

SONY

# Immersive Entertainment

SXRD™ Home Cinema Projector Range

Z-Phosphor

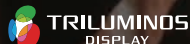
4K

4K  
HDR



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# Extraordinary entertainment



Imagine your favourite movies in true cinematic detail. From 4K to Full HD, create a real movie theatre feel at home.

4K gives you more than four times the resolution of Full HD, the same as you would see at a professional cinema. Our 3D projectors bring the action to life with incredible impact.

## VPL-VW5000ES

The world's most advanced home cinema projector combines an advanced laser light source with the same Sony 4K SXRD panel technology that's found in our professional cinema projectors, so it's an unforgettable experience, whatever you're watching.



## VPL-VZ1000ES

We have combined the best of our projector technologies: 4K, laser light source and ultra-short-throw capabilities into our VPL-VZ1000ES. Designed perfectly for home cinema use in any home theatre or living room space for the best experience possible.





## VPL-VW870ES

Our newest laser projector features the latest 4K processor for home cinema projectors, plus Reality Creation technology to analyse and upscale content so you get the best from your library. New Digital Focus Optimiser technology further enables complete clarity and focus.



## VPL-VW760ES

Move up to uncompromising true 4K image quality and pro-style features. The VPL-VW760ES raises the bar for the serious home cinema enthusiasts who demand nothing but the best in refined performance and elegant styling.



## VPL-VW570ES

Delivering the same, incredible native 4K resolution, the VPL-VW570ES is ideal for home cinema enthusiasts. A smaller optical engine and compact design allows flexible installation in your movie room.



## VPL-VW270ES

The sophisticated styling of this projector blends effortlessly into any living room. Enjoy movies and streaming services in true 4K HDR clarity, with support for the latest picture standards and easy integration into the most ambitious home entertainment set-up.



## VPL-HW65ES

Our Full HD 3D projector produces an incredible cinematic experience, far beyond the reach of TV. Reality Creation upscales your movies and SXRD panels synchronise with your 3D glasses for remarkable impact.



## VPL-HW45ES

Enjoy a high-impact, great value home cinema experience, bursting with detail. Advanced SXRD panels, Reality Creation and 1,800 lumens brightness mean you'll see your favourite films like never before.



## UBP-X1000ES

Immerse yourself in the highest quality images and sound with this precision crafted universal player. Enjoy content in a huge range of formats, including movies on disc and video streaming services in 4K HDR.





# 4K HDR: the ultimate,

See the truly bigger picture with 4K HDR. You'll see the movie the director intended you to see – every detail, every texture, every tone.



# fully immersive visual experience



## 4K native resolution: no compromise

Our 4K Home Cinema projectors offer 4096 x 2160 resolution, more than four times the resolution of Full HD. The 4K SXRD panels have been developed by Sony using 4K technology from our professional cinema projectors. They deliver a native 4K picture with no electronic enhancement of pixels.

## Reality Creation 4K upscaling of Full HD content

In addition to supporting 4K native resolution, our 4K projectors also feature the latest 4K processor for our Reality Creation technology, an exclusive Super Resolution upscaler. It dramatically enhances high definition 1080p content, so you'll get the most from your existing Blu-ray Disc™ libraries at home. For greater versatility, it can also display Full HD, 3D and even 4K upscaling of 3D movies.

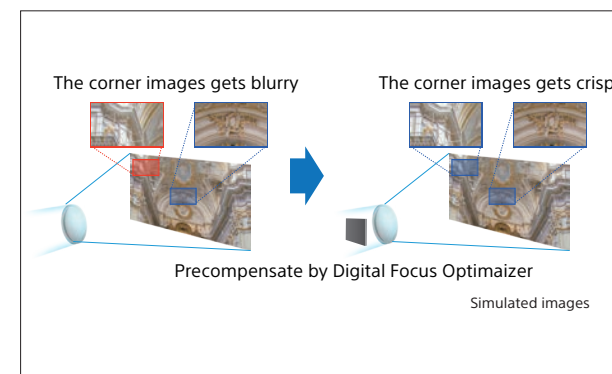
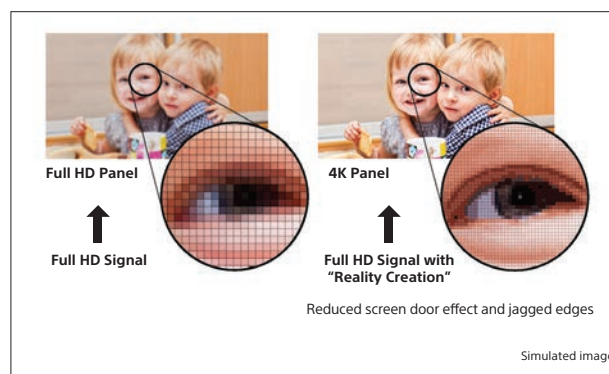
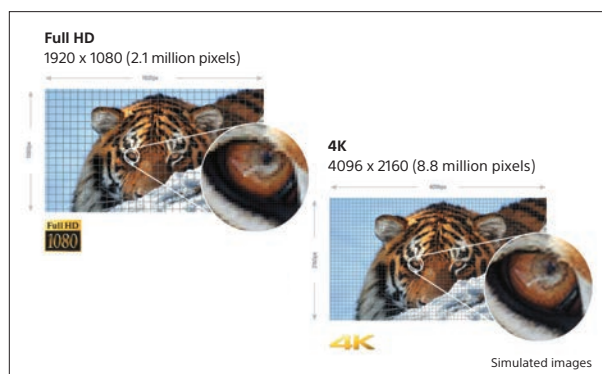
## Digital Focus Optimiser

