SONY
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**VPL-HW30ES**

Full HD 3D Home Cinema Projector with Sony's market-leading SXRD panels, Motionflow technology and Dynamic Lamp Control

The VPL-HW30ES is our very latest 3D Full HD projector, bringing you cinema-quality pictures. With the VPL-HW30ES, enter a new era of ultra high quality 3D imagery, accessible at an affordable price. Packed with the very latest innovative features which are easy to use and control, you can experience enhanced immersive 3D movie content without having to leave your sofa.

3D BRILLIANCE FOR YOUR HOME

With this projector, you can experience the award-winning combination of Sony's explosive 3D imagery and our new, unique Dynamic Lamp Control technology. Dynamic Lamp Control boosts the appropriate brightness when each of your 3D glasses' shutters flicks back open. This means that you will not lose any brightness and attain the optimal visual experience from the comfort of your own home.

SHARPER, SMOOTHER IMMERSIVE ACTION

When you're viewing your favourite film, or even trialing the latest release - you want to know that you are watching the action the way it was meant to be seen. Sony's SXRD panel technology minimises the gaps between pixels for sharper, stunning image quality. Motionflow automatically inserts extra frames between the images to improve the smoothness of the film, and makes action scenes and character movements flawless.

HUGE RANGE OF USER ENHANCEMENTS

Since the previous model was launched, we have strived to achieve even better. This projector now allows you to pre-select separate parameters for 2D and 3D content for Dynamic, Standard, Photo, Game and Cinema modes, as well as automatically recognising 2D or 3D input. You can customise your viewing, to match the room specifications, along with the content type.

The VPL-HW30ES has integrated 3D with frame-sequential 3D USB-chargeable glasses* and a transmitter*. This transmitter will activate the 3D mode – and bring your content to life.

PRIMESUPPORT

This product comes with PrimeSupport – fast, hassle-free repairs and a helpline offering expert technical advice. Which gives you the peace of mind that Sony is looking after your equipment, and your business.

With VPL home projectors, PrimeSupport also includes a free loan unit – of similar specification if repairs are likely to exceed 10 working days, minimising your disruption.

*Products sold separately

# Features

**Improved 3D brightness**

The VPL-HW30ES delivers 3 times the brightness of the VPL-VW90ES through its new lamp and electronic technology, also giving better light efficiency for time sequential 3D pictures.

**SXRD panel technology**

SXRD panels minimise the gaps between pixels to 0.2µm for sharper, dot-free images, making it possible to reproduce 240 frames per second. The opening and closing of the shutters on the 3D are synchronised to ensure that each eye receive the correct image, thus reducing Crosstalk to a minimum. The result is stunningly detailed, high-definition 3D images that you believe you can reach out and touch.

### Motionflow
Motionflow technology allows the VPL-HW30ES to display twice as many images per second. This algorithm, unique to Sony, creates completely new images based on the incoming signal, and inserts them between the original frames to reproduce smoother, sharper motion.

### Dynamic Lamp Control Technology
When each of the shutters on your 3D glasses opens, Dynamic Lamp Control Technology automatically boosts the brightness in the image to that eye, maximising the picture's impact and the lamp's efficiency.

### Separate 2D and 3D modes
The VPL-HW30ES allows you to pre-select separate parameters for 2D and 3D content under a variety of application modes – Dynamic, Standard, Game, Living, Cinema and Presentation – as well as automatically recognising 2D or 3D input.

### Advanced Iris3 control
This is an automatic Iris control feature that enhances the contrast in accordance with the scene. It maximises black and white levels without diminishing peak brightness.

### Extremely low fan noise (22dB)
The VPL-HW30ES runs very quietly with an advanced air discharge system. Through a highly efficient cooling system, fan noise is suppressed to a mere 22dB. With whisper-quiet fan noise, users can concentrate on a movie or game in a quiet environment without distraction

### New remote commander
The VPL-HW30ES is supplied with a new remote commander, with backlit buttons for ease of use in darkened rooms, one-touch control for many popular adjustments, and easy grip for practical convenience.

### Adjustable Lens Shift
The VPL-HW30ES has an adjustable 'Lens Shift' function. Picture position (both horizontal and vertical) can be easily adjusted with the motorised adjustable 'Lens shift' function, which expands the projector's placement and installation options without distorting image quality.

Vertical range : Max. +/- 0.65V

Horizontal range : Max.+/- 0.25H

### Panel Alignment Function
The VPL-HW30ES is configured with a function that compensates for gaps in character or colour management. It is possible to select R(Red) or B(Blue) to make adjustments based on G(Green), and to adjust the horizontal and vertical direction by shifting the full image or selecting points of each colour.

### RCP (Real Color Processing) Ver.2
The VPL-HW30ES offers an "RCP (Real Color Processing)" function to adjust the colour and hue of each target colour of the projected picture independently. Additionally, version 2 adds the ability to adjust the brightness at the same time. With this capability, dealer and enthusiastic users can tweak the images to perfection.

### Fully Digital Signal Processing
Incorporated High quality Engine in the VPL-HW30ES is a fully digital integrated picture enhancement engine, optimally engineered by Sony for front projectors. This high quality Engine relies on a collection of Sony-unique algorithms such as noise reduction and colour enhancement to produce sharp, vibrant, lifelike images.

### BRAVIA Sync
BRAVIA Sync simplifies and enhances the home theatre experience. Through the control capabilities of HDMI (High Definition Multimedia Interface), the devices sync with one another for intuitive operations such as One Touch Play and System Stand-by.

# Technical Specifications

| General Data | |
|---|---|
| Panel | High Frame Rate SXRD(1920?1080) |
| Contrast | 70,000:1 (w/Iris) |
| Brightness | 1,300lm |
| 3D | Yes |
| MotionFlow | Yes |
| Projection picture size | 40 to 300 inches |
| Picture mode | 9 mode |
| Advanced Iris | Ver. 3 |
| Gamma adjustment | 9 modes |
| Fan noise | 22dB |
| Lens | X1.6 / Manual |

| | |
|---|---|
| Lensshift range | V: +/-0.65V,?H: +/-0.25H |
| PanelAlignment | Yes(Shift) |
| CEC | Yes |
| IR IN (Control S) | Yes |
| S-Video | N/A |
| HDMI | 2 |
| Composite Video | N/A |
| 3DSync | Yes(via RJ45) |
| Supplied Acc. for 3D | USB Adaptor x1 |
| Remote Commander | RM-PJ20 ( 3D, New Picture mode button ) |
| Projector Lamp | LMP-H202 (for replacement) |
| Lamp Type | 200W Ultra High Pressure Lamp |

| | |
|---|---|
| Projector Suspension Support | PSS-H10 |
| 3DGlasses | TDG-PJ1 |
| 3DTransmitter | TMR-PJ1 |
| Dimensions (w/h/d) | 407.4 x 179.2 x 463.9 mm |

| | |
|---|---|
| Weight | Approx. 10kg |
| Power consumption | Max.:300W, |
| | Standby mode:8W, Standby mode(low):0.5W |