SONY

VPL-VW270ES

See the Big Picture in Native 4K HDR



- Native 4K resolution: 4096x2160
- 1,500 ANSI lumens

- Sony 4K super resolution and MotionFlow picture

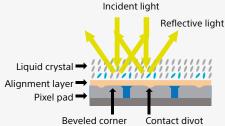
The VPL-VW270ES Native 4K Home Cinema Projector with 1,500 lumens brightness brings entertainment beautifully to life with 4K HDR picture quality in every living space. This model's great value lets you take full advantage of the latest content with impressive sharpness and vivid color, whether you're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

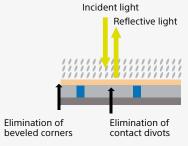
See deeper blacks with 4K SXRD panels

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

Latest SXRD







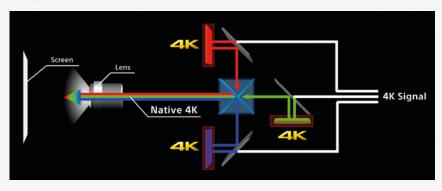


Simulated images

Higher contrast

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.



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



With Motionflow

Specifications

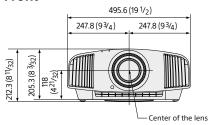
Display system			
Display device Size of effective display area Number of pixels 26,542,080 (4096 x 2160 x 3) pixels			/
Number of pixels			
Projection lens	Display device		
Throw ratio			
Lens shift	Projection lens		
Horizontal: +/-31 %			
Light source		Lens shift	
Light source			-
Recommended lamp replacement time		Throw ratio	1.38 : 1 to 2.83 : 1
Recommended lamp replacement time	Light source		High-pressure mercury lamp, 225 W type
1500 lm (Lamp mode: High) 1500 lm (1500 lm (Lamp mode: High) 1500 lm (Lam		amp replacement time	
Dynamic contrast		amp replacement time	
Accepted digital signals		t	=
1280 x 720/50p, 1280 x 720/50p, 1920 x 1080/50i, 1920 x 1080/50p, 1920 x 1080/50p, 1920 x 1080/50p, 1920 x 1080/60p, 3840 x 2160/24p, 3840 x 2160/25p, 3840 x 2160/60p, 4096 x 2160/50p, 4096 x 2160/24p, 4096 x 2160/30p, 4096 x 2160/30p, 4096 x 2160/30p, 4096 x 2160/50p, 4096 x 2160/60p			720 v 576/50p, 720 v 480/60p
Computer / Video / Control Display Port - Trigger x1 (Mini jack, DC 12 V, Max. 100 mA) X1 (Mini jack, DC 12 V, Max. 100 mA) X1 (RJ-45, 10BASE-T/100BASE-TX) IR IN / OUT III: x1 (Mini jack) X1 (RJ-45, 10BASE-T/100BASE-TX) IR IN / OUT JSD SYNC OUT - TUSB x1 (Type A, DC 5 V, Max. 500 mA) Y1 (Type A, DC 5 V	nccepteu utgital signals		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 2160/50p
Video / Control) Trigger			x 2 (HDCP2.2)
RS-232C x1 (D-sub 9-pin (male)) LAN x1 (RI-45, 10BASE-T/100BASE-TX) IRIN / OUT IN: x1 (Mini jack) 3D SYNC OUT - USB x1 (Type A, DC 5 V, Max. 500 mA) Picture processor - Object-based HDR remaster - Dynamic HDR Enhancer - Object-based Super Resolution Yes Dual database processing - Digital Contrast Optimizer - Digital Focus Optimizer - Dynamic contrast control Yes HDR Format HDRIO/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 requirements AC 100-240 V, 50/60 Hz Power consumption 390 W Standby O.4 W (when "Remote Start" is set to "Off") Networked Standby U.4N (when "Remote Start" is set to "Off") Networked Standby Networked Networked Networked Networke	(Computer /		=
LAN	video / Control)		
IR IN / OUT 3D SYNC OUT USB x1 (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 HDR Format - HDR10/HLG 3D Yes HDR Format - Input lag reduction Acoustic noise Power requirements AC 100-240 V, 50/60 Hz Power consumption 390 W Standby O.4 W (when "Remote Start" is set to "Off") Networked Standby Dimensions (Without Protrusions) Mass Approx. 14 kg / 31 lb Supplied accessories Postional accessories Optional accessories IN: x1 (Mini jack) x1 (Type A, DC 5 V, Max. 500 mA) - USB x1 (Type A, DC 5 V, Max. 500 mA)			x 1 (D-sub 9-pin (male))