In collaboration with 4K Reality Creation, the projector will digitally compensate for any focus or abnormalities in the lens profile to create exceptional detail across the whole image. (VPL-VW870ES only)

## High Dynamic Range (HDR)

View a wider range of brightness levels with HDR, the emerging video format that allows content creators to expand their range of creativity. Watch content broadcast in 4K HDR thanks to HLG compatibility as well as on 4K blu-ray disc and from video service providers like Netflix and Amazon.

(VPL-VW5000ES, VPL-VW870ES, VPL-VW570ES, VPL-VZ1000ES, VPL-VW270ES and VPL-VW760ES)



# Advanced SXRD panels for truly cinematic **4K and Full HD** resolution

Highly developed SXRD panels produce an ultra-smooth native picture by dramatically reducing the space between pixels at a super-fast speed.

## SXRD



Digital drive panels minimise the space between pixels, aligning red, green and blue areas in every frame at an incredible response rate of 2.5-milliseconds. That's much faster, and more stable, than an LCD TV, producing ultra-smooth, dot-free pictures with natural, fluid movement.

### 4K native resolution: over 4x better than Full HD

No compromises: the VPL-VW870ES, VPL-VW570ES, VPL-VZ1000ES, VPL-VW5000ES, VPL-VW270ES and VPL-VW760ES provide 4096 x 2160 4K resolution (the DCI standard in digital cinemas). We used our professional cinema expertise to develop 4K SXRD panels and produce a 4K native picture with no artificial enhancement of pixels.



The typical 'screen door' effect seen on projectors without SXRD technology.

### Full HD 3D with Advanced Iris

SXRD panels with Advanced Iris technology in the VPL-HW65ES projector reduce pixel gaps and reproduce up to 240 frames per second for super-sharp images. Because our 3D glasses have a synchronised shutter speed, you'll also enjoy incredible high-definition 3D with minimal crosstalk.



The SXRD panel minimises the space between the pixels to 0.2µm.



# a multitude of picture and colour enhancement technologies

4K and Full HD 3D technologies offer true-to-life picture quality, but blowing them up to 300"/7.6m also means you'll notice any flaws. Our SXRD home cinema projectors have many features to ensure optimum picture quality.







## Reality Creation

Innovated for our 4K Home Cinema projectors, Reality Creation has now been adapted for our VPL-HW65ES and VPL-HW45ES projectors. It reproduces the colour and texture of the original 1080p content by restoring missing information lost during packaging of the original to disc. As a result, you can enjoy sharp and crisp Full HD pictures.

## Laser light source technology

**(VPL-VW870ES, VPL-VZ1000ES, VPL-VW5000ES and VPL-VW760ES only)**

The highly efficient laser light source delivers exceptionally bright pictures with excellent colour accuracy and stability, and significantly greater durability. Up to 20,000 hours of virtually maintenance-free operation can be achieved without the need for a lamp exchange. Save time and money, reducing the costs normally associated with bulb replacement.



## Superior Home Cinema for your living room

Conventional home cinema projectors typically enhance green colours to increase brightness, which compromises quality. Sony Home Cinema projectors use Bright Cinema and Bright TV Mode to retain high brightness without sacrificing colour reproduction or contrast, so you can enjoy a crisp, bright picture, even in a well-lit room.



Without Advanced Iris



With Advanced Iris

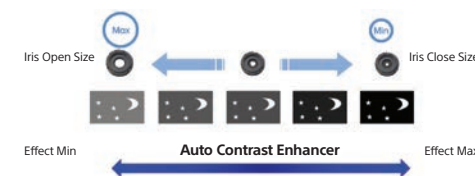
## Advanced Iris for optimum dynamic contrast\*

Don't miss out on the detail in dark scenes. Advanced Iris technology works like the human eye to produce the optimum dynamic contrast for the picture. The impact on image quality makes a real difference to your film picture, making your home truly feel like a cinema.

\*Except VPL-HW45ES, VPL-VW270ES and VPL-VW760ES

## Dual contrast engine

Through Sony's unique algorithm of controlled laser light levels and Advanced Iris technology, an exceptionally high dynamic range contrast ratio can be achieved. (VPL-VW870ES only)







Simulated images

## Colour as real as life

(VPL-VW5000ES, VPL-VW570ES, VPL-VZ1000ES, VPI-VW870ES, VPL-VW270ES, and VPL-VW760ES only)

From the deepest blues to the freshest greens and boldest reds, you'll experience colours as bright – and subtle – as real life. Our 4K projectors use unique TRILUMINOS™ technology to create a broader colour palette, so what you see on screen has greater purity, depth and realism.



**Motionflow**

## Motionflow

(VPL-HW45ES, VPL-HW65ES)

For fast-moving scenes our Motionflow technology displays twice as many images and transitions per second as Full HD for minimal blur. 'Combination' mode\* creates additional dark frames to reduce blur for more natural motion, while 'True Cinema' mode\* retains additional combined dark and artificial images to each frame.

