

SONY

VPL-HW65ES

HD Home Theater ES Projector

Featuring SXRD® technology, 1,800 lumen brightness, 120,000:1 dynamic contrast, and "Reality Creation" super resolution processing, this projector produces outstanding, vibrant images. The 3D transmitter, dynamic lamp control and 240Hz panel drive work together creating bright 3D images nearly free of crosstalk.¹ These features, combined with a whisper quiet fan make this projector the perfect choice for home entertainment.



Bullets

- 120,000:1 dynamic contrast ratio
- 1,800 ANSI lumen brightness
- Reality Creation super resolution processing
- Built in RF 3D Sync transmitter
- 240Hz panel drive improves 3D picture¹
- Convert standard HD content to 3D²
- Dynamic lamp control improves 3D brightness
- Powerful, independent 2D and 3D calibration: Nine picture modes, nine gamma adjustments
- Three-year limited warranty
- IP Control for automation interface
- Whisper-quiet fan: Only 21db emitted

Features

Spectacular Full HD pictures with Reality Creation

Advanced SXRD® panel technology is teamed with Reality Creation - Sony's Super Resolution processing technology that refines subtle details, colors and textures. You'll see the difference with crisp, sharp Full HD pictures that take you closer than ever to the original 1080p source.

High brightness and contrast

With an impressive 1,800 lumens brightness and high 120,000:1 dynamic contrast range, Full HD images are clear and with bright highlights and rich, deep blacks - even in well-lit rooms.

Smooth, fluid on-screen action

Coupled with the panel's super-fast response rate, Motionflow™ technology means you'll see every detail with minimal blur - no matter how fast the action.

Long-lasting lamp

Up to 6000 hour rated lamp operating life (in Low mode) means simpler maintenance, with fewer lamp swaps and reduced running costs.

Flexible home installation with wide zoom and shift lens

The manual zoom lens with a 1.6x zoom ratio and wide lens shift range gives greater installation flexibility in any room size, even with high ceilings.

Front-facing fan

With the fan exhaust positioned at the front of the projector, you don't need to worry about wall clearance and room for air intake/exhaust when installing. This helps maximize throw distance, for the biggest possible projected images.

Home automation with IP control

The VPL-HW65ES is compatible with a wide range of home automation systems via an RJ45(IP), RS-232C, TRIGGER and IR IN interfaces.

Industry standard RF 3D compatible

The projector's built-in RF transmitter synchronizes with compatible Sony and 3rd party RF 3D glasses for wider coverage and greater stability, so there's no need for an external transmitter.

USB updates

You're always up to date with the latest features and firmware updates via the projector's USB port.

Cinema-like 3D brightness

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Sony's dynamic lamp control technology and rechargeable 3D glasses work together perfectly to establish vibrant, cinema-quality brightness levels on your favorite 3D movies and shows.¹

240Hz for a better 3D picture¹

The 240Hz panel drive, along with dynamic lamp control technology, minimizes 3D crosstalk. This greatly diminishes the possibility of ghosting when watching 3D content.¹

Watch standard HD content in 3D²

Add a new dimension to your favorite movies, shows or videos with Sony's unique 2D to 3D up-conversion algorithm, allowing any high definition 2D content connected via HDMI® to be viewed in immersive Sony 3D.²

Whisper-quiet fan

Forget that the projector is even in the room due to the advanced air discharge system. Sony's whisper-quiet fan emits only 21db during show time.

Powerful picture calibration features

Quickly calibrate your picture to the type of content you're enjoying with nine unique modes including a variety of cinema, gaming, photo and user customizable pre-sets.

Three-year limited warranty

All Sony Elevated Standard (ES) projectors enjoy three-year limited warranties.

Specifications

Convenience Features		
Convenience Features	Multiple Language Display	17 languages (English, Dutch, French, Italian, German, Spanish, Portuguese, Russian, Swedish, Norwegian, Japanese, Simplified Chinese, Traditional Chinese, Korean, Thai, Arabic, Polish)
Display		
Display	Screen Size	40" to 300" (1,016 mm to 7,624 mm)
	Display Resolution	1920 x 1080 dots max.(HDMI Input only)
Display Features		
Display Features	Display Technology	SXRD panel, projection system
	Display type	Size of effective display area: 0.61" x 3 Number of pixels: 6,220,800 (1920 x 1080 x 3) pixels
	Light source	High-pressure mercury lamp, 215 W type
General		
General	Video Signal Input	480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i The following items are available for HDMI input only. 1080/60p, 1080/50p, 1080/24p
General Features		
General Features	Acceptable Computer Signals	fH: 19 kHz to 72 kHz, fV: 48 Hz to 92 Hz
	Information Menu	Horizontal and Vertical frequency display
	Lamp Replacement Time (Recommended)	6000 H (Lamp mode: Low)* * The figures are expected maintenance time and not guaranteed. They will depend on the environment or how the projector is used.
Inputs and Outputs		

Inputs and Outputs	12V Trigger Output(s)	Minijack, DC 12 V Max. 100 mA
	HDMI™ Connection(s) (Total)	HDMI1 / HDMI2: Digital RGB/Y Pb / Cb Pr / Cr
	IR Input(s)	Mini Jack
	Output(s)	Light output: 1800 lm (Lamp mode: High)* Color light output: 1800 lm (Lamp mode: High)*
		* The values are estimate.
	RS-232C Input(s)	D-sub 9-pin (female)
	LAN terminal	RJ45, 10Base-T/100BASE-TX
Installation Features		
Installation Features	Focus	Yes (Manual)
	Shift	Yes (Manual)
	Shift Range	V: +/- 71; H: +/- 25%
	Ultra Low Fan Noise	Acoustic: 22 dB
	Zoom	Yes (Manual) 1.6x
Operating Conditions		
Operating Conditions	Operating Humidity	35 to 85% (no condensation)
	Operating Temperature	41°F to 95°F (5°C to 35°C)
	Storage Humidity	10 to 90% (no condensation)
	Storage Temperature	-4°F to +140°F (-20°C to +60°C)
Accessories		
Accessories	Supplied Accessories	Remote Commander (RM-PJ28) Size AA (R6) Manganese Batteries x 2 AC Power Cord Lens Cap Operating Instructions (CD-ROM) Quick Reference Manual
Optional Accessories		
Optional Accessories	Replacement Lamp	LMP-H210
Video		
Video	Contrast Ratio	120,000:1 Dynamic Contrast
Power		
Power	Power Consumption (in Operation) max.	AC 100 V to 120 V / AC 220 V to 240 V: 310 W
	Power Consumption (in Standby)	Standby Mode: AC 100 V to 120 V / AC 220 V to 240 V : 0.4 W (when "Standby mode" is set to "Low") Networked Standby Mode: AC 100 V to 120 V / AC 220 V to 240 V: 1.0 W (All terminals and networks connected, when "Standby Mode" is set to "Standard")
	Power Requirements	AC 100 V to 240 V, 3.1 A to 1.3 A, 50/60 Hz
Weights and Measurements		
Weights and Measurements	Dimensions (Approx.)	16 1/8 x 7 1/8 x 18 3/8 in (407.4 x 179.2 x 463.9mm) (without protrusions)
	Weight (Approx.)	Approx. 20 lb (9kg)

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1. Requires 3D content, 3D player, 3D glasses (included), and HDMI® cable (at least 10.2 Gbps).

2. Simulated 3D image will vary based on source content.

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