

SONY

VPL-VW270ES

See the Big Picture in Native 4K HDR



SXRD

At a glance

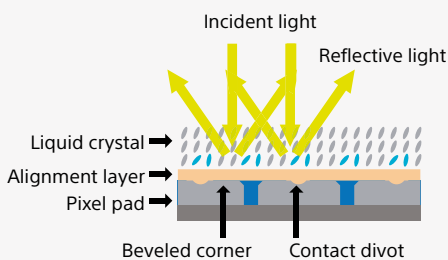
- Native 4K resolution: 4096x2160
- 1,500 ANSI lumens
- Advanced 3 panel SXRD technology
- Very high contrast, ideal for HDR
- Sony 4K super resolution and MotionFlow picture processing
- Input lag reduction, ideal for gaming. 27ms with 4K60p

The VPL-VW270ES Native 4K Home Cinema Projector with 1,500 lumens brightness brings entertainment beautifully to life with 4K HDR picture quality in every living space. This model's great value lets you take full advantage of the latest content with impressive sharpness and vivid color, whether you're watching sports, enjoying movies, or playing games.

See deeper blacks with 4K SXRD panels

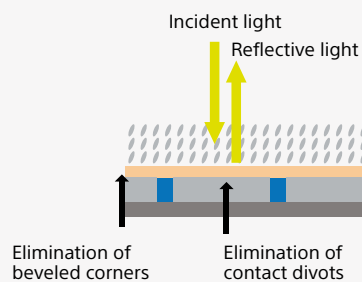
Latest SXRD panels deliver even better contrast, as well as native 4K resolution. SXRD projection offers rich, inky blacks, as well as clear cinematic motion and image smoothness. Improvements to the silicon layer now mean even better light control, for precisely delivered shadows and blacks.

Conventional SXRD



Simulated images

Latest SXRD



Higher contrast

Native 4K SXRD™ panel

Advanced Sony's SXRD (Silicon X-tal Reflective Display) panel technology featured in Sony's digital cinema projectors 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.



Native 4K Panel

4096 x 2160 (8.8 million pixels)



4K Motionflow

For fast-moving scenes our Motionflow technology displays twice as many images and transitions per second as Full HD for minimal blur. 'True Cinema' mode retains additional combined dark and artificial images to each frame.



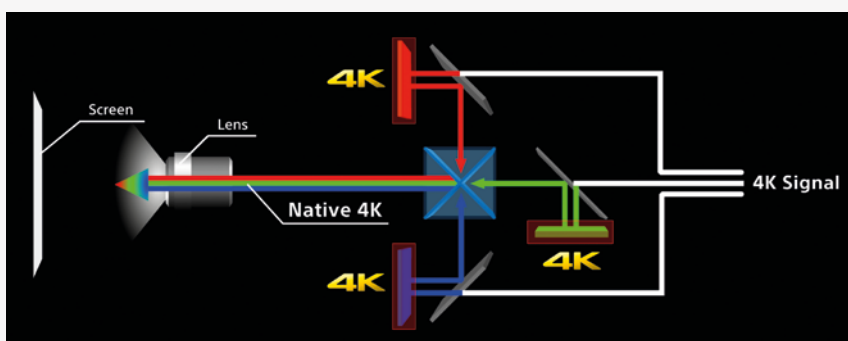
Without Motionflow



With Motionflow

Optimal colours with 3 SXRD panels

All Sony home cinema projectors utilise a 3 panel SXRD architecture, one for each colour - Red, Green and Blue. A 3 panel architecture enables accurate colour reproduction whilst maintaining a high colour light output for excellent HDR performance.



