

VPL-VW1100ES

The ultimate 4K home cinema projector for larger, luxury private screening rooms



Overview

More than 4x the resolution of Full HD

The VPL-VW1100ES projector brings the fully immersive experience of the cinema into your home. See exceptional detail with 4K resolution, a dynamic contrast ratio of 1,000,000:1 and 2,000 lumens brightness.

2D & 3D films upscaled to 4K

While more and more 4K material is becoming available, our advanced Reality Creation technology upscales your 2D and 3D movies for a truly cinematic 4K experience.

Professional cinema technology

Advanced SXRD panels and Iris 3 technology produce an ultra-smooth, native 4K picture, with no compromises.

Features

4K native resolution: 4x the quality of Full HD

There's no compromise, the VPL-VW1100ES provides 4096 x 2160 resolution. We used our professional cinema expertise to develop 4K SXRD panels and produce a 4K native picture with no artificial pixel enhancement.

Dynamic contrast for incredible detail

Our 4K SXRD panels and Iris3 technology work together to produce an incredible contrast ratio of 1,000,000:1. Deep blacks plus a flatter pixel surface help to create astonishingly detailed images.

Triluminos Display technology

The VPL-VW1100ES's optical engine and SXRD panels incorporate our Triluminos Display technology to produce a much broader colour range, reproducing more tones and textures than a standard projector system. The result is greater purity, depth and realism.

2,000 lumens brightness

At 2,000 ANSI lumens, the VPL-VW1100ES incorporates a high performance lamp for the optimum viewing experience at home.

Reality Creation: upscales your movies to 4K

As well as native 4K material, you can see your current Full HD Blu-ray™ or DVD movie collection upscaled for a 4K experience. Reality Creation is a Super Resolution technology that radically enhances Full HD content, even upscaling 3D movies for 4K.

Compatible with 'Mastered in 4K' Blu-ray™ discs

Drawing on the same technology used to downscale 4K material for Full HD, the VPL-

Projection lens

Focus	Powered
Zoom - Powered/Manual	Powered
Zoom - Ratio	Approx. x 2.06
Lens shift - Powered/Manual	Powered
Lens shift - Range Vertical	+/- 80%
Lens shift - Range Horizontal	+/- 31%

Light source

Type	Ultra high pressure mercury lamp
Wattage	330 W type

Screen size

Screen size	60" to 300" (1.52 m to 7.62 m) (measured diagonally)
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Light output

Lamp mode: High	2000 lm
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Color light output

Lamp mode: High	2000 lm
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Contrast ratio*1

Contrast ratio	1,000,000:1 (Dynamic Contrast)
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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	480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p, 1080/24p, 3840x2160/24p, 3840x2160/25p, 3840x2160/30p, 3840x2160/50p, 3840x2160/60p, 4096x2160/24p, 4096x2160/25p,

4096×2160/30p, 4096×2160/50p,
4096×2160/60p

OSD language

OSD language 20-languages (English, Dutch, French, Italian, German, Spanish, Portuguese, Turkish, Polish, Russian, Swedish, Norwegian, Japanese, Simplified Chinese, Traditional Chinese, Korean, Thai, Vietnamese, Arabic, Persian)

INPUT OUTPUT (Computer/Video/Control)

HDMI 1 / HDMI 2	HDMI (x2)
Y PB/CB PR/CR	Pin Jack (x3)
INPUT A	RGB/Y Pb/Cb Pr/Cr input connector: Mini D-sub 15-pin (female)
REMOTE	RS-232C connector: D-sub 9-pin (female)
LAN	RJ-45, 10Base-T/100BASE-TX
IR IN	Mini Jack
TRIGGER1 / TRIGGER2	Mini Jack (x2)
3D SYNC	RJ-45

Acoustic noise

Lamp mode: Low 23 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, 4.8 A to 2.0 A, 50 Hz / 60 Hz

Power consumption

AC 100 V to 120 V	480 W
AC 220 V to 240 V	480 W

Power Consumption (Standby Mode)

AC 100 V to 120 V	0.3 W (when "Standby mode" is set to "Low")
AC 220 V to 240 V	0.3 W (when "Standby mode" is set to "Low")

Power Consumption (Networked Standby Mode)

AC 100 V to 120 V	3.5 W (LAN) (when "Standby Mode" is set to "Standard")
AC 220 V to 240 V	3.9 W (LAN) (when "Standby Mode" is set to "Standard")

Standby Mode / Networked Standby Mode Activated

Standby Mode / Networked Standby Mode Activated	After about 10 Minutes
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Dimensions (W x H x D)

Dimensions (W x H x D) (without protrusions)	520 x 200 x 640 mm (20 1/2 x 7 7/8 x 25 1/4 inches)
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Mass

Mass	20 kg (44 lb)
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Supplied accessories

Remote commander	RM-PJ22
IR 3D Glasses	TDG-PJ1

Optional Accessories

Replacement lamp	LMP-H330
Wireless HD Unit	IFU-WH1
IR 3D Glasses	TDG-PJ1
IR External Transmitter	TMR-PJ2

Notes

*1	The values are estimate.
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Environmental notice for	Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling
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customers in the USA

information, please contact your local authorities or see www.sony.com/mercury for additional information.

Gallery



