SONY

VPLVW715ES

VPL-VW715ES 4K HDR Home Theater Projector



Experience crystal-clear 4K HDR with brightness that lights up the room [1]. Sony's X1 processor for projector with Dynamic HDR Enhancer delivers a contrast ratio of 350,000:1. Every scene springs to life with finer detail, realism, and deep blacks. Picture Position Memories let you quickly watch movies in the ideal screen format with ease.

Bullets

- X1™ processor for projector brings you the best of Sony's image processing
- Advanced SXRD panel for outstanding contrast
- Dynamic HDR Enhancer brings a wider contrast range scene by scene for striking and realistic picture quality
- Digital Focus Optimizer for more accurate focus
- 350,000:1 dynamic contrast with Advanced Iris makes every scene spring to life
- Motionflow™ provides smooth motion for both 4K & HD resolutions[1]
- High brightness of 1,800 Lumens
- Advanced Reality Creation for upscaling and sharpening images without sharpening picture noise [2]
- Enjoy the latest 4K content1 services with HDCP 2.2 compatibility on both 18Gbps HDMI inputs [4]
- Input lag reduction ensures faster response time for gamers

Features

Sony X1™ processor for projector

X1™ processor for projector is an innovative technology that uses advanced algorithms to cut noise and boost detail with high-precision frame analysis

Advanced SXRD panel

4K native SXRD panels produce outstanding native device contrast, reproducing deep blacks by improving the flatness level of the pixel surface

Dynamic HDR Enhancer

Dynamic HDR Enhancer powered by X1 for projector enhances contrast scene by scene in combination with iris-controlled light output control to deliver stunning 4K HDR images.

Digital Focus Optimizer for more accurate focus

With the Digital Focus Optimizer, image quality is actively refined and corrected during the viewing experience, ensuring your content always looks tack-sharp.

High brightness and contrast (1800 lumens)

1,800 lumens of brightness create spectacular contrast and makes 4K HDR images even clearer and brighter than before, improving highlights, colors, and blacks – even in well-lit rooms.

HDR Reference Mode option

HDR Reference Mode allows the brightest displayed pixels to create a richer gradation in bright parts of the scene and retain HDR levels that more accurately display the creator's intent.

Motionflow™ provides smooth motion for 4K & HD

On-screen action looks smother with Motionflow™, even in 4K content. Action in movies, sports, and video games appears incredibly clear and lifelike, as if you were there in real life.

350,000:1 dynamic contrast with Advanced Iris

A dynamic contrast ratio of 350,000:1 with Advanced Iris makes every scene spring to life with finer detail, realism, and deep blacks.

Reality Creation upscales your favorites

Upscale your physical Blu-ray/DVD disc or streaming content to near 4K quality. [2] The super-resolution Reality Creation 4K upscaler analyzes every pixel in any direction, then employs a digital signal processing algorithm to map pixels against an ever-evolving picture patterning database, compiled from over 10 years of expertise, to enhance colors, contrast, and textures without enhancing image artifacts.[2]

Picture position Memory stores your settings

Lens focus, zoom, and shift settings for up to five screen formats can be stored for easy recall. Picture Position Memories remember these settings so you can quickly watch movies in the ideal format. Match aspect ratios, including 16:9 and Cinemascope, and store these settings in the projector.

Colors come alive with TRILUMINOS™ Display

Discover true-to-life colors and tones. The VPL-VW715ES incorporates TRILUMINOS™ Display color, reproducing more tones and textures than a standard projector system. Hard-to-reproduce crimson reds, aqua blues, and emerald greens are displayed beautifully, so landscapes and seascapes look more vivid. Faces look better, too, with skin tones more faithfully reproduced.

Enjoy all types of content in 4K HDR

Bring ultra high-definition to everything. The VPL-VW715ES can project content at up to 60 frames per second (fps) in 4K for even smoother images with superior color and realism. Both 18 Gbps HDMI inputs support HDCP 2.2 so you can enjoy more of the latest 4K content services and full resolution gaming. [4]

Input lag reduction for gamers

Reduced input lag creates a better response time between control input and on-screen action, making video games perform better than ever before. Immerse yourself in your favorite games and beat your opponent to the punch.

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Watch for longer with a 280 W high-pressure lamp.

Enjoy up to 6,000 hours of watch time (in low mode) from a long-lasting mercury lamp [5]. This means fewer lamp swaps, simpler maintenance, and lower running costs.

Flexible home installation with wide zoom and shift lens

The powered zoom lens with a 2.1x zoom ratio and wide lens shift range gives greater installation flexibility in any room size, even with a high ceiling.

Looks great in any room

With the option to choose either a black or white chassis, the VW715ES compliments any décor style

Specification

Display system	
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 Display size : 16:9	1.38 : 1 to 2.83 : 1
Light source	
Light source	High-pressure mercury lamp, 280 W type
Recommended lamp replacement time*2	
Recommended lamp replacement time*2 *2 The figures are expected maintenance time and not guaranteed. They will depend on the environment or how the projector is used.	6000 H (Lamp mode: Low)

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Light output	
Light output	1800 lm (Lamp mode: High)
Dynamic contrast	
Dynamic contrast	350,000: 1
Accepted digital signals	
Accepted digital signals	720x576/50p, 720x480/60p, 1280x720/50p, 1280x720/60p, 1920x1080/50i, 1920x1080/60i, 1920x1080/24p, 1920x1080/50p, 1920x1080/60p, 3840 x 2160/24p, 3840 x 2160/25p, 3840 x 2160/30p, 3840x2160/50p, 3840x2160/60p, 4096 x 2160/24p, 4096 x 2160/25p, 4096 x 2160/30p, 4096x2160/50p, 4096x2160/60p
Input Output (Computer / Video / Control)	
HDMI	x 2 (HDCP2.2)
Trigger	x 2 (Mini jack, DC 12 V, Max. 100 mA)
RS-232C	x1 (D-sub 9-pin (male))
LAN	x1 (RJ-45, 10BASE-T/100BASE-TX)
IR IN / OUT	IN: x 1 (Mini jack)
USB	x 1 (Type A, DC 5 V, Max. 500 mA)
Picture processor	
Picture processor	X1 for projector
Dynamic HDR Enhancer	
Dynamic HDR Enhancer	Yes
Super Resolution	
Super Resolution	Yes
Digital Focus Optimizer	
Digital Focus Optimizer	Yes
Dynamic contrast control	
Dynamic contrast control	Advanced Iris
Motionflow	

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Motionflow	Yes
HDR Format	
HDR Format	HDR10/HLG
3D	
3D	Yes
Picture position memory	
Picture position memory	5
Input lag reduction	
Input lag reduction	Yes (4K/2K)
Acoustic noise*3	
Acoustic noise*3 *3 Depends on the projector setting condition and usage environment	26 dB
Power requirements	
Power requirements	AC 100-240 V, 50/60 Hz
Power consumption	
Power consumption	460 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)	
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	
Mass	Approx. 14 kg / 31 lb.
Supplied accessories	
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	

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Optional accessories	LMP-H280 (Lamp)

1. 4096 x 2160 resolution
2. Upscaled, simulated and enhanced 4K images will vary based on source content.
3. Requires HDMI® cable sold separately.
4. Requires HDR compatible content from supported streaming services, such as Amazon Video.
5. Depending on usage environment.

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