SONY

VPL-VW885ES

4K HDR 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.

- Highly efficient laser light source in new compact size
- Full 4K resolution with 4096 x 2160 pixels
- High brightness of 2000 Lumens
- Real-time laser light control for infinite dynamic contrast
- Enjoy High Dynamic Range (HDR) content in various formats[3]
- Advanced SXRD panel for outstanding contrast
- Laser light source operates for over 20,000 hours
- Advanced Reality Creation for upscaling and sharpening images without sharpening picture noise[2]
- 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 SXRD 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.

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 SXRD panel for outstanding contrast

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

Long lasting 20,000 hour lamp

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

Reality Creation upscales your favorites.[2]

Upscale your existing Blu-ray Disc™ and DVD movies 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.

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 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 HDR[3]

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.

Specification

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% H: Powered Max. range: 31%	

Projection image size		
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 Frame Rate@ 23.98/24/50/59.54/60	YUV422	12
	RGB444	12
	Deep Color	Yes
Bit depth (IN)@4096*2160 Frame Rate@ 23.98/24	RGB444	12
	YUV422	12
	Deep Color	Yes
Bit depth (IN)@4096*2160 Frame Rate@ 50/59.54/60	YUV420	12
	RGB444	8
	YUV422	12
HDR	EOTF Signal Compatibility	HDR10/HLG
	EOTF Signal Display	HDR10/HLG
	Auto Detect Function	Yes (Both EOTF&BT.2020)

Terminals		
HDMI	2	
Ver.	2.0b	
HDCP	all inputs: 2.2	
Network & Control	RS-232C	1
	IR IN	1
	Trigger	2

	LAN	1
Others	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)
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 × 223 × 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.

4. Sony, SXRD, and Motionflow are trademarks of Sony Corporation. HDMI is a trademark of HDMI Licensing LLC. All other trademarks are trademarks of their respective owners.