SONY

VPL-XW7000ES

Native 4K SXRD™ laser projector with 3,200 lumens brightness

Overview

Bright, immersive home entertainment from a native 4K laser projector

The beautifully styled VPL-XW7000ES is a native 4K HDR laser projector that blends effortlessly into today's living spaces.

The projector's long-lasting laser light source delivers achieves an impressive 3,200 lumens brightness – plenty for vibrant, punchy pictures even in brightly lit living rooms, home cinemas or media rooms. The advanced 4K SXRD™ panel is teamed with new wide dynamic range optics and Sony's power packed X1 Ultimate for projector processor. It all adds up to vibrant true 4K HDR images bursting with rich colours, awe-inspiring contrast and expanded dynamic range that honour the original content creator's intentions.

The VPL-XW7000ES integrates seamlessly into today's connected environments, with support for a wide range of home AV management standards. A stunning addition to any living space, it's also kinder on the planet with a mercury-free laser light source and reduced energy consumption per lumen compared with previous models.

Features

3,200 lumens of spectacular big-screen brightness

Pull your audience deep into the action with brighter, bolder entertainment. Sony's newly developed Native 4K SXRD™ (Silicon X-tal Reflective Display) panel and Wide Dynamic Range Optics deliver vibrant, high-brightness images for a truly immersive viewing experience.

Vivid, ultra-real colour that's always true to life

Newly developed Live Color Enhancer technology selectively expands tonal range for vivid HDR images without unnatural oversaturation, whether you're watching in daylight or darkened rooms.

All-new native 4K SXRD™ panel

Immerse yourself in an incredibly lifelike picture with native 4K resolution of 8.3 million pixels (3,840 x 2,160). Thanks to the all-new 0.61-inch SXRD panel, you'll enjoy high brightness, inky blacks, vibrant colours, rich tones and textures, plus clear cinematic motion and image smoothness.

All-new Wide Dynamic Range Optics

Our new Wide Dynamic Range Optics contribute to the projector's compact design, with improved light control by maximising the potential of the laser light source. The resulting higher colour volume assures naturally colourful images and stunning contrast, even at high brightness levels.

Flagship-level X1™ Ultimate for projector processor

Our X1™ Ultimate for projector processor draws on Sony's acclaimed BRAVIA TV video technologies, harnessing advanced data processing for real-time optimisation of individual on-screen objects. You'll be rewarded with stunning HDR images with textures, colours, contrast and realism unattainable with previous home cinema projectors.

Even more true-to-life colours

Sony's unique TRILUMINOS PRO algorithm ensures reproduction

of natural shades in every detail. You'll see the difference with colours that are closer to those experienced in the real world.

No colour off limits

The VPL-XW7000ES effortlessly reproduces an exceptionally wide colour gamut, covering a huge 95% of the cinema-standard DCI-P3 colour space.

All-new Advanced Crisp-Focused (ACF)

Our Advanced Crisp-Focused Lens features a 70mm aspherical front lens element that widens the focus area, ensuring clear images from corner to corner. A floating focus system uses two moving lens groups and extra-low dispersion glass for distortion-free images with accurate colour reproduction.

Ultimate big-screen cinematic experience

The VPL-XW7000ES is compatible with IMAX Enhanced content, letting you enjoy breathtaking IMAX visuals with compatible content. Take advantage of the size of your projector screen with movies that become even more immersive with IMAX Enhanced.

Incredibly compact native 4K laser projector

We've designed the VPL-XW7000ES to be even smaller and lighter than its predecessors by developing an all-new native 4K SXRD panel and compact Wide Dynamic Range Optics. The laser projector is about 20% smaller in volume and approximately 30% lighter than the VPL-VW790ES, with ultra-modern styling designed to blend into any room.

The smart home partner

The VPL-XW7000ES integrates seamlessly with today's home automation systems. Support for Control4, Crestron, Savant and AMX lets you enjoy a smarter, more convenient entertainment experience.

