

BRAVIA™ Home Cinema Projector.

VPL-VW85 SXR™
Home Cinema Projector

SONY



The BRAVIA VPL-VW85 home cinema projector is designed to impress the serious home cinema enthusiast due to the wide array of Sony's innovative technologies contained within it. This projector features Sony's SXR (Silicon X-tal Reflective Display) panel technology that delivers exquisitely fine-grained 1080p Full HD for a truly cinematic experience. Furthermore, the innate high contrast of SXR technology is leveraged by Sony's new Advanced Iris 3™ system to enable this projector to produce a super-high native contrast ratio of up to 120,000:1.

This projector also incorporates Sony's innovative Motionflow™ Dark Frame Insertion system which makes motion much smoother with a method called Double Speed Processing. Eight-stage real-time signal processing by Sony's BRAVIA ENGINE 2 ensures outstanding colour and visibly superior overall image quality.

Key Features



High Contrast Ratio – 120,000:1 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 very high range of 120,000:1, Advanced Iris 3 can bring out the detail in darker sequences and prevent bright scenes from looking washed out.



Motionflow with Dark Frame Insertion technology

This technology brings fast-paced, cinematic action to your home. Motionflow with Dark Frame Insertion technology makes motion much smoother through a method called Double Speed Processing. This innovative process creates and inserts artificial frames, first comparing key visual factors on successive frames – for example the position of a car hubcap – then calculating the split second of 'missing' action. The optional insertion of darkened frames heightens the contrast and eliminates any judder – by allowing the eye to naturally blend one frame into the next. This action mimics that of actual movie projection.

SXR 1080 Full HD SXR Panel technology

With three of Sony's 1920 x 1080 SXR panels at the heart of this projector, a consistently superior image is produced across the entire screen. The unique combination of three separate panels of 1920 x 1080 resolution (one each for red, green and blue) means that SXR can deliver over 6.2 million pixels. SXR provides film-quality smoothness by minimizing the space between pixels (0.25µm) for smooth and dot-less pictures.



3 x Cinema Modes

In Cinema Mode, films can be viewed as close to the original director's cut as possible, reproducing details such as natural skin tone, lighting, colour, and contrast.



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.



Panel shift and alignment function

The panel alignment function allows users to select R (Red) or B (Blue) to make adjustments based on G (Green), and to adjust the horizontal and vertical direction by shifting a full image or each zone from 16x9 points of each colour, achieving the perfect colour registration of the projected images.



Anamorphic Zoom Mode

The VPL-VW85 has a "Anamorphic zoom" mode in the wide modes to enjoy wider aspect ratio. With this mode, it is possible to create a full 2.35:1 image just like a movie theatre when using a commercially available anamorphic lens.

Other Features

24p True Cinema mode

This feature allows films to be watched as intended by the director for the big screen, at 24 frames per second.

ARC-F (All Range Crisp Focus) Lens (1.6x)

Projects crisp and beautiful full 1080p HD images right to every corner of the screen.

Selectable 11 gamma base line with White/Black Level adjustment

Flexible user setting for picture quality.

Automatic motorized lens protector

Opens automatically when the projector powers on, then closes up again.

Real Colour Processing (RCP)

Allows you to adjust the hue of a specific colour without changing the whole image.

Other Features

Super low fan noise of 20dB

Achieved by the projector's unique design which optimises the airflow and brings fan noise down.

UHP (Ultra High Pressure) Lamp

Natural colour reproduction thanks to ultra-bright 200 W UHP lamp.

BRAVIA Sync

BRAVIA Sync connects various devices and provides multiple intuitive functions for a true home theatre experience.

x.v.Colour™

Delivers lifelike colours and natural tones.

Optical		
Panel	Resolution	1920 x 1080 HD
	Pixels	6,220,800 (3x 2,073,600)
	Pixel Size / Inter-pixel Spacing	7µm / 0.25µm
	Technology	High Frame Rate SXRD™ by Sony
Lens	Panel Size	0.61 inch
	Type	ARC-F (All Range Crisp Focus)
	Zoom Ratio	1.6x
	F / f	2.50 - 3.40 / 18.5 - 29.6mm
	Zoom & Focus	Powered
	Lens Shift	Vertical 65%, Horizontal 25%
Contrast Ratio		120,000:1
Brightness		800 ANSI Lumen
Lamp		LMP-H201 200W UHP
Screen Size (16:9 diagonal)		40" - 300" / 1m - 7.6m
Throwing Distance		1.4m - 14.3m
Throw Ratio (16:9 diagonal)		1.47 - 2.18
Input / Output		
HDMI™	19-pin connector	2
Component Video	3x RCA connectors	1
S-Video	Mini 4-pin DIN	1
Composite Video	RCA connector	1
Input A	HD 15-pin D-sub	1 (Analogue RGB, Component)
Trigger Out	Mini Jack	2 (Power, Anamorphic Zoom Mode)
Remote	RS-232C: 9-pin D-sub	1 (AMX Protocol Supported)
	RJ45: Ethernet	-
Acceptable Video Signals	720p	720/60p, 720/50p
	1080i	1080/60i, 1080/50i
	1080p (HDMI™)	1080/60p, 1080/50p, 1080/24p
General		
Body Colour		Midnight Sky Black
Fan Noise		20dB
Power Consumption Max. / Standby Mode / Low		300W / 8W / 0.5W
Dimensions (W x H x D) / Weight		470 x 179.2 x 482.4 mm / 12kg

Features		
Picture Enhancement	Motionflow Dark Frame Insertion	YES
	BRAVIA ENGINE	BRAVIA ENGINE 2
	Digital Reality Creation (DRC)	-
	Dynamic Detail Enhancer (DDE)	Film (2-3 pull-down) / Progressive / Off
Colour Enhancement	x.v.Colour	YES
	Real Colour Processing (RCP)	YES
Contrast Enhancement	Advanced Iris	Advanced Iris 3
Connectivity Enhancement	24p True Cinema	YES
	'BRAVIA' Theatre Sync	'BRAVIA' Sync
Panel Alignment Function	Area / H-V Adjustment Range	16x9 Zones / ± 2.0 pixel in 0.1 pixel steps
	Picture Mode Settings	Dynamic / Standard / Cinema 1 / Cinema 2 / Cinema 3 / User mode
Wide Mode Settings		Wide Zoom / Normal / Full / Zoom / Anamorphic Zoom
Anamorphic Zoom Mode	Project a full 2.35:1 image*	YES
Noise Reduction	Normal	High / Middle / Low / Off
	MPEG (Digital Signal)	Block NR / Mosquito NR
Gamma Adjustment Software	Image Director 3	via supplied CD-ROM
On-screen Display	Available Languages	English, French, German, Italian, Spanish, Portuguese, Japanese, 2x Chinese, Korean, Russian, Dutch, Norwegian, Swedish, Thai, Arabic
Accessories		
Illuminated Remote Control	Supplied	RM-PJW85
Batteries for Remote Control	Supplied	2x Size AA (R6)
CD-ROM for Gamma Adjustment	Supplied	Image Director 3
Replacement Lamp (incl. air filter)	Optional	LMP-H201, 200W UHP
Ceiling Bracket	Optional	PSS-H10
European Warranty	Supplied within the EU and Switzerland	3 years PrimeSupport® Service

PrimeSupport

All Sony Professional's home cinema projectors come supplied with a 3-year support pack which offers unique extra services and benefits.

- 3 years' cover
- Free telephone helpdesk support in 5 languages
- Collection and delivery anywhere in EU, Norway and Switzerland

www.sonybiz.net/primesupport

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