

VPL-HW65ES

Full HD SXRD Home Cinema Projector with 1800 lumens brightness and white finish (colour availability may vary by country)



Overview

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 daylight 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.

Colour availability may vary by country

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.

Specifications

Display System

Display System	SXRD panel, projection system
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Display device

Size of effective display area	0.61" x 3
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Number of pixels	6,220,800 (1920 x 1080 x 3) pixels
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Projection lens

Focus	Manual
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Zoom	Manual (Approx. x1.6)
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	Manual, Vertical: +/- 71%,
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Lens shift 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)

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
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Operating temperature / Operating humidity

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

Storage temperature /	-20°C to +60°C (-4°F to +140°F) /
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Storage humidity 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) 407.4 x 179.2 x 463.9 mm
(without protrusions) 16 1/8 x 7 1/8 x 18 3/8 inches

Mass

Mass	Approx. 9 kg / 20 lb
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Supplied accessories

	RM-PJ28 Remote Commander (1)
	Size AA (R6) Manganese Batteries (2)
Supplied accessories	AC Power Cord (1), Lens Cap (1)
	Operating Instructions (CD-ROM) (1)
	Quick Reference Manual (1)

Optional Accessories

3D Glasses	Please contact your Sony representative for specific models available in your region.
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Replacement lamp

Replacement lamp	LMP-H210
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Notes

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

*2

The values are estimate.

Environmental notice
for customers in the
USA

Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or see www.sony.com/mercury for additional information.

Gallery