Specifications

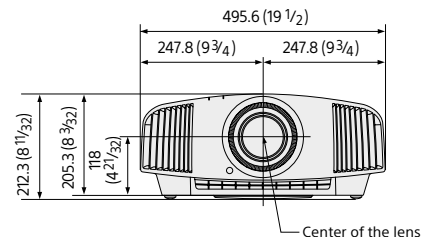
		VPL-VW270ES
Display system		4K SXRD panel, projection system
Display device	Size of effective display area	0.74" x 3
	Number of pixels	26,542,080 (4096 x 2160 x 3) pixels
Projection lens	Focus	Powered
	Zoom	Powered (Approx. x 2.06)
	Lens shift	Powered, Vertical: +85 % -80 %, Horizontal: +/-31 %
		-
	Throw ratio	1.38 : 1 to 2.83 : 1
		-
Light source		High-pressure mercury lamp, 225 W type
Recommended lamp replacement time		6000 H (Lamp mode: Low)
Light output		1500 lm (Lamp mode: High)
Dynamic contrast		-
Accepted digital signals		720 x 576/50p, 720 x 480/60p, 1280 x 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, 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	x 2 (HDCP2.2)
	Display Port	-
	Trigger	x 1 (Mini jack, DC 12 V, Max. 100 mA)
	RS-232C	x 1 (D-sub 9-pin (male))
	LAN	x 1 (RJ-45, 10BASE-T/100BASE-TX)
	IR IN / OUT	IN: x 1 (Mini jack)
	3D SYNC OUT	-
	USB	x 1 (Type A, DC 5 V, Max. 500 mA)
Picture processor		-
Object-based HDR remaster		-
Dynamic HDR Enhancer		-
Object-based Super Resolution		-
Super Resolution		Yes
Dual database processing		-
Digital Contrast Optimizer		-
Digital Focus Optimizer		-
Dynamic contrast control		-
Motionflow		Yes
HDR Format		HDR10/HLG
3D		Yes
Picture position memory		-
Input lag reduction		Yes (4K/2K)
Acoustic noise		26 dB
Power requirements		AC 100-240 V, 50/60 Hz
Power consumption		390 W
	Standby	0.4 W (when "Remote Start" is set to "Off")
	Networked Standby	1.0 W (LAN) (when "Remote Start" is set to "On")
Dimensions (Without Protrusions)		W 496 x H 205 x D 464 mm (W 19 1/2 x H 8 3/32 x D 18 1/4 in)
Mass		Approx. 14 kg / 31 lb
Supplied accessories		RM-PI28 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), Safety Regulations (1)
Optional accessories		LMP-H220 (Lamp)

Dimensions

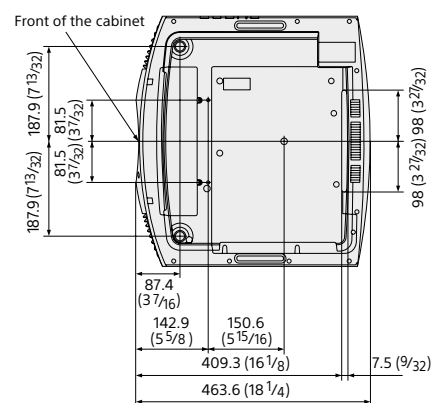
CONNECTOR PANELS



Front



Bottom



Optional Accessories

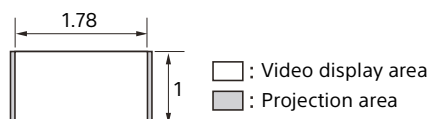


X105-RF-X1
XpanD 3D Glasses

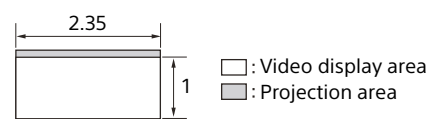


LMP-H220 for VPL-VW270ES
Projector Lamp
(for replacement)

Projection distance



1.78:1 (16:9)		
Projection image size		Projection distance L
Diagonal	Width x Height	
80" (2.03 m)	1.77 x 1.00 (70 x 39)	2.44 - 5.01 (96 - 197)
100" (2.54 m)	2.21 x 1.25 (87 x 49)	3.05 - 6.28 (121 - 247)
120" (3.05 m)	2.66 x 1.49 (105 x 59)	3.67 - 7.55 (145 - 297)
150" (3.81 m)	3.32 x 1.87 (131 x 74)	4.60 - 9.44 (181 - 371)
200" (5.08 m)	4.43 x 2.49 (174 x 98)	6.15 - 12.61 (242 - 496)




2.35:1		
Projection image size		Projection distance L
Diagonal	Width x Height	
80" (2.03 m)	1.87 x 0.80 (74 x 31)	2.41 - 4.96 (95 - 195)
100" (2.54 m)	2.34 x 0.99 (92 x 39)	3.02 - 6.22 (119 - 244)
120" (3.05 m)	2.80 x 1.19 (110 x 47)	3.64 - 7.47 (143 - 294)
150" (3.81 m)	3.51 x 1.49 (138 x 59)	4.55 - 9.35 (180 - 368)
200" (5.08 m)	4.67 x 1.99 (184 x 78)	6.08 - 12.48 (240 - 491)

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