

VPL-VW760ES



Compact, native 4K resolution home projector with laser light source

An ideal choice to fit in your home cinema room, the VPL-VW760ES brings movies to life with extraordinary cinematic detail, colour and contrast. This compact size home projector combines an advanced laser light source with the same Sony 4K SXR panel technology that's found in our professional cinema projectors.

Crisply detailed native 4K images (4096 x 2160) offer four times the resolution of Full HD, pulling you right into the heart of the action with unprecedented clarity. An aspherical front lens is mounted on the VPL-VW760ES, allowing for a larger area of focus range, expressing precise details in every corner of the screen.

You'll experience fabulously rich cinematic colours, smooth motion and spectacular contrast. Savour the action with 2,000 lumens brightness and see vibrant images.

You're fully prepared with compatibility for the latest 4K standards, including High Frame Rates and HDR (High Dynamic Range) - so you'll get the very best out of today's content, and tomorrow's.

Watch brightness for longer with a Z-Phosphor™ laser light

The VPL-VW760ES uses an ultra-pure and reliable Z-Phosphor™ laser light source. This Sony developed light source offers bright images for up to 20,000 hours of uninterrupted operation - no lamp replacement, and virtually zero maintenance.

Native 4K SXR™ panel

Featured in Sony's digital cinema projectors, advanced SXR (Silicon X-tal Reflective Display) panel technology delivers native 4K (4096 x 2160) resolution images, with more than four times the detail of Full HD. Fine details are wonderfully clear and natural, without jagged edges or visible pixels.

See richer, deeper blacks

Latest SXR 4K panels deliver even better contrast, as well as native 4K resolution. SXR projection offers rich, inky blacks, as well as clear cinematic motion and image smoothness. Improvements to the panel's reflective silicon layer now mean even better light control, for precisely reproduced shadows and blacks.

Dual contrast control

In addition to the dynamically-controlled laser light output, an Advanced Iris is also incorporated. Both the iris control and laser can be adjusted independently, and dynamically, to optimise light output for both dark and bright well-lit scenes. The result

Number of pixels	26,542,080 (4096 x 2160 x 3) pixels
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Projection lens

Focus	Powered
Zoom	Powered (Approx. x2.06)
Lens shift	Powered Vertical: +85% -80% Horizontal: +/-31%
Throw ratio*1	1:38 : 1 to 2:83 : 1

Light source

Light source	Laser diode
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Screen size

Screen size	60" to 300" (1,524 mm to 7,620 mm)
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Light output

Light output	2,000 lm
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Colour light output

Colour light output	2,000 lm
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Dynamic contrast

Dynamic contrast	∞:1
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Displayable scanning frequency

Horizontal	19 kHz to 72 kHz
Vertical	48 Hz to 92 Hz

Display resolution*2

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, 1080/60p, 1080/50p, 1080/24p, 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

OSD language

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

INPUT OUTPUT (Computer / Video / Control)

HDMI1 / HDMI2*3

Digital (RGB/Y Pb/Cb Pr/Cr)

Trigger

Minijack, DC 12 V Max. 100 mA

Remote

RS-232C, D-sub 9-pin (male)

LAN

RJ45, 10Base-T/100BASE-TX

IR IN

Mini Jack

USB

DC 5 V, Max. 500 mA

Acoustic noise

Acoustic noise

24 dB*4

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, 4.3 A to 1.8 A, 50/60Hz

Power consumption

Power consumption

430 W

Standby

0.4 W (when "Remote Start" is set to "Off")

Networked Standby

1.0W (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
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3D

3D capability	Yes
3D emitter	Built-in RF emitter
3D glasses	TDG-BT500A (Optional) Please contact your Sony representative for specific models available in your region.

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

Dimensions (W x H x D) (without protrusions)	560 x 223 x 496 mm 22 1/16 x 8 25/32 x 19 17/32 inches
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Mass

Mass	Approx. 20 kg / 44 lb
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Supplied accessories

Supplied accessories	RM-PJ24 Remote Commander (1) Size AA (R6) Manganese Batteries (2) Lens Cap (1) AC Power Cord (1) Operating Instructions (CD-ROM) (1) Quick Reference Manual (1) Safety Regulations (1)
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Notes

*1	Display size : 16:9
*2	Displayed image may be converted for some input signals.
*3	Both HDMI inputs are compatible with HDCP 2.2.
*4	This value is approximate. Depends on the projector setting condition and usage environment.

