

SONY

Press Release

Sony Adds New Native 4K Models to Home Cinema Projector Series

Native 4K resolution and high dynamic range¹ imagery bring a true 4K home cinema experience to your living room



VPL-VW520ES/ VW320ES

Hong Kong, October 15, 2015 – Sony is expanding its home cinema projector line-up by announcing three new projectors, further demonstrating its commitment towards bringing content to life in breathtaking quality. From native 4K to Full HD 3D resolution, the new Sony Home Cinema projectors are packed with the latest innovative technologies to make true home cinema a possibility for a broader audience than ever before.

New native 4K models

The new 4K projectors, the VPL-VW520ES and VPL-VW320ES, deliver native 4K resolution for a truly immersive viewing experience. These projectors are the successors to Sony's hugely popular VPL-VW500ES and VPL-VW300ES projectors, and a new long-lasting lamp gives both up to 6,000 hours of performance, with high brightness and high contrast for even more vibrant images.

Sony is unrivalled in its ability to offer breathtaking image quality through native 4K resolution, and, for the first time ever in-home cinema projection, the VPL-VW520ES is compatible with HDMI input of HDR (High Dynamic Range) content with a 300,000:1 dynamic contrast ratio. HDR imagery comes closest to the reality our eyes see every day, with higher contrast, deeper blacks, and exceptional dynamic range. The VPL-VW520ES gives home cinema enthusiasts the opportunity to experience total immersion in whatever they are watching.

The VPL-VW520ES and VPL-VW320ES use advanced SXRDTM panels for a native 4K picture, with no artificial manipulation of pixels. Rich and accurate colour reproduction is ensured by Sony's proprietary TRILUMINOSTM engine design, and Motionflow picture technology also serves to deliver clearer, less blurry images when watching fast-paced, cinematic action.

Both new models allow users to enjoy up-to-date 4K content services through the latest connectivity options in the latest HDMI standard² and HDCP 2.2. A built-in RF 3D transmitter makes it easy to

¹ Applicable to the VPL-VW520ES

² Up to 4K 60p YCbCr 4:2:0 / 8bit

provide further adaptability with a strong wireless signal for wider coverage and 3D synchronisation stability.

Users may also adjust the picture to perfectly suit their tastes through the professional calibration function. This colour correction tool allows users to adjust the hue, saturation, and brightness of each colour and the colour space for red, green, blue respectively, to their desired level.



VPL-HW65ES

Full HD projector

Sony also launches the new VPL-HW65ES, which uses SXRD panel technology and 2nd generation Super Resolution 4K Upscaler 'Reality Creation' for a Full HD home cinema experience at a more affordable price. The VPL-HW65ES also benefits from Sony's 6,000 hour long-lasting lamp, a built in RF 3D transmitter and a USB update function to keep the device's firmware up-to-date with the latest software releases. IP control gives the projector versatile home automation compatibility, which combines with its compact size and front exhaust for a range of flexible installation solutions.

White colour to fit your living room

All three new projectors will be available in white, in addition to black, following the request from customers, and to suit a wider range of installation environments such as living room settings. The current trend for interior design and more and more 'living room theatre' environments mean that projectors need a sleek and unobtrusive colour in order to perfectly blend in.

Sony new 4K projectors VPL-VW520ES and VPL-VW320ES are sold at HK\$77,992 and HK\$54,592, respectively. The Full HD home cinema projector VPL-HW65ES is sold at HK\$31,192. All three models are now available for ordering.

For customer enquiries, please contact Sony hotline service at (852) 2345-2966.

About Hong Kong Marketing Company

Hong Kong Marketing Company (HKMC), a division of Sony Corporation of Hong Kong Limited, provides sales, marketing and after sales services for Sony's consumer electronics products as well as broadcast and professional products in Hong Kong and Macau. For more information on Sony's products and services, please visit our website at <http://www.sony.com.hk>.

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Specifications of Sony 4K home theater projectors VPL-VW520ES and VPL-VW320ES:

Display system	4K SXRD panel, projection system	
Display device		
	Size of effective display area: 0.74" (18.8mm)	
	Number of pixels: 26,542,080 (4096x2160x3) pixels	
Projection lens		
Focus	Powered	
Zoom	Powered (Approx. x2.06)	
Lens shift	Powered, Vertical: +85% -80%, Horizontal: +/- 31%	
General		
Light source	High-pressure mercury lamp, 280 W type	High-pressure mercury lamp, 225 W type
Recommended lamp replacement time* ¹	6000 H (Lamp mode: Low)	
Filter replacement cycle (Max.)	Same time as the lamp replacement is recommended	
Screen size (measured diagonally)	80" to 200"	
Light output	1800 lm (Lamp mode: High) * ²	1500 lm (Lamp mode: High) * ²
Color light output	1800 lm (Lamp mode: High)* ²	1500 lm (Lamp mode: High) * ²
Dynamic Contrast	300,000:1	NA
Display resolution		
Video signal input	480/60p, 576/50p, 729/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p, 1080/24p, 3840x2160/24p, 3840x2160/25p, 3840x2160/30p, 3840x2160/50p* ³ , 3840x2160/60p* ³ , 4096x2160/24p, 4096x2160/25p, 4096x2160/30p, 4096x2160/50p* ³ , 4096x2160/60p* ³	
Input Output (Computer/ video/ control)		
HDMI1/ HDMI2 (HDCP2.2)	Digital (RGB/ Y Pb/ Cb Pr/ Cr)	
Trigger	Minijack, DC 12 V Max. 100mA	
Remote	RS-232C, D-sub 9-pin (female)	
LAN	RJ45, 10Base-T/100BASE-TX	
IR IN	Mini Jack	
Operating temperature/ operating humidity	5°C to 35°C (41°F to 95°F) / 35% to 85% (no condensation)	
Storage temperature/ Storage humidity	-20°C to +60°C (-4°F to +140°F) / 10% to 90% (no condensation)	
Power requirements	AC 100V to 240 V, 4.1 A to 1.7 A, 50/60Hz	AC 100V to 240 V, 3.5 A to 1.5 A, 50/60Hz
Power consumption	AC 100V to 120V: Max 410 W AV 220V to 240V: Max 410 W	AC 100V to 120V: Max 350 W AV 220V to 240V: Max 350 W
Power consumption (Standby mode)	AC 100V to 120V: 0.3W (when "Standby mode" is set to "Low") AV 220V to 240V: 0.3W (when "Standby mode" is set to "Low")	
Power consumption (Networked Standby mode)	AC 100V to 120V: 1.0W (All terminals and networks connected, when "Standby Mode" is set to "Standard") AV 220V to 240V: 1.0W (All terminals and networks connected, when "Standby Mode" is set to "Standard")	
Dimensions (W x H x D) (without protrusions)	495.6 x 195.3 x 463.6mm 19 1/2x 7 11/16 x 18 1/4 inches	
Supplied accessories	RM-PJ24 Remote Commander	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)	(1), Size AA (R6) Manganese Batteries (2), AC Power Cord (1), Lens Cap (1), Operating Instructions (CD- ROM) (1), Quick Reference Manual (1)
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*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.

*3 VCbCr 4:2:0/ 8 bit

Specifications of Sony Full HD home theater projector VPL-HW65ES:

Display system	SXRD panel, projection system
Display device	
	Size of effective display area: 0.61" (15.4mm)
	Number of pixels: 6,220,800 (2,073,600 pixels x 3)
Projection lens	
Focus	Manual
Zoom	Manual (Approx. x1.6)
Lens shift	Manual, Vertical: +/- 71%, Horizontal: +/- 25%
General	
Light source	High-pressure mercury lamp, 215 W type
Recommended lamp replacement time* ¹	6000 H (Lamp mode: Low)
Filter replacement cycle (Max.)	Same time as the lamp replacement is recommended
Screen size (measured diagonally)	80" to 200"
Light output	1800 lm (Lamp mode: High)* ²
Color light output	1800 lm (Lamp mode: High)* ²
Contrastration	120,000:1 (Dynamic Contrast)
Display resolution	
Video signal input	480/60p, 576/50p, 729/60p, 720/50p, 1080/60i, 1080/50i The following items are available for HDMI input only: 1080/60p, 1080/50p, 1080/24p
Input Output (Computer/ video/ control)	
HDMI1/ HDMI2	Digital (RGB/ Y Pb/ Cb Pr/ Cr)
Trigger	Minijack, DC 12 V Max. 100mA
Remote	RS-232C, D-sub 9-pin (female)
LAN	RJ45, 10Base-T/100BASE-TX
IR IN	Mini Jack
Operating temperature/ operating humidity	5°C to 35°C (41°F to 95°F) / 35% to 85% (no condensation)
Storage temperature/ Storage humidity	-20°C to +60°C (-4°F to +140°F) / 10% to 90% (no condensation)
Power requirements	AC 100V to 240 V, 3.1 A to 1.3 A, 50/60Hz
Power consumption	AC 100V to 120V: Max 310 W AV 220V to 240V: Max 310 W
Power consumption (Standby mode)	AC 100V to 120V: 0.4W (when "Standby mode" is set to "Low") AV 220V to 240V: 0.4W (when "Standby mode" is set to "Low")
Power consumption (Networked Standby mode)	AC 100V to 120V: 1.0W (All terminals and networks connected, when "Standby Mode" is set to "Standard") AV 220V to 240V: 1.0W (All terminals and networks connected, when "Standby Mode" is set to "Standard")
Dimensions (W x H x D) (without protrusions)	407.4 x 179.2 x 463.9mm 16 1/8 x 7 1/8 x 18 3/8 inches
Mass	Approx. 9kg/ 20lb
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)

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