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VPL-VW695ES

4K HDR Home Theater Projector

Experience crystal-clear 4K HDR with brightness that lights up the room[1]. With a dynamic contrast ratio of 350,000:1 and Advanced Iris, 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

- Full 4K resolution with 4096 x 2160 pixels
- Three SXRD™ imagers for full color brightness
- High Dynamic Range brings a wider contrast range for improved realism
- Motionflow™ provides smooth motion for 4K & HD
- 350,000:1 dynamic contrast with Advanced Iris makes every scene spring to life.
- High brightness of 1,800 Lumens

- Picture Position Memories store your settings
- Advanced Reality Creation for upscaling and sharpening images without sharpening picture noise. [2]
- Enjoy the latest 4K content services with HDCP 2.2 compatibility on both 18Gbps HDMI inputs [4]
- Input lag reduction ensures faster response time for gamers

Features

Native 4K resolution for lifelike pictures.

With more than four times the resolution of Full HD, [1] 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.

SXRD™ Imagers times 3

Separate imagers for Red, Green and Blue channels give you all 8.8 million pixels in full, rich color at every instant

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. [5]

HDR Reference Mode option

HDR Reference Mode allows clipping for the brightest displayed pixels to create a richer gradation in bright parts of the scene and retain HDR that's true to 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.

High brightness and contrast (1800 lumens)

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

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

Reality Creation upscales your favoritesUpscale 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. [2]

Picture position Memory stores your settings

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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-VW695ES 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-VW695ES 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.

Anamorphic lens compatibility for 4K signals (V-stretch for 4K)

Wide lens compatibility means that you can use your legacy anamorphic lenses with ease, even with 4K content. Watch your content in your favorite formats.

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

Enjoy up to 6000 hours of watch time (in low mode) from a long-lasting mercury lamp. 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.

Built-in 3D transmitter synchronizes entertainment

A built-in 3D transmitter synchronizes the optional glasses with the projector, so you can start watching 3D movies quicker.[3] Upscale 2D films to 3D and enjoy classic movies in a whole new dimension or watch anamorphic images and 3D films simultaneously without changing the lens. High-emission power gives you a strong signal anywhere in the room.

Front-facing fan

With the fan exhaust positioned at the front of the projector, you don't need to worry about wall clearance and room for air intake/exhaust when installing. This helps maximize throw distance, for the biggest possible projected images.

Specifications

3D Features		
3D Features	3D capability	Active
	Simulated 3D	Yes
Display		
Display	Display Technology	Display Device: SXRD 0.74" x3
	Screen Size	Projection image size: 60"-300
	Display Resolution	4096 x 2160 Display Performance (Display resolution): Up to 4096/60p
Display Features	Light source	Power: 280W Type: UHP Life: 6,000 h
	TRILUMINOS Display	Yes
General Features		
General Features	Blanking	Yes

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Inputs and Outputs		
Inputs and Outputs	HDCP	all inputs: 2.2
	HDMI™ Connection(s) (Total)	HDMI: 2 HDMI Dynamic Range: Yes HDMI Signal Format: Standard/Enhanced
	IR Input(s)	1
	RS-232C Input(s)	1 (male)
	USB	1 (for Update)
	LAN terminal	1

Operating Conditions		
Operating Conditions	Operating Humidