



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