

VPL-HW65ES

Sony HD Home Theater ES Projector

Featuring SXR^D 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 SXR^D 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.

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

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

Display System		SXRD panel projection system
Display Device	Size of effective display area	0.61" x 3
	Number of pixels	6,220,800 (1920 x 1080 x 3) pixels
Projection Lens	Focus	Manual
	Zoom	Manual (Approx. x1.06)
	Lens Shift	Manual, Vertical: +/-71%, Horizontal: +/-25%
Throw Ratio		1.36:1 to 2.16:1
Light Source		High-pressure mercury lamp, 225 W type
Recommended lamp replacement time ¹		6000 H (Lamp mode:Low)
Filter replacement cycle (Max.)		Same time as the lamp replacement is recommended
Screen Size		40" to 300" (1,016 mm to 7,624 mm)
Light Output		1800 lm (lamp mode: High) ^{*2}
Color Light Output		1800 lm (lamp mode: High) ^{*2}
Contrast Ratio		120,000:1 (Dynamic Contrast)
Displayable Scanning Frequency	Horizontal	19 kHz to 72 kHz
	Vertical	48 Hz to 92 Hz
Display Resolution	Computer signal Input	Maximum display resolution: 1920 x 1080 dots (HDMI Input only)
	Video Signal Input	480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, The following items are available for HDMI input only! 1080/60i, 1080/50p, 1080/24p
OSD Language		17 Languages (English, Dutch, French, Italian, German, Spanish, Portuguese, Russian, Swedish, Norwegian, Japanese, Simplified Chinese, Traditional Chinese, Korean, Thai, Arabic, Polish)
Input Output (Computer/Video/Control)	HDMI1 / HDMI2	Digital (RGB/Y Pb/Cb Pr/Cr)
	Trigger	Minijack, DC 12 V Max. 100 mA
	Remote	RS-232C, D-sub 9-pin (female)
	LAN	RJ45, 10Base-T/100BASE-TX
	IR IN	Mini Jack
Acoustic Noise		22 dB
Operating Temperature / Operating Humidity		5°C to 35°C (41°F to 95°F)/35% to 85% (no condensation)
Storage Temperature / Storage Humidity		-20°C to +60°C (-4°F to +140°F)/ 10% to 90% (no condensation)
Power Requirements		AC 100 V to 240 V, 3.1 A to 1.3 A, 50/60Hz
Power Consumption	AC 100 V to 120 V	MAX 310 W
	AC 220 V to 240 V	MAX 310 W
Power Consumption (Standby Mode)	AC 100 V to 120 V	0.4 W (when "Standby mode" is set to "Low")
	AC 220 V to 240 V	0.4 W (when "Standby mode" is set to "Low")
Power Consumption (Networked Standby Mode)	AC 100 V to 120 V	1.0 W (All terminals and networks connected, when "Standby Mode" is set to "Standard")
	AC 220 V to 240 V	1.0 W (All terminals and networks connected, when "Standby Mode" is set to "Standard")

Dimensions (W x H x D) (without protrusions)	407.4 x 179.2 x 463.9 mm 16 1/8 x 7 1/8 x 18 3/8
Mass	Approx. 9 kg / 20 lb
Supplied Accessories	RM-PJ28 Remote Commander (1), Size AA (R6) Manganese Batteries (2), AC Power Cord (1), Lens Cap (1), Operating Instructions (CD-ROM) (1), Quick Reference Manual (1)
Replacement Lamp	LMP-H210

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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