SONY

VPL-HW45ES & VPL-HW65ES
Superior Home Cinema quality in Full-HD 3D

Full HD 3D Home Cinema projector with Reality Creation, SXRD panels and high brightness – even in a well-lit living room

AT A GLANCE

Dynamic contrast ratio: 120,000:1*

1,800 ANSI lumens brightness

Reality Creation

Long lasting lamp up to 6,000 hours

Wireless HDMI compatible (optional accessory)

SXRD panels and advanced Iris 3 technology

KEY FEATURES

Images so real you could touch them
Crisp, sharp, detailed Full HD 3D. The VPL-HW45ES & VPL-HW65ES are a fantastic option for any movie lover looking for an incredible cinematic experience at home, far beyond the reach of TV.

Reality Creation
Reproduce colours and textures that are lost when movies are packaged to disc, so you get much closer to the 1080p original.

Advanced SXRD panels
Produce an ultra-smooth picture by minimising the space between pixels at a super-fast speed. The VPL-HW45ES & VPL-HW65ES are synchronised with our 3D glasses for a jaw-dropping experience and minimal crosstalk.

Get closer to a real cinema experience

The VPL-HW45ES & VPL-HW65ES Full HD 3D Home Cinema projectors are packed with our latest technology for an incredibly sharp, crystal clear cinematic experience. All you need to add is the popcorn.

Taking Home Cinema to the next level
Following the success of our previous Home Cinema projectors, we introduce our next generation VPL-HW45ES & VPL-HW65ES models, with even more great benefits. Featuring longer durability, versatile automation compatibility with IP control*, built-in USB firmware updates, RF 3D transmitter and more.

High brightness and contrast ratio
With 1,800 ANSI lumens colour brightness and a dynamic contrast ratio of 120,000:1*, it's an an advanced Home Cinema experience that has to be seen to be believed. Advanced SXRD panels along with features like Reality Creation and Motionflow mean you'll see your favourite films at their very best, in 3D and 2D.

SXRD **Full HD 1080** **3D Created by Sony** **DFI Dark Frame Insertion Motionflow**

Control4 **AMX** **CRESTRON CONNECTED**

* VPL-HW65ES only

Reality Creation 2 – Upscale your movies

Input signal

View the best possible images

Developed for our leading 4K Home Cinema projector range, our next generation Reality Creation reproduces 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, for even better upscaling.

1,800 lumens brightness with faithful colour reproduction

Conventional model

VPL-HW65ES

Thanks to an improved optical engine, the VPL-HW45ES & VPL-HW65ES are much brighter than our previous standard Home Cinema projectors. At 1,800 lumens, they produce clearer images and faithful colours, even in well-lit rooms.

Superior Home Cinema for your living room

Conventional model

VPL-HW45ES & VPL-HW65ES

Conventional Home Cinema projectors sacrifice some colour accuracy by increasing greens to improve brightness. With Bright Cinema and Bright TV modes, the VPL-HW45ES & VPL-HW65ES retain true colour and contrast, even in a bright environment.

Dynamic contrast at 120,000:1

Optical engine improvements and advanced Iris 3 technology mean we've achieved an incredible dynamic contrast ratio of 120,000:1. It maximises blacks and whites without diminishing brightness so you won't miss a detail, even in dark scenes (VPL-HW65ES only).

Industry standard RF 3D compatible

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

USB updates

To get the best from your projector, the VPL-HW45ES & VPL-HW65ES have USB ports, to automatically receive the latest firmware updates, direct to the projector.

Wireless HDMI option

Keep things tidy and free yourself from cables with an optional wireless HDMI emitter/ receiver kit. The VPL-HW45ES & VPL-HW65ES will connect wirelessly to your Blu-ray Disc™ player, games console and more.

Contrast Enhancer and advanced Iris 3

Automatically adjusts contrast for optimum viewing by analysing dark and light areas in every scene, without diminishing colour.

Motionflow

See every detail, even in fast-moving action scenes or sports. Motionflow technology shows twice as many pictures per second by creating extra images between the original frames. The result is smoother, sharper motion with less blur.

SXRD panel technology

Our SXRD panels reduce pixel gaps for super-sharp images. Because our 3D glasses have a synchronised shutter speed, you'll enjoy incredible high-definition 3D with minimal crosstalk.

Low latency mode

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

2D and 3D modes

The VPL-HW45ES & VPL-HW65ES automatically recognises 2D or 3D content and allows you to pre-select Standard, Dynamic, Cinema, Game and Photo modes.

Extremely low fan noise

Our advanced cooling system means fan noise is reduced to a whisper-quiet 22db.