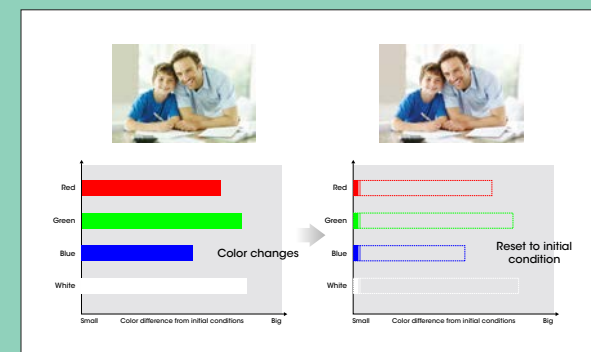
## 4K Motionflow

(VPI-VW870ES, VPL-VW760ES, VPL-VW570ES, VPL-VW270ES\*\*, VPL-VW5000ES and VPL-VZ1000ES)

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.

\*Not available on VPL-HW45ES

\*\*Impulse and Combination modes not available on VPL-VW270ES



## Auto Calibration

(VPL-VW5000ES, VPL-VW870ES, VPL-VW570ES and VPL-VW760ES)

After extended periods, colour can be automatically calibrated to the original factory condition. There's no need for extra calibration equipment or cameras; a built-in colour sensor stores all the necessary information.

## HSV manual Colour Correction

(All models)

A correction tool allows you to adjust the hue, saturation, and brightness of each colour to get exactly the picture you want.





# a breathtaking 3D experience



## Added impact with frame sequential display technology.

Our 3D Home Cinema projectors deliver high quality 3D pictures using specialist 3D active shutter innovation from Sony. Frame sequential display technology transmits alternate images to the left and right eye and synchronises them with the on-screen image for maximum resolution.



VPL-VW5000ES, VPL-VW870ES, VPL-VW570ES,  
VPL-HW65ES, VPL-HW45ES, VPL-VZ1000ES,  
VPL-VW270ES and VPL-VW760ES:

### Built-in RF 3D transmitter

There's no need for an external transmitter or cables. Our projectors have a built-in RF 3D transmitter and synchronise automatically with RF 3D glasses. The result is greater stability and wider coverage (up to a 10m radius). RF 3D glasses (X105-RF-X1) are an optional accessory – adding extra pairs means everyone can enjoy the full 3D impact.

# 3D – get closer to the action





Greater coverage and stability with RF 3D transmission.



### Built-in RF 3D transmitter

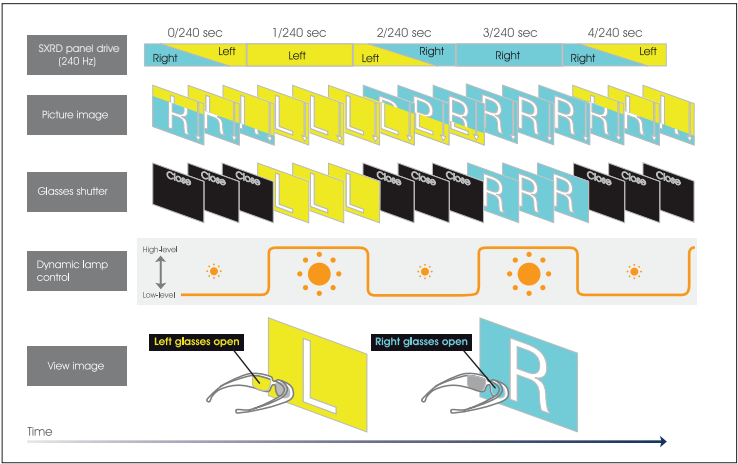
All models come with a built-in RF 3D transmitter to automatically synchronise with your RF 3D glasses. RF 3D glasses are an optional accessory.

	VPL-VW5000ES/VPL-VW870ES/ VPL-VW570ES/ VPL-HW65ES/ VPL-HW45ES/VPL-VZ1000ES/ VPL-VW270ES/VPL-VW760ES
Built In	RF
External (optional accessory)	N/A



### 2D to 3D conversion

Sony is leading the way with an ever-growing selection of movies, sports and TV programmes in 4K and Full HD 3D detail. Our 3D projectors also convert 2D pictures into 3D, so you can enjoy a classic movie in a whole new dimension.



### Separate 2D and 3D modes

As well as automatically recognising 2D and 3D content, our home cinema projectors allow you to pre-select from a range of viewing options: Standard, Dynamic, Cinema, Game and Photo.

### Adjustable settings

Sony 3D projector technology gives you extra control over the 3D picture. Adjust 3D depth and brightness to suit your room conditions or get the picture just how you like it.

# Incredible features for a

## Extremely low fan noise

Sony SXRD Home Cinema projectors run very quietly with an advanced air discharge system. Highly efficient cooling ensures fan noise is kept to a minimum, leaving you to concentrate on your movie or game without distraction.

## Suitable for home automation

Compatible with many home automation systems, including Crestron Connected, AMX and Control4 SDDP. The VPL-VW5000ES, VPL-VW870ES, VPL-VW570ES, VPL-HW65ES, VPL-VZ1000ES, VPL-W270ES, and VPL-VW760ES have an RS232 interface, RJ45 control and IR-IN terminal.





# superb cinematic experience

Our projectors are packed with innovative features which are easy to use and control.

## Adjustable Lens Shift

The projected image position (horizontal and vertical) can be easily adjusted with the Lens Shift function. It expands the projector's placement and installation options without distorting the image quality. The VPL-HW65ES and VPL-HW45ES can be adjusted 71% vertically and 25% horizontally; the VPL-VW5000ES, VPL-VW870ES, VPL-VW570ES, VPL-VW270ES, and VPL-VW760ES have a shift range of up to 85%\* vertically and 31% horizontally as well as a built-in motorised lens system.

\*80% for the VPL-VW870ES

## Panel alignment

To ensure the best possible results, all models feature electronic panel alignment for exact positioning of the red and blue elements in each pixel. Adjustments can be made by as little as 0.1 pixels to achieve optimum clarity.



## Picture Position Memory

**(VPL-VW5000ES, VPL-VW870ES, VPL-VW570ES, VPL-VZ1000ES, and VPL-VW760ES only)**

This feature remembers the position of the zoom lens. You can match it to a movie's aspect ratio (including 16:9 and Cinemascope) and store the settings for a future viewing.

## USB updates

To get the best from your projector, the VPL-VW5000ES, VPL-VW570ES, VPL-HW65ES, VPL-HW45ES, VPL-VZ1000ES, VPL-VW270ES and have USB ports to automatically receive the latest firmware updates, directly to the projectors.



16:9 Without Picture Position Memory



16:9 With Picture Position Memory

# VPL-VW5000ES

The world's most advanced 4K Home Cinema projector.

The new VPL-VW5000ES is the world's finest projector designed to bring real cinema home. Featuring stunning 4K resolution powered by a new laser light engine, 5,000 lumens of brightness and compatible with High Dynamic Range (HDR), it provides over 20,000 hours of virtually maintenance-free operation.

## Key Features:

- 4K resolution: 4096 x 2160 over four times the resolution of Full HD
- 5,000 ANSI lumens
- Up to 20,000 hours virtually maintenance-free laser technology.\*
- Instant on/off
- TRILUMINOS colour technology: wider colour range
- 4K Motionflow for super-smooth fluid action scenes
- Picture Position Memory
- ARC-F (All Range Crisp Focus) glass lens
- Low input lag for fast response gaming
- 4K/60 frames per second (new 4K standard)
- RF compatible for improved 3D viewing
- True 4K HDR – High Dynamic Range takes you closer still to reality with higher contrast, richer colours and a wider range of brightness levels from deep, dark blacks to bright, sparkling highlights. (HDR10 and HyLG)



\*Actual hours may vary depending on usage and environment



Laser light source –  
no lamp swaps

Z-Phosphor

Motionflow

TRILUMINOS  
DISPLAY

4K SXRD





# VPL-VW870ES

Home cinema entertainment at its very finest

Experience the cinema-quality entertainment you've always dreamed of. The beautifully styled VPL-VW870ES represents a new landmark in home cinema technology, achieving extraordinary levels of picture performance. The long-lasting laser light source delivers a powerful 2,200 lumen output for exceptional images, even in larger home cinema rooms and well-lit living spaces.

## Key Features:

- Advanced SXRD panel technology
- High brightness 2,200 ANSI lumens
- Up to 20,000 hours virtually maintenance-free laser technology\*
- ARC-F (All Range Crisp Focus) glass lens
- Digital Focus Optimiser ensures consistent and exceptional detail across the whole image
- Real-time control of laser light level and Advanced Iris for exceptional dynamic contrast
- 4K Motionflow for super-smooth, fluid action scenes
- Latest 4K processor
- Low input lag gaming
- Supports latest standards including 4K HDR 60p 10bit (HDR10/HLG)
- 18Gbps HDMI compatible inputs

\* Actual hours may vary depending on usage and environment



TRILUMINOS  
DISPLAY

4K

SXRD



Z-Phosphor



# VPL-VW760ES

Extraordinary picture performance: when only the very best is enough.

**Experience cinema-quality entertainment you've always dreamed of.** The VPL-VW760ES represents a new landmark in home cinema technology, achieving extraordinary levels of picture performance that you'd expect from a much bigger, more costly projector. The long-lasting laser light source delivers a powerful 2,000 lumen output. Laser light levels are precisely controlled in real time, assuring truly spectacular dynamic contrast range with the latest 4K HDR content.

## Key Features:

- Advanced SXRD panel technology
- High brightness 2,000 ANSI lumens
- Up to 20,000 hours virtually maintenance-free laser technology\*
- Cinematic 4K clarity with four times the detail of Full HD
- Real-time laser light level control for exceptional dynamic contrast
- Reality Creation upscales Full HD content to 4K
- Anamorphic lens compatibility for 4K
- TRILUMINOS technology for wider colour range
- Supports latest standards including 4K HDR 60p 10bit (HDR10/HLG)
- 18Gbps HDMI compatible inputs
- 4K Motionflow for super-smooth, fluid action scenes
- Rear fan exhaust for optimum picture quality
- Auto Calibration

\* Actual hours may vary depending on usage and environment



TRILUMINOS  
DISPLAY

4K

SXRD



Z-Phosphor





# VPL-VW570ES

For the serious home cinema enthusiast: a 4K projector, packed with advanced features.

**Imagine the fully immersive cinematic quality of 4K in your own home.** Perfect for home cinema enthusiasts, the VPL-VW570ES 4K projector gives you a 4096 x 2160 resolution picture, over four times better than Full HD. Its exceptionally high dynamic contrast ratio of 350,000:1 and 1,800 ANSI lumens brightness produce stunning detail and rich, faithful colour – even in well-lit rooms.

#### Key Features:

- 4K: over four times the resolution of Full HD
- Latest 4K processor
- Advanced SXRD panels and Advanced Iris technology
- High dynamic contrast ratio of 350,000:1
- High brightness: 1,800 ANSI lumens
- 4K Motionflow for super-smooth, fluid action scenes
- Reality Creation: 4K upscaling
- TRILUMINOS colour technology: wider colour range
- Supports latest standards including 4K HDR 60p 10bit (HDR10/HLG)
- 18Gbps HDMI bandwidth
- Picture Position Memory
- Built-in RF transmitter for improved 3D viewing
- Auto Calibration
- Low input lag for fast response gaming



# VPL-VW270ES

Cinematic home entertainment, delivered beautifully in true 4K HDR.

## Experience movies on disc and popular streaming services with true 4K clarity.

The VPL-VW270ES brings all your entertainment beautifully to life, with SXR panel technology delivering extraordinary clarity, colour and contrast. Support for HDR plus the latest picture standards ensures an unforgettable experience, now and in the future.

### Key Features:

- Advanced SXR panel technology
- Latest 4K processor
- Cinematic 4K clarity with four times the detail of Full HD
- Enjoy 4K HDR movies and streaming services with a wider range of brightness levels
- High brightness 1,500 ANSI lumens
- 4K Motionflow for super-smooth, fluid action scenes
- Reality Creation upscales Full HD movies to 4K
- TRILUMINOS technology for wider colour range
- Supports latest standards including 4K HDR 60p 10bit (HDR10/HLG)
- 18Gbps HDMI bandwidth
- Built-in RF transmitter compatible with standard RF 3D glasses
- Flexible connectivity and control options for versatile installation
- Low input lag for fast response gaming



4K

SXR





# VPL-HW65ES

Full HD 3D Home Cinema Projector for an incredible cinematic experience at home, far beyond the reach of TV.

The VPL-HW65ES Full HD 3D home cinema projector uses the very latest technology and delivers a premium home experience. Packed with many innovative features that draw on Sony's latest optical engine, it uses Reality Creation to dramatically enhance high definition content, reproducing colours and textures that are lost when movies are packaged to disc. It gives you crisper, sharper Full HD pictures, much closer to the 1080p original.

#### Key Features:

- Advanced SXRD panels and Iris3 technology
- Dynamic contrast ratio of 120,000:1
- High brightness: 1,800 ANSI lumens
- Bright Cinema and Bright TV modes
- Reality Creation
- Long-lasting lamp: up to 6,000 hours
- Motionflow: minimises blur in fast-moving scenes
- Built-in RF 3D transmitter
- RF 3D compatible (RF 3D transmitter and glasses are optional accessories)



home projector range - VPL-HW65ES 21



SXRD



# VPL-HW45ES

Come home to better looking movies – an outstanding cinematic experience.

The VPL-HW45ES is a fantastic option for movie lovers who want high-impact home cinema experience at great value. It's packed with our professional technology, including advanced SXRD panels and Reality Creation for an incredibly sharp, crystal clear picture, and with 1,800 lumens colour brightness, you'll see your favourite films at their best, in 3D or 2D.

#### Key Features:

- Cinema-quality advanced SXRD panels
- High brightness: 1,800 ANSI lumens
- Bright Cinema and Bright TV modes
- Contrast Enhancer function.
- Reality Creation
- Motionflow: minimises blur in fast-moving scenes
- Built-in RF 3D transmitter
- Wide lens shift for flexible installation
- Extremely low fan noise: 22db



SXRD





# VPL-VZ1000ES

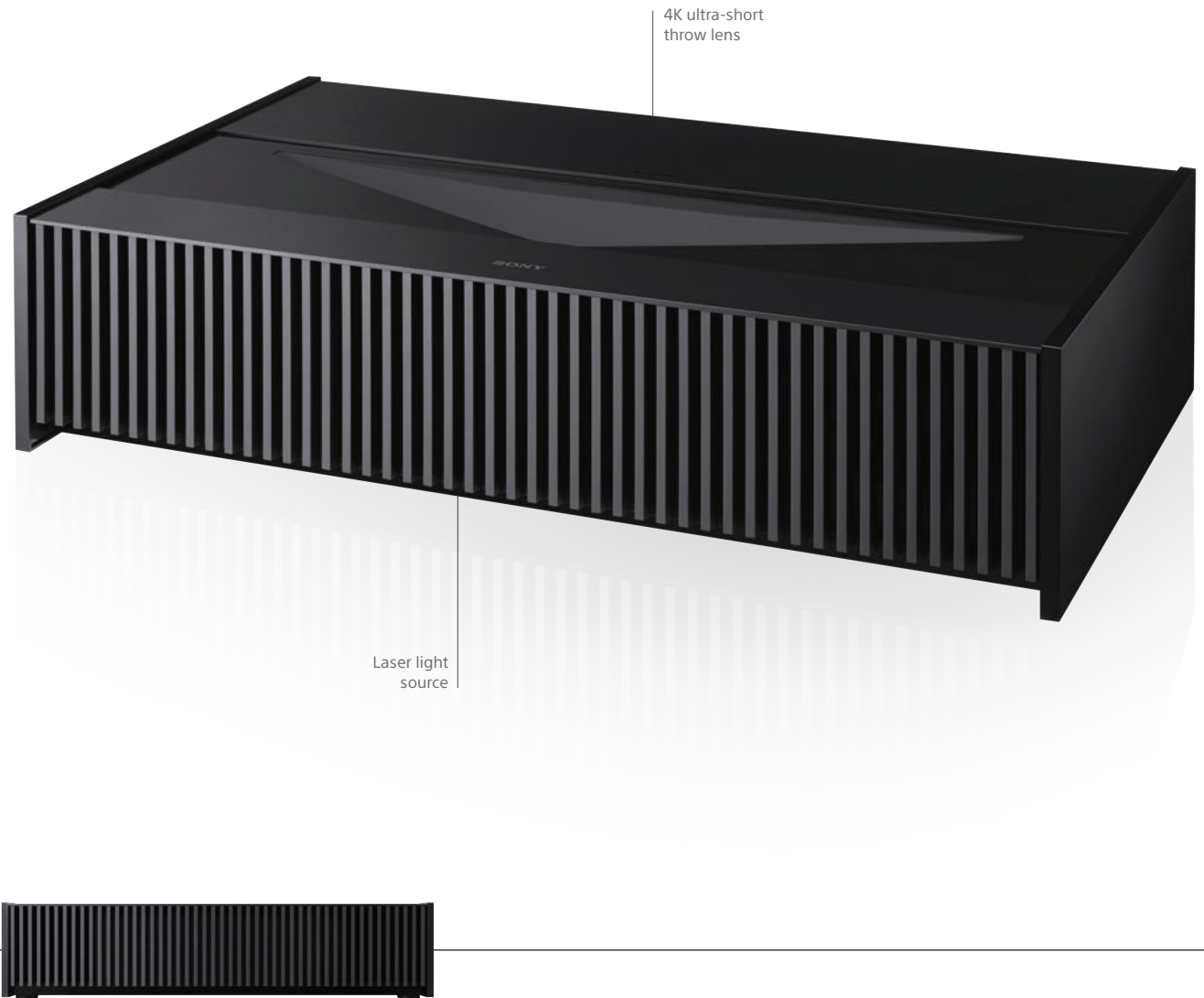
## 4K Ultra-Short Throw Laser Light Source Projector.

We have combined the best of our projector technologies: true 4K HDR, laser light source and ultra-short-throw capabilities into our VPL-VZ1000ES. Designed specifically for dedicated home cinema rooms and dark rooms for the best cinema experience possible.

### Key Features:

- High brightness: 2,500 lumens colour brightness, superb picture quality (4,096 x 2,160 pixels)
- 120 inches diagonal and zoom down to 80 inches\*
- 20,000 hours of virtually maintenance-free operation without the need for a lamp exchange
- Quick on/off
- Floor standing or ceiling mount, plus front or rear projection supported for flexible installation
- "Blend-in" design fits nearly any room decor and installation environment
- 4K Motionflow for super-smooth, fluid action scenes

\* When projecting in 17:9 format. Achieved by respective 7 inch and zero inch distance from screen.



# UBP-X1000ES

The 4K Ultra HD Blu-ray Disc Player that's made for immersive entertainment.

**This precision crafted universal player effortlessly reproduces the highest quality pictures and sound.**

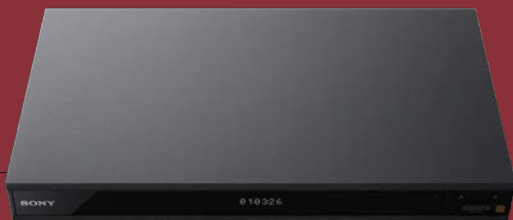
Compatible with a huge range of media formats and standards including 4K HDR and the latest streaming standards. And with support for object-based surround sound and Hi-Res Audio, you're assured of a thrillingly lifelike soundtrack to match. It's an ideal partner for today's complex home cinema environments, with generous connectivity and control options.

#### Key Features:

- Enjoy 4K HDR movies and streaming services
- Play virtually any disc or file format
- Dolby Atmos® 3D, DTS:X and Hi-Res audio
- Multi-room listening
- Bluetooth® for private listening on wireless headphones
- Highest quality premium construction with FB chassis
- Certified by leading home automation vendors
- PrimeSupport cover including advanced exchange (we'll send you a new model in the rare event your product fails)



Sony UBP-X1000ES  
November 2017





# technical glossary

## 4K resolution

4K

4K is fast becoming the standard resolution for the professional cinema market. It delivers 4096 x 2160 images, more than four times the resolution of Full HD. We used our professional cinema expertise to develop 4K SXRD panels for the VPL-VW5000ES, VPL-VW870ES, VPL-VW570ES, VPL-VZ1000ES, VPL-VW760ES, and VPL-VW270ES. They produce a 4K native picture with no artificial pixel enhancement.

## Reality Creation

Our exclusive Super Resolution upscaler, Reality Creation, dramatically enhances high definition content, allowing viewers to get the most from their existing Blu-ray Disc™ libraries. It reproduces colour and textures lost when the original content is packaged to disc.

## High Dynamic Range (HDR)

View a wider range of brightness levels with HDR, the emerging video format that allows content creators to expand their range of creativity. HDR content will be available from major video service providers like Netflix and Amazon Instant Video soon. (VPL-VW5000ES, VPL-VW870ES, VPL-VW570ES, VPL-VZ1000ES, VPL-VW760ES, and VPL-VW270ES only)



## TRILUMINOS™ Display

The VPL-VW5000ES, VPL-VW870ES, VPL-VW570ES, VPL-VZ1000ES, VPL-VW760ES, and VPL-VW270ES use our unique TRILUMINOS™ technology to produce a much broader colour range, reproducing more tones and textures than a standard projector system. The result is greater purity, depth and realism.

## Motionflow

(VPL-HW45ES, VPL-HW65ES)

For fast-moving scenes our Motionflow technology displays twice as many images and transitions per second as Full HD for minimal blur. 'Combination' mode\* creates additional dark frames to reduce blur for more natural motion, while 'True Cinema' mode\* retains additional combined dark and artificial images to each frame.

\*Not available on VPL-HW45ES

## 4K Motionflow

(VPL-VW870ES, VPL-VW760ES, VPL-VW570ES, VPL-VW270ES\*\*, VPL-VW5000ES and VPL-VZ1000ES)

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.

\*\*Impulse and Combination modes not available on VPL-VW270ES

## Noise Reduction

All models have the "Noise Reduction" function to reduce the roughness, or noise of the picture.

## Menu Position Change

It is possible to change the menu position display for easier picture adjustment.

## Crisp Focus Lens (ARC-F)

A specially developed crisp focus lens takes full advantage of 4K or Full HD resolution to deliver superior resolution and focus. (VPL-VW5000ES and VPL-VW870ES only)

## Anamorphic Zoom Mode

Anamorphic zoom mode allows the projectors to compress the image vertically so that the attached anamorphic lens can widen it horizontally – displaying films in the impressive 2,35:1 aspect ratio seen in cinemas.

# Home Cinema projector specifications



VPL-VW5000ES



VPL-VW870ES



VPL-VW760ES



VPL-VW570ES/B  
VPL-VW570ES/W



VPL-VW270ES/B  
VPL-VW270ES/W

	VPL-VW5000ES	VPL-VW870ES	VPL-VW760ES	VPL-VW570ES/B VPL-VW570ES/W	VPL-VW270ES/B VPL-VW270ES/W
Display system	High Frame Rate SXRD panel	High Frame Rate SXRD panel	High Frame Rate SXRD panel	High Frame Rate SXRD panel	High Frame Rate SXRD panel
Light Output	5,000 lm	2,200 lm	2,000 lm	1,800 lm	1,500 lm
Contrast ratio	∞:1 (Dynamic Contrast)	∞:1 (Dynamic Contrast)	∞:1 (Dynamic Contrast)	350,000:1 (Dynamic Contrast)	-
Display elements	Effective display size	0.74" x 3	0.74" x 3	0.74" x 3	0.74" x 3
	Effective pixels	4K (4096 x 2160) x3 / 26,542,080 pixels	4K (4096 x 2160) x3 / 26,542,080 pixels	4K (4096 x 2160) x3 / 26,542,080 pixels	4K (4096 x 2160) x3 / 26,542,080 pixels
Projection lens	Zoom / Focus	Electric (Approx. 2.1 x) / Electric	Powered (Approx. 2.1 x)	Powered (Approx. 2.1 x)	Electric (Approx. 2.1 x) / Electric
	Lens shift	Electric, V +/-80% H: +/-31%	Powered, V +/-80% H: +/-31%	Powered, +/-85% +/-80%	Electric, V +85% / -80% H: +/-31%
Light source	Laser diode type	Laser diode type	Laser diode type	Ultra High-pressure lamp 280W type	Ultra High-pressure lamp 225W type
Projection ratio	1.27 - 2.73 : 1 Optional: VPLL-Z7008 : 0.8 - 1.02 : 1	1.38 - 2.83 : 1	1.38 - 2.83 : 1	1.38 - 2.83 : 1	1.38 - 2.83 : 1
Reality Creation	YES (4K Reality Creation)	YES (4K Reality Creation)	YES (4K Reality Creation)	YES (4K Reality Creation)	YES (4K Reality Creation)
Compatible with HDR10	YES	YES	YES	YES	YES
Compatible with HDR HLG	YES	YES	YES	YES	YES
4K 60P	YES	YES	YES	YES	YES
3D capability	YES	YES	YES	YES	YES
3D emitter	Built-in RF emitter	Built-in RF emitter	Built-in RF emitter	Built-in RF emitter	Built-in RF emitter
3D glasses	X105-RF-X1 (Optional)	X105-RF-X1 (Optional)	X105-RF-X1 (Optional)	X105-RF-X1 (Optional)	X105-RF-X1 (Optional)
HDMI Bandwidth	18 Gbps	18 Gbps	18 Gbps	18 Gbps	18 Gbps
Auto Calibration	YES	YES	YES	YES	NO
Manual Calibration	HSV Colour Correction	HSV Colour Correction	HSV Colour Correction	HSV Colour Correction	HSV Colour Correction
Picture Position Memory	YES	YES	YES	YES	NO
Advanced Iris	-	Ver 3	-	Ver 3	-
Picture modes	9 modes	9 modes	9 modes	9 modes	9 modes
Gamma modes	11 modes	11 modes	11 modes	11 modes	11 modes
Panel alignment	Yes (Shift / Zone)	Yes (Shift / Zone)	Yes (Shift / Zone)	Yes (Shift / Zone)	Yes (Shift / Zone)
Audio speakers	-	-	-	-	-
Acoustic noise	35dB	24 dB	24 dB	26dB	26dB
Power requirement	AC 100V-240V, 3.5A-1.5A, 50/60Hz	AC 100V-240V, 4.9A to 2.2A 50/60Hz	AC 100-240V, 4.9A to 2.2A, 50/60Hz	AC 100V-240V, 4.6A to 2.0A, 50/60Hz	AC 100-240V, 4.0A to 1.7A, 50/60Hz
Power consumption	1,200 W max	490 W max	450 W max	460 W	390W
Body colour	Black	Black	Black	Black / White	Black / White
Standard outside dimensions	W 550 x H 228 x D 880 mm	W 560 x H 230 x D 510.5 mm	W 560 x H 223 x D 495 mm	W 496 x H 205 x D 464 mm	W 496 x H 205 x D 464mm
Weight	Approx. 43 kg	Approx. 22kg	Approx. 20kg	Approx. 14 kg	Approx. 14 kg





