

Specifications

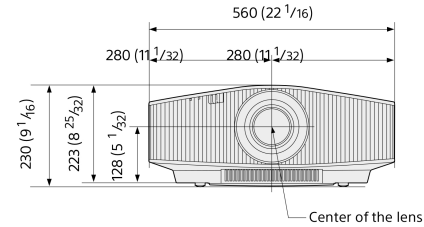
VPL-VW790ES		
Display system	4K SXRD panel, projection system	
Display device	Size of effective display area	0.74" x 3
	Number of pixels	26,542,080 (4096 x 2160 x 3) pixels
Projection lens	Focus	Powered
	Zoom	Powered (Approx. x 2.06)
	Lens shift	Powered, Vertical: +85 % -80 %, Horizontal: +/-31 %
	Throw ratio*1	1.38 : 1 to 2.83 : 1
Light source	Laser diode	
Recommended lamp replacement time*2	-	
Light output	2,000 lm	
Dynamic contrast	∞ : 1	
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 2160/30p, 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 2 (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	X1 for projector	
Object-based HDR remaster	-	
Dynamic HDR Enhancer	Yes	
Object-based Super Resolution	-	
Super Resolution	Yes	
Dual database processing	-	
Digital Contrast Optimizer	-	
Digital Focus Optimizer	Yes	
Dynamic contrast control	Dual contrast control (Laser and Iris)	
Motionflow	Yes	
HDR Format	HDR10/HLG	
3D	Yes	
Picture position memory	5	
Input lag reduction	Yes (4K/2K)	
Acoustic noise*3	24 dB	
Power requirements	AC 100-240 V, 50/60 Hz	
Power consumption	430 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 560 x H 223 x D 496 mm (W 22 1/16 x H 8 25/32 x D 19 17/32 in)	
Mass	Approx. 20 kg / 44 lb	
Supplied accessories	RM-PJ24 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	-	

Dimensions

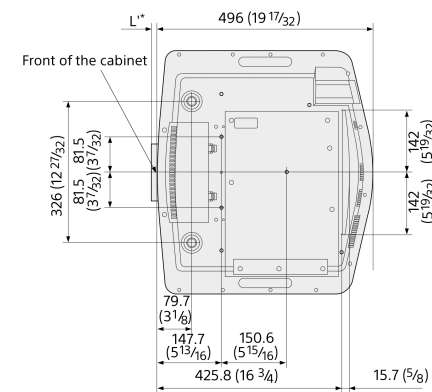
CONNECTOR PANELS



Front



Bottom

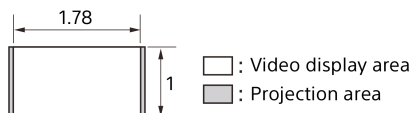


Optional Accessories

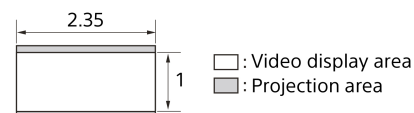


X105-RF-X1
XpanD 3D Glasses

Projection distance



1.78:1 (16:9)		
Projection image size		Projection distance L
Diagonal	Width × Height	
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		
Projection image size		Projection distance L
Diagonal	Width × Height	
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)