



Press Release

Sony Introduces the Ultimate 4K HDR Home Theatre Projector VPL-VW5000ES

Laser-powered 5,000 lumens 4K resolution and premium features for home theatre enthusiasts



Hong Kong, April 28, 2016 – Sony today announced the introduction of the latest flagship 4K HDR home cinema projector VPL-VW5000ES with a 5,000 lumens 4K SXRD™ laser light source. Sony's new reference-quality unit is the first projector designed specifically for home cinema use that features 4K resolution powered by a laser light engine that provides 5,000 lumens of brightness, is compatible with High Dynamic Range (HDR), emulates the new BT.2020 color gamut, and covers the full DCI colour space.

Sony continues to be the only manufacturer designing projectors specifically for the home theatre market that provides full 4K resolution imagers. Sony's advanced SXRD panels are designed to produce outstanding native device contrast and when coupled with the laser light engine, the VPL-VW5000ES provides an infinite dynamic contrast ratio and 5,000 lumens of color light output.

The VPL-VW5000ES covers the full DCI-P3 color gamut. By taking advantage of its professional calibration tools, the new projector allows the user to choose to emulate the BT.2020 color space, as well. This ensures compatibility with upcoming home video formats. And by bringing together high brightness, infinite dynamic contrast and the latest signal processing technology, the VPL-VW5000ES provides compatibility with High Dynamic Range (HDR), enabling the viewer to see wider ranges of contrast and colors than ever before.

Sony's Advanced Motionflow feature reduces blur and maintains brightness and VPL-VW5000ES' extremely fast imagers allow viewing of fast action content – especially sporting events – with great smoothness, even with 4K signals. Along with HDR and BT.2020 capabilities, the VPL-VW5000ES also includes an HDMI input that is HDCP 2.2 compatible. That same input has enough bandwidth to accept 4K 60p signals up to YCbCr 4:4:4 8bit or YCbCr 4:2:2 12bit, thus helping to ensure that the VPL-VW5000ES is prepared to handle all types of video content now and in the future.

The VPL-VW5000ES can be tilted as much as 30 degrees, allowing for flexible installations that take advantage of mirrors to place larger screens in smaller spaces, such as rear projection. Thanks to

a newly developed liquid cooling system with low noise operation, the projector can also be located near viewers without impacting the enjoyment of a program's audio. The unit ships with a standard powered lens with a zoom ratio from 1.27 to 2.73:1 and lens shift capability of +/- 80% vertical and +/- 31% horizontal.

Benefits of the VPL-VW5000ES' laser light engine include fast on/off times with no waiting for the projector to cool down – which means you can immediately turn it back on to resume binge-watching your favorite show. The light engine delivers a long operational life with a linear decrease in brightness, so the color shifts seen with traditional lamp wear are not expected. But if the color settings do shift over time the VPL-VW5000ES includes a built-in re-calibration function that can be used to test how much the projector has drifted from its original factory calibration and reset it.

The 4K HDR home cinema projector VPL-VW5000ES from Sony will be available from May 2016 at HK\$468,000.

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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Product specifications of Sony 4K HDR Home Theater Projector VPL-VW5000ES:

Model		VPL-VW5000ES
Display system	4K SXRD panel, projection system	
Display device		
	Size of effective display area: 0.74" x3	
	Number of pixels: 26,542,080 (4096x2160x3) pixels	
Projection lens		
Focus	Powered	
Zoom	Powered	
Lens shift	VPLL-Z7013 (Bundled): Powered, Vertical: +/-80%, Horizontal: +/-31% VPLL-Z7008 (Optional): Powered, Vertical: +/-50%, Horizontal: +/-18%	
Throw ratio	VPLL-Z7013 (Bundled): 1.27:1 to 2.73:1 VPLL-Z7008 (Optional): 0.80:1 to 1.02:1	
Screen size	VPLL-Z7013 (Bundled): 60" to 300" (1,524mm to 7,620mm) VPLL-Z7008 (Optional): 0.80:1 to 1.02:1 (1,524mm to 25,400mm)	
General		
Light source	Laser diode	
Filter replacement cycle (Max.)	20,000 H	
Light output	5,000 lm	
Color light output	5,000 lm	
Contrast Ratio	∞:1 (dynamic contrast)	
Display resolution		
Accepted digital signals ^{*1}	VGA, SVGA, XGA, WXGA(1280x768), Quad-VGA, SXGA, 720x480/60p, 720x576/50p, 1280x720/50p, 1280x720/60p, 1920x1080/50i, 1920x1080/60i, 1920x1080/24p, 1920x1080/50p, 1920x1080/60p, 3840x2160/24p, 3840x2160/25p, 3840x2160/30p, 3840x2160/50p, 3840x2160/60p, 4096x2160/24p, 4096x2160/25p, 4096x2160/30p, 4096x2160/50p, 4096x2160/60p	
Input Output (Computer/ video/ control)		
HDMI1/ HDMI2	Digital (RGB/ Y Pb/ Cb Pr/ Cr)	
Trigger1/ Trigger 2	Minijack, DC 12 V Max. 100mA	
Remote	RS-232C, D-sub 9-pin (female)	
LAN	RJ45, 10Base-T/100BASE-TX	
IR IN/ OUT	IN:1, Out:1, Mini Jack	
Operating temperature/ operating humidity	5°C to 40°C (41°F to 104°F) / 20% to 80% (no condensation)	
Storage temperature/ Storage humidity	-10°C to +60°C (14°F to +140°F) / 20% to 80% (no condensation)	
Power requirements	AC 220V to 240 V, 6 A, 50/60Hz	
Power consumption	MAX. 1.2kW	
Power consumption	0.4W (When "Remote Start" is set to "off")	

(Standby mode)	
Power consumption (Networked Standby mode)	0.6W (LAN)(When “Remote Start” is set to “On”)
Dimensions (W x H x D) (without protrusions)	W550 x H228 x D750mm
Supplied accessories	RM-PJ24 Remote Commander (1), Size AA (R6) Manganese Batteries (2), AC Power Cord (1), Operating Instructions (CD-ROM) (1), Quick Reference Manual (1)

*1 60p, 30p, 24p include 59.94/60Hz, 29.97Hz/30Hz, 23.98Hz/ 24Hz