BO SYNC OUT USB x1 (Type A, DC 5 V, Max. 500 mA)		LAN	x 1 (RJ-45, 10BASE-T/100BASE-TX)
USB			IN: x 1 (Mini jack)
Picture processor Object-based HDR remaster - Dynamic HDR Enhancer Object-based Super Resolution Super Resolution Super Resolution Pes Dual database processing Digital Contrast Optimizer Digital Focus Optimizer Dynamic contrast control - Motionflow HDR Format JOHAN (Wes HDR Format HDR10/HLG JOHAN (Wes HDR Format AC 100-240 V, 50/60 Hz Power consumption Standby AC 100-240 V, 50/60 Hz Power consumption Standby O.4 W (when "Remote Start" is set to "Off") Networked Standby Dimensions Without Protrusions) Wes Approx. 14 kg / 31 lb Supplied accessories RM-P128 Remote Commander (1), Size AA (R6) Manganese Batteries (2), AC Power Cord (1), Lens Cap (1), Operating Instructions (CD-ROM) (1), Operating Instructions (CD-ROM) (1), Operating Instructions (1)			-
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 HDR Format HDR10/HLG 3D Yes Picture position memory Input lag reduction Acoustic noise Acoustic noise Power requirements AC 100-240 V, 50/60 Hz Power consumption Standby Networked Standby 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 Supplied accessories RM-P128 Remote Commander (1), Size AA (R6) Manganese Batteries (2), AC Power Cord (1), Lens Cap (1), Operating Instructions (CD-ROM) (1), Operating Instructio		USB	x 1 (Type A, DC 5 V, Max. 500 mA)
Dynamic HDR Enhancer Object-based Super Resolution Super Resolution Pual database processing Digital Contrast Optimizer Digital Focus Optimizer Dynamic contrast control Motionflow HDR Format HDR10/HLG 3D Yes Picture position memory Input lag reduction Acoustic noise 26 dB Power requirements AC 100-240 V, 50/60 Hz Power consumption Standby Networked Standby Dimensions (Without Protrusions) W 496 x H 205 x D 464 mm (Without Protrusions) W 496 x H 205 x D 464 mm (Without Protrusions) Mass Approx. 14 kg / 31 lb Supplied accessories RM-P128 Remote Commander (1), Size AA (R6) Manganese Batteries (2), AC Power Cord (1), Lens Cap (1), Operating Instructions (CD-ROM) (1), Safety Regulations (1)	Picture processor	r	-
Object-based Super Resolution	Object-based HD	R remaster	-
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 "Off") 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-PJ28 Remote Commander (1), Size AA (R6) Manganese Batteries (2), AC Power Cord (1), Lens Cap (1), Operating Instructions (CD-ROM) (1), Operating Instructions (CD-ROM) (1), Operating Instructions (1)	Dynamic HDR En	hancer	-
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Digital Contrast Optimizer Digital Focus Optimizer Digital Focus Optimizer Dynamic contrast control Motionflow HDR Format HDRIO/HLG 3D Yes Picture position memory - Input lag reduction Acoustic noise 26 dB Power requirements AC 100-240 V, 50/60 Hz Power consumption 390 W Standby O.4 W (when "Remote Start" is set to "Off") Networked Standby 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 Supplied accessories RM-P128 Remote Commander (1), Size AA (R6) Manganese Batteries (2), AC Power Cord (1), Lens Cap (1), Operating Instructions (CD-ROM) (1), Operating Instructions (CD-ROM) (1), Safety Regulations (1)	Super Resolution		Yes
Digital Focus Optimizer Dynamic contrast control - Motionflow HDR Format JD Picture position memory Input lag reduction Fower consumption Standby Metworked Standby JO 4 W (when "Remote Start" is set to "Off") Networked Standby JO 4 W (when "Remote Start" is set to "Off") Wetworked Standby JO 4 W (when "Remote Start" is set to "Off") Wetworked Standby JO 4 W (when "Remote Start" is set to "Off") Wathout Protrusions Wide A Company of the Market of	Dual database pr	ocessing	-
Dynamic contrast control	Digital Contrast C	Optimizer	-
Motionflow	Digital Focus Opt	imizer	-
HDR Format 3D Yes Picture position memory Input lag reduction Acoustic noise Power requirements Power consumption Standby Networked Standby Dimensions (Without Protrusions) Mass Supplied accessories AC 100 - 240 V, 50 / 60 Hz 390 W 1.0 W (LAN) (when "Remote Start" is set to "Off") Networked Standby 1.0 W (LAN) (when "Remote Start" is set to "Off") 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-P128 Remote Commander (1), Size AA (R6) Manganese Batteries (2), AC Power Cord (1), Lens Cap (1), Operating Instructions (CD-ROM) (1), Operating Instructions (CD-ROM) (1), Safety Regulations (1)	Dynamic contras	t control	-
Yes Picture position memory -	Motionflow		Yes
Picture position memory Input lag reduction Acoustic noise Power requirements Power requirements Power consumption Standby Networked Standby O.4 W (when "Remote Start" is set to "Off") Networked Standby 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) Wass 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), Operating Instructions (CD-ROM) (1), Safety Regulations (1)	HDR Format		HDR10/HLG
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Input lag reduction	Picture position r	nemory	-
Acoustic noise Power requirements AC 100-240 V, 50/60 Hz Power consumption Standby O.4 W (when "Remote Start" is set to "Off") Networked Standby Dimensions W 496 x H 205 x D 464 mm (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 RMI-P128 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)			Yes (4K/2K)
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Power consumption Standby Networked Standby Dimensions (Without Protrusions) Mass Supplied accessories 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 Size AA (R6) Manganese Batteries (2), AC Power Cord (1), Lens Cap (1), Operating Instructions (CD-ROM) (1), Outstand Accessories Outstand Accessories Power Cord (1), Continual accessories Outstand Accessories	Power requireme	ents	AC 100-240 V, 50/60 Hz
Standby Networked Standby Dimensions (Without Protrusions) Mass Approx. 14 kg / 31 lb 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), Safety Regulations (1) Optional accessories			
Networked Standby Dimensions W 496 x H 205 x D 464 mm (Without Protrusions) W 396 x H 205 x D 464 mm (W 19 1/2 x 18 x 3/32 x D 18 1/4 in) Mass Approx. 14 kg / 31 lb Supplied accessories RMI-P128 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)	· ————————		0.4 W (when "Remote Start" is set to "Off")
Dimensions (W496 x H 205 x D 464 mm (W190 x H 205 x D 464 mm (W190 x H 205 x D 464 mm (W190 x H 8 3/32 x D 181/4 in) Mass Approx. 14 kg / 31 lb 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), Operating Instructions (CD-ROM) (1), Safety Regulations (1)			
Mass Approx. 14 kg / 31 lb 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), Safety Regulations (1)	Dimensions		W 496 x H 205 x D 464 mm
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), Safety Regulations (1)			
Optional accessories LMP-H220 (Lamp)	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),
	Optional accesso	ries	LMP-H220 (Lamp)

Dimensions

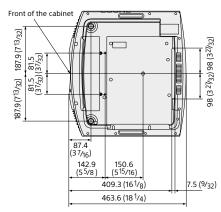
CONNECTOR PANELS



Front



Bottom



Optional Accessories







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

Projection distance



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

2.35		
	1	: Video display area

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

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