VPL-HW15

BRAVIA 1080p Full HD SXRD Home Cinema projector. Contrast ratio 60,000:1, Advanced Iris 3, BRAVIA ENGINE 2.

Big Screen, Cinematic Features

The BRAVIA VPL-HW15 projector delivers the excitement and immediacy of HD to a new audience. It brings technologies capable of convincingly reproducing the cinematic experience within the reach of first time buyers of home cinema solutions.

Featuring a stylish design, triple-panel SXRD and 8-stage image processing by BRAVIA ENGINE 2™, the VPL-HW15 is fully loaded with the features you need to introduce a true HD cinematic viewing experience into your living room.

The VPL-HW15 is supplied with a Prime Support pack which offers unique extra services and benefits;

3 years' cover
Free telephone helpdesk support in English, German, French, Italian and Spanish.
Collection and delivery anywhere in EU, Norway and Switzerland in the event of a repair being required.

Features

High Contrast Ratio – 60,000: 1 with Advanced Iris 3 technology

The Advanced Iris 3 contrast enhancement works like the human eye, responding dynamically to the level of light in each scene, always selecting the optimum contrast. With a high range of 60,000:1, Advanced Iris 3 can bring out the detail in darker sequences and prevent bright scenes from looking washed out.

1080p Full HD resolution of 1920 x 1080

Three panels -red, green and blue, ensuring optimum colour reproduction and resulting in over 6.2 million pixels, more then double the pixel count of 720p projectors. All in a panel size of 0.61-inch thanks to its super-fine panel micro-architecture with a pixel size of 7Um.

Digital Picture Processing - BRAVIA ENGINE 2

The unique BRAVIA ENGINE 2 delivers vibrant colours and exceptional image quality. It consists of eight separate stages of image enhancement - carried out in real time - each has a specialised function. Together they generate a picture that is optimised in every way, from the accuracy of the contrast to the precision of the colour reproduction.

High Resolution All Range Crisp Focus (ARC-F) Lens

The VPL-HW15 is equipped with the All Range Crisp Focus (ARC-F) lens which has the necessary superior resolution and focus characteristics. The lens offers a 1.6x motorised zoom and both vertical (65%) and horizontal (25%) Lens Shift adjustment, making it easy to set the projector up and achieve a good picture in a variety of environments.

Advanced Colour Enhancement Features

Bringing the VPL-HW15 even closer to the capabilities of the human eye is its support for x.v.Colour. x.v.Colour is based on xvYCC, a new international standard for video that defines a colour space nearly two times wider than the existing sRGB standard, making x.v.Colour literally more lifelike. Deep Colour™ boosts the number of colours available within the xvYCC colour space from

millions to billions, further future-proofing the projector against developments in colour handling technology.

 In the event that you do need to adjust screen colours, the perfect tool for the job is provided by Real Colour Processing. This allows you to adjust the hue of a specific colour without changing the whole image. So if something like skin tone needs tweaking, you can do it without altering the colour of the sky or the background of the scene.

Great Connectivity - 24p True Cinema

The inclusion of twin connectors with HDMI™ technology opens up another dimension for the VPL-HW15. It makes it possible to connect to video sources like Blu-ray Disc™ players which offer exact, 24 frame-per-second replication of the cinematic original. As the projector has the '24p True Cinema' function, it can display films exactly as they were first recorded.

Low Fan Noise "22dB"

With whisper-quiet fan noise, users can concentrate on a movie or game in a quiet environment without distraction.

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.

Benefits

Designed with fast-action movies/ games in mind

A 2.5ms response time contributes to the overall impression of fluid, natural movement essential for a convincing recreation of the cinematic experience.

Film-like reproduction of 35mm film

SXRD provides film-quality smoothness by minimising the space between pixels (0.35um) for smooth and dot-less pictures.

Easy to use & future-proof

The VPL-HW15's manual lens shift helps ensure a quick and flexible set-up procedure, while all features offer a range of user-settings that are easily controlled with the supplied illuminated remote control and on-screen menus.

Peace of mind

The VPL-HW15 comes with 3-year support that offers more than a standard warranty. With PrimeSupport®, you have the following valuable benefits:
 - Telephone Helpdesk;
 - Free phone
 - Multilingual (English, German, French, Italian, Spanish)
 - Mon - Fri 09:00-18:00 CET
 - Provide advice on functionality and act as the first point of contact for service requests.
 In the unlikely event of the VPL-HW15 failing, we arrange repair of your own unit. All shipping costs to and from your chosen location will be covered by Sony. If the repair takes longer then 10 working days, a loan unit will be offered.

Qualified Sony engineers will maintain your projector giving you peace of mind that there will be no unexpected bills while your VPL-HW15 is covered by PrimeSupport.

Technical Specifications

Optical

Panel Resolution	1080p Full HD, 1920 x 1080
Panel Technology / Panel Size / Nr of Pixels	SXRD™/ 0.61 inch / 6,220,800 (3x 2,073,600)
Lens Type	ARC-F (All Range Crisp Focus)
Lens Zoom Ratio	1.6x
Lens F/f	2.50 – 3.40 / 18.5 – 29.6mm
Zoom & Focus	Manual
Lens Shift	Vertical 65%, Horizontal 25%
Contrast Ratio	60,000:1
Brightness	1000 ANSI Lumen

SONY

Lamp	LMP-H201 200W UHP
Screen Size (16:9 diagonal)	40" - 300" / 1m-7.6m
Throwing Distance	1.2m -14.1m
Throw Ratio (16:9 diagonal)	1.47 - 2.18

Inputs

HDMI (19-pin connector)	2
Component Video (3x RCA connectors)	1
S-Video (Mini DIN 4-pin)	1
Composite Video (RCA connector)	1
Input A (HD D-sub 15-pin)	1 (Analogue RGB, Component)

Outputs

Control RS-232C (D-sub 9-pin)	1 (AMX Protocol Supported)

General

Fan Noise	22dB
Lamp Life	3,000 Hours(Replacement time)
Filter Cleaning Time	Every 1,500 Hours
Power Consumption: Max / Standby / Low	300W / 8W / 0.5W
Dimensions (W x H x D)	407.4x179.2x463.9mm
Weight	10kg
Body Colour	Cosmic Black

Throwing Distance, 16:9 Screen, Ceiling Mount

Min - Max Screen Size (diagonally)	40 - 300-inch / 1 - 7.6m
40-inch / 1m screen	1.4 - 2.0m
80-inch / 2m screen	2.6 - 3.9m
100-inch / 2.5m screen	3.3 - 4.8m
120-inch / 3.0m screen	3.9 - 5.8m
200-inch / 5.1m screen	6.4 - 9.5m
300-inch / 7.6m screen	9.5 - 14.3m

Acceptable Video Signals

720p	720/60p, 720/50p
1080i	1080/60i, 1080/50i
1080p via HDMI	1080/60p, 1080/50p, 1080/24p