SONY

VPL-HW65ES

Full HD SXRD Home Cinema Projector with 1800 lumens brightness and white finish

True Home Cinema is closer than you think
Create a spectacular cinematic experience in your own home. Available in a sleek, contemporary black or white finish that makes a stylish addition to any interior, the VPL-HW65ES Home Cinema projector lets you enjoy your favourite movies at their best in 2D or 3D.

Advanced SXRD panel technology delivers fabulous Full HD images with impressive 1800 lumens brightness and high 120,000:1 contrast ratio that always look clear and sharp, even in daylit living rooms.

Light, compact and easy to set up, the VPL-HW65ES fits neatly into any home theatre or living room, with quiet fan noise that won't disturb the show and a front-facing exhaust port for extra installation flexibility. The projector's long-lasting lamp is rated for an extra-generous 6,000 hours operation (in Low Mode), for fewer interruptions and reduced maintenance costs.

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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, colours 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.

- **White finish**

  The projector is also available in a stunning new white finish that looks beautiful in any contemporary or traditional décor.

- **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**

  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 inhale/exhaust when installing. This helps maximise 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 synchronises with any 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.

Technical Specifications

Display System	
● 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. x1.6)
● Lens shift	Manual, Vertical: +/- 71%, Horizontal: +/- 25%

Light source	
● Light source	High-pressure mercury lamp, 215 W type

Recommended lamp replacement time *1	
● Recommended lamp replacement time	6000 H (Lamp mode: Low)

Filter replacement cycle (Max.)	
● Filter replacement cycle (Max.)	Same time as the lamp replacement is recommended

Screen size	
● Screen size	40" to 300" (1,016 mm to 7,624 mm)

Light output	
● Light output	1800 lm (Lamp mode: High) *2

Colour light output	
● Colour light output	1800 lm (Lamp mode: High) *2

Contrast ratio	
● 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. 1080/60p, 1080/50p, 1080/24p

OSD language	
● OSD languages	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)	

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● 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
● USB	DC 5 V, Max. 500 mA

Acoustic noise

● Acoustic noise	22 dB

Operating temperature / Operating humidity

● Operating temperature / Operating humidity	5°C to 35°C (41°F to 95°F) / 35% to 85% (no condensation)

Storage temperature / Storage humidity

● Storage temperature / Storage humidity	-20°C to +60°C (-4°F to +140°F) / 10% to 90% (no condensation)

Power requirements

● Power requirements	AC 100 V to 240 V, 3.1 A to 1.3 A,50/60 Hz

Power consumption

● Power consumption	Max 310 W

Power consumption (Standby)

● Power consumption (Standby)	0.4 W

Standby Mode Activated

● Standby Mode Activated	After about 10 Minutes

Dimensions (W x H x D) (without protrusions)

● 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 inches

Mass

● Mass	Approx. 9 kg / 20 lb

Supplied accessories

● 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

● Replacement lamp	LMP-H210

Notes

● *1	The figures are expected maintenance time and not guaranteed. They will depend on the environment or how the projector is used.
● *2	The values are estimate.

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Accessories

Ceiling Brackets

PSS-H10

Projector Ceiling Bracket for Home Cinema

Lamps

LMP-H210

Replacement Lamp for Home Cinema projectors

Other Accessories

TDG-BT500A

Active shutter glasses (RF type) for home cinema projectors

VPL-HW65ES