Suitable for home automation

The VPL-HW65ES is compatible with many home automation systems, including Crestron Connected, AMX and Control4 SDDP. It has an RS232 interface, RJ45 control and IR-IN terminal (VPL-HW65ES only).

Wide lens shift range

A wide vertical range allows more options for placement and installation, without reducing image quality.

Perfect panel alignment

Electronic panel alignment ensures precise colour and clarity. Any colour gaps are corrected by shifting the blue and red areas of each pixel into perfect alignment with green.

Manual HSV Colour Correction

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

Longer durability

Enjoy the Home Cinema experience for longer than ever without interruptions and now with up to 6,000 hours lamp life, for perfect viewing.
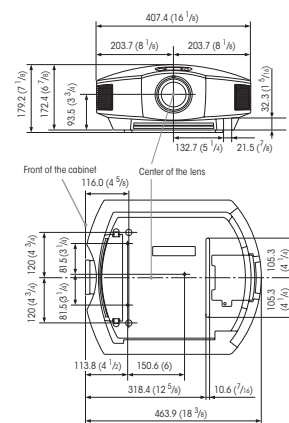
Prime support

The VPL-HW45ES & VPL-HW65ES come with our 3-year PrimeSupport package. There are no unexpected costs if you experience a problem, just fast, efficient technical support from our free multi-lingual helpline advisors. This package also includes 1 year or 1,000 hours lamp cover.

PrimeSupport

PrimeSupport+

		VPL-HW65ES	VPL-HW45ES
Display system		SXRD panel, projection system	
Light Output		1800 lm	
Contrast ratio		120,000:1 (Dynamic Contrast)	-
Display elements	Effective display size	0.61" x 3	
	Effective pixels	Full HD (1920x1080) x3 6,220,800 pixels	
Projection lens	Zoom / Focus	Manual (Approx. 1.6 x) / Manual	
	Throw Ratio	1.36:1 – 2.16:1	
	Lens shift	Manual, V:+/-71% / H:+/-25%	
Light source		High-pressure mercury lamp, 215 W type	
Screen size		40" to 300"	
Reality Creation		YES (FullHD Reality Creation)	
Lamp life		6000h (Lamp mode: Low)	
3D capability		Yes	
3D emitter		Built-in RF transmitter	
3D glasses		TDG-BT500A (RF type : Optional)	
Colour correction		Yes	
Wireless HDMI compatibility		IFU-WH1 (Optional)	
Advanced Iris		Ver 3	
Picture modes		9 modes	
Gamma modes		10 modes	
Low latency mode		Yes	
Panel Alignment		Yes (Shift / Zone)	
Input/Output	HDMI	Yes (2 inputs)	
	RJ45	Yes (IP & Web control)	-
	USB	Yes (firmware update)	
	Remote	RS-232C, D-sub 9-pin (female)	
	IR IN	Mini Jack	
Trigger		Yes	
Acoustic noise		22 db	
Power requirement		AC 100 V to 240 V, 3.1A to 1.3A, 50/60 Hz	
Power consumption		310 W	
Body colour		Black / White	
Standard outside dimensions		W 407 x H 179 x D 464 mm	
Weight		Approx. 9 kg	
Supplied Accessories		Remote Control RM-PJ28	
		Size AA (R6) manganese batteries (2)	
		AC Power Cord for projector (1)	
		Operating Instructions (1)	
		Quick reference manual (1)	

Projector lamp (LMP-H210)	Wireless HD Unit (IFU-WH1)	RF 3D Glasses (TDG-BT500A)	Ceiling Mount (PSS-H10)

Sony. The clear choice for Home Cinema.

www.pro.sony.eu/homecinemaprojectors

407.4 (16 ¹/₈)
203.7 (8 ¹/₈)   203.7 (8 ¹/₈)
179.2 (7 ¹/₁₆)
172.4 (6 ¹⁵/₁₆)
93.5 (3 ¹¹/₁₆)
32.3 (1 ⁵/₁₆)
132.7 (5 ¹/₄)   21.5 (⁷/₈)

Front of the cabinet   Center of the lens
116.0 (4 ⁵/₈)
120 (4 ¹³/₁₆)
81.5 (3 ³/₁₆)
105.3 (4 ¹/₈)
120 (4 ¹³/₁₆)
81.5 (3 ³/₁₆)
105.3 (4 ¹/₈)
113.8 (4 ¹/₂)   150.6 (6)
318.4 (12 ⁵/₈)   10.6 (⁷/₁₆)
463.9 (18 ³/₈)

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