Enduring brightness

With the VPL-XW7000ES you'll never have to worry about

changing projector lamps. The ultra-pure laser light source requires virtually no maintenance, letting you enjoy perfectly clear 4K pictures at optimal brightness for up to 20,000 uninterrupted hours.

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Sustainable performance

The VPL-XW7000ES doesn't just perform brilliantly. It's also kinder on the planet, with a mercury-free laser light source and reduced energy consumption per lumen compared with previous models. We've also reduced the amount of virgin plastic used in the main body by more than 20% and the packaging materials by more than 15% compared to the VPL-VW790ES.

Specifications

Display System	
Display System	4K SXRD panel, projection system

Display Device	
Size of effective display area	0.61" x 3
Number of Pixels	24,883,200 (3840 x 2160 x 3) pixels

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Projection Lens

Focus	Powered
Zoom	Powered (Approx. x2.1)
Lens shift	Powered, Vertical +/- 85 %, Horizontal +/- 36 %
Throw ratio	1.35:1 to 2.84:1 *1

Light Source

Light Source	Laser phosphor

Light Output

Light Output	3,200 lm

Color Light Output

Color Light Output	3,200 lm

Contrast Ratio

Contrast Ratio	∞:1 (dynamic contrast)

Accepted Digital Signals

	720 x 576/50p, 720 x 480/60p, 1280 x

Accepted Digital Signals	720/50p, 1280 x 720/60p, 1920 x 1080/50i, 1920 x 1080/60i, 1920 x 1080/24p, 1920 x 1080/50p, 1920 x 1080/60p, 1920 x 1080/120p, 3840 x 2160/24p, 3840 x 2160/25p, 3840 x 2160/30p, 3840 x 2160/50p, 3840 x 2160/60p, 4096 x 2160/24p, 4096 x 2160/25p, 4096 x 2160/30p, 4096 x 2160/50p, 4096 x 2160/60p

INPUT OUTPUT (Computer / Video / Control)

HDMI	2 inputs (HDCP 2.3), Digital (RGB/Y Pb/CbPr/Cr)
TRIGGER	Mini jack, DC 12V Max.100 mA
REMOTE	RS-232C, D-sub 9-pin (male)
LAN	RJ45, 10BASE-T/100BASE-TX
IR IN	Mini jack
3D SYNC OUT	Mini jack
USB	Type A, DC 5 V, Max. 500 mA

Picture processor

Picture processor	X1 Ultimate for projector

OSD Languages

OSD Languages	18-languages (English, Dutch, French, Italian, German, Spanish, Portuguese, Turkish, Russian, Swedish, Norwegian, Japanese, Simplified Chinese, Traditional Chinese, Korean, Thai, Arabic, Polish)

Acoustic Noise

Acoustic Noise	26 dB *2

Operating Temperature / Operating Humidity

Operating Temperature / Operating Humidity	5°C to 35°C (41°F to 95°F)/20% to 80% (no condensation)

Storage Temperature / Storage Humidity

Storage Temperature / Storage Humidity	-10°C to +60°C (14°F to 140°F)/20% to 80% (no condensation)

Power Requirements

Power Requirements	AC 100 V to 240 V, 50/60 Hz

Power Consumption

Power Consumption	420 W
Standby	0.3 W (When "Remote Start" is set to "Off")
Networked Standby	0.5 W (LAN)(When "Remote Start" is set to "On"). When a LAN terminal is not connected, it becomes a low power consumption mode (0.5 W).

Standby Mode / Networked Standby Mode Activated

Standby Mode / Networked Standby Mode Activated	After about 10 Minutes

Dimensions (W x H x D)

Dimensions (W x H x D)	460 x 210 x 517 mm (W 18 1/8 x H 8 9/32 x D 20 11/32 in)

Mass

Mass	Approx. 14 kg / 31 lb

Supplied Accessories

Supplied Accessories	Remote Control (RM-PJ24); Size AA (R6) manganese batteries (2); AC Power Cord (1); Lens Cap (1); Setup Guide (1)

Notes

*1	Display size : 16:9
*2	This value is approximate. Depends on the projector setting condition and usage environment.

Gallery