**VPL-HW65ES/B  
VPL-HW65ES/W**



**VPL-HW45ES/B  
VPL-HW45ES/W**



**VPL-VZ1000ES**

Display system	High Frame Rate SXRD panel		High Frame Rate SXRD panel
Light Output	1,800 lm		2,500 lm
Contrast ratio	120,000:1 (Dynamic Contrast)		∞:1 (Dynamic Contrast)
Display elements	Effective display size	0.61" x 3	0.61" x 3
	Effective pixels	Full HD (1920 x 1080) x3 / 6,220,800 pixels	Full HD (1920 x 1080) x3 / 6,220,800 pixels
Projection lens	Zoom / Focus	Manual (Approx. 1.6 x) / Manual	Electric (Approx. 1.02 x) / Electric
	Lens shift	Manual, V: +/-71% / H: +/-25%	Electric, V +/-6 % H: +/-3 %
Light source	Ultra High-pressure lamp 200W type		Laser diode type
Projection ratio	1.36 - 2.16 : 1		0.16 - 0.25 : 1
Reality Creation	YES (FullHD Reality Creation)		YES (4K Reality Creation)
Compatible with HDR10	NO		YES
Compatible with HDR HLG	NO		YES
4K 60P	NO		YES
3D capability	YES		YES
3D emitter	Built-in RF emitter		Built-in RF emitter
3D glasses	X105-RF-X1 (Optional)		X105-RF-X1 (Optional)
HDMI Bandwidth	-		18 Gbps
Auto Calibration	NO		NO
Manual Calibration	HSV Colour Correction		HSV Colour Correction
Picture Position Memory	NO		YES
Advanced Iris	Ver 3		-
Picture modes	9 modes		9 modes
Gamma modes	10 modes		11 modes
Panel alignment	Yes (Shift / Zone)		Yes (Shift / Zone)
Audio speakers	-		-
Acoustic noise	21dB		24dB
Power requirement	AC 100V to 240V, 3.1A to 1.3A, 50/60Hz		AC 100V to 240V, 4.4 A to 1.9A, 50/60Hz
Power consumption	300 W		435 W
Body colour	Black / White		Black
Standard outside dimensions	W 407.4 x H 179.2 x D 463.9 mm		W 925 x H 218.5 x D 493.8 mm
Weight	Approx. 9 kg		Approx. 35 kg

# Sony. The clear choice for Home Cinema.

## PrimeSupportPro

- 3 year projector and 1 year lamp warranty/ 1000 hours PrimeSupport cover - from the product purchase date.
- VPL-VZ1000ES, VPL-VW5000ES, VPL-VW870ES and VPL-VW760ES only - 3 year projector or 7,000 hours optical block and laser package.
- Specialist telephone support – an exclusive multi-lingual telephone helpline staffed by technical experts with detailed understanding of projector products.
- Collect-and-deliver repair service – if your problem cannot be resolved via the helpline, we'll activate our no-hassle collect-and-deliver repair service. All financial costs are covered – parts, labour and logistics to and from our state-of-the-art European repair centres.

PrimeSupport  
Pro

## PrimeSupportElite

Available as an option, VPL-VZ1000ES, VPL-VW5000ES, VPL-VW870ES and VPL-VW760ES customers can enjoy even greater peace of mind with PrimeSupportElite. Further extending the benefits of PrimeSupportPro, this extends warranty coverage for your home cinema projector to 5 years or 12,000 hours usage.

PrimeSupport  
Elite

[www.pro.sony](http://www.pro.sony)

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