

SONY

VPL-VW885ES

4K HDR Laser Home Theater Projector

Revel in stunning 4K HDR laser clarity in any home theater. ¹ With 2,000 lumens, you'll experience rich cinematic colors, smooth motion, and dazzling brightness. A highly efficient laser light source gives you years of illumination and infinite dynamic contrast. Its compact size gives greater installation flexibility in any room size.



Bullets

- Highly efficient laser light source in new compact chassis
- Full 4K resolution with 4096 x 2160 pixels
- High brightness of 2000 Lumens
- Dual contrast control engine with Dynamic Laser control & physical Advanced Iris.
- Enjoy High Dynamic Range (HDR) content in various formats³
- Real-time laser light control for infinite dynamic contrast
- Advanced SXR panels for outstanding contrast
- Laser light source operates for over 20,000 hours
- Advanced Reality Creation for upscaling and sharpening images without sharpening picture noise²
- Digital Focus Optimizer for more accurate focus
- View clear sharp images with Motionflow™ XR technology, even in 4K
- Compact size for installation flexibility.

Features

Laser light source in new, compact chassis

This compact size home projector combines an advanced laser light source with Sony 4K SXR panel technology.

Native 4K resolution for lifelike pictures.

With more than four times the resolution of Full HD¹, native 4K offers 8.8 million pixels (4096 x 2160) for a picture that's so incredibly lifelike, it's like looking at the real thing.

2,000 lumens for spectacular brightness

With an impressive 2,000 lumens brightness and a spectacularly high contrast range, 4K images are clear and bright with sparkling highlights and rich, deep blacks.

Dual contrast control engine

Dynamic Laser control & Advanced Iris work together to deliver superb image quality, with deeper blacks while maintaining bright highlights.

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..

Real-time laser light control for high dynamic contrast

With its laser light source the light output power is automatically adjusted depending on the brightness of a scene in content for high dynamic contrast.

HDR Compatible

Take full advantage of the latest content produced with HDR (High Dynamic Range) for extremely wide contrast range with an even higher range of brightness levels and volume of colors.³

Advanced SXR panels for outstanding contrast

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

Long lasting 20,000 hour light source

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The ultra-pure, highly efficient laser light source provides gives you years of illumination with a 20,000 hour replacement cycle.

Reality Creation upscales your favorites. ²

Upscale your existing Blu-ray Disc™ and DVD movies to near 4K quality. ²The 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.

Action stays smooth and sharp with Motionflow™

Whatever you're watching, you'll enjoy a silk-smooth and razor-sharp on-screen look in fast-moving action sequences with Motionflow™ - even with 4K content. This innovative technology creates and inserts extra frames between the original frames by first comparing key visual factors on successive frames, then calculating the split second of missing action in the sequences. True Cinema 24p mode mimics true movie projection for cinema purists.

Two 18 Gbps HDMI/HDCP 2.2 Compatible Inputs

HDMI 18Gbps compatible so you can enjoy gaming and other high frame rate content in 4K HDR.

Colors come alive with TRILUMINOS™ Display

Discover true-to-life colors and tones. The VPL-VW885ES 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.

Picture position Memory stores your settings

Lens focus, zoom, and shift, as well as aspect ratio and blanking 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.

Compact size for installation flexibility

With its compact size, this projector can make a large 4K image in any room.

Enjoy all types of content in 4K HDR.

4K HDR 60p 10bit (for HDR10/HLG) compatible so you can enjoy gaming and other high frame rate content in 4K HDR³

Select from 9 Picture Calibration Modes

Quickly calibrate the picture to what you're watching or playing. Select from nine picture calibration modes, including two cinema film modes, cinema digital, reference, TV, photo, game, bright cinema, and bright TV. An advanced HSV manual color tuning tool gives you even more control.

Specifications

Light output	
2D [lm]	2000 lm
Display device	
Display device	SXRD 0.74" x3
Effective picture elements	26,542,080 pixels
Resolution	4096x2160
Drive [Hz]	120
System	Digital
Projection lens	
Projection lens	Powered, Lens memory: 5 with Aspect
Zoom	Zoom ratio: x 2,1
Throw ratio	Wide:1,38
	Tele: 2,83
Lens shift	V: Powered
	Max. range: +85%/-80%
Projection image size	H: Powered Max.
	range: 31%

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Projection image size	60"-300	
Light source		
Power	286W	
Type	Laser diode	
Life	20.000 h	
Acoustic noise		
High [dB]	34 dB	
Low [dB]	26 dB	
Operating conditions		
Operating temp.	41°F to 95°F (5°C to 35°C)	
Storage Temp.	-4°F to +140°F (-20°C to +60°C)	
Operating Humidity	35 to 85%	
Storage Humidity	10 to 90%	
Ventilation	Intake: Front / Exhaust: Back	
Installation	Ceiling mount/Front/Rear	
Power		
Power consumption	AC100-240V 50/60 Hz	
Power consumption (In Operation)	High 120V: 450W	
	High 220V-240V: 450W	
Power Consumption (in Standby)	Standby: 0.3 W	
	Network Standby: 1,0 W	
Power Requirements	AC100-240V 50/60 Hz	
Display Performance		
Display resolution	Video	Up to 4096/60p
Bit depth (IN)@1920*1080	YUV422	12
	RGB444	12
Frame Rate@ 23.98/24/50/59.54/60	Deep Color	Yes
	RGB444	12
Bit depth (IN)@4096*2160 Frame	YUV422	12
	Deep Color	Yes
Rate@ 23.98/24	YUV420	12
	RGB444	8
Bit depth (IN)@4096*2160 Frame	YUV422	12
	EOTF Signal Compatibility	HDR10/HLG
Rate@ 50/59.54/60	EOTF Signal Display	HDR10/HLG
	Auto Detect Function	Yes (Both EOTF&BT.2020)
Terminals		
HDMI	2	
Ver.	2.0b	
HDCP	all inputs: 2.2	
	RS-232C	1
Network & Control	IR IN	1
	Trigger	2
Others	LAN	1
	USB	1 (for Update)
Network		
IP control	Yes	
	PJ Talk2	Yes
	Advertisement (SADP)	Yes
	Crestron Connected	Yes
	AMX DDDP	Yes
	C4 SDDP	Yes
ADCP	Yes	
Other Functions		
3D	Active	
Picture Mode	9	
Reality Creation	Yes	
Color Temp.	D93/D75/D65/D55/Custom1-5	
Smooth Gradation	H/M/L/Off (2K/4K)	
Motion Flow	Yes(2K/4K)	

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Contrast Enhancer	H/M/L/Off
Gamma Correction	1-10 / Off
Color Correction	On/Off
Clear White	H/M/L/Off
X.V. Color	Yes
Color Space	BT.709/BT.2020/CS1-3/Custom
Triluminos Display	Yes
Aspect	6
Blanking	Yes
Anamorphic	Yes
3D Brightness	Bright/Standard
Simulated 3D	Yes
HDMI Dynamic Range	Yes
HDMI Signal Format	Standard/Enhanced
Panel Alignment	Shift/Zone: 1/10 dot
Lens Center Design	Yes
Other Product Relationships	
Supplied Accessories	Remote Control (RM-PJ30) Size AA (R6) manganese batteries (2) AC Power cord (Local (ex.US/JP)) Operating Instruction (CD-R) Quick Reference Manual Safety Regulation Warranty Card
Optional accessories	TDG-BT500A
Weight and Measurements /Main Unit	
Dimensions (WxHxDcm)(Approx.) incl.projecting parts	22 1/25 x 8 7/10 x 19 12/25 inches (560 x 223 x 495 mm) (W x H x D) (without protrusions)
Weight (kg)(Approx.)	44 lb (20 kg)

1. 4096 x 2160 resolution

2. Upscaled, simulated and enhanced 4K images will vary based on source content.

3. Requires HDR compatible content from supported streaming services, such as Amazon Video. Broadband speed of at least 2.5 Mbps recommended for SD services, 10 Mbps for HD streaming or 4K downloads, 20 Mbps for 4K Ultra HD streaming. Wireless connectivity requires 802.11 home network (802.11n recommended). Network services, content, and the operating system and software of this Product may be subject to individual terms and conditions and changed, interrupted or discontinued at any time and may require fees, registration and credit card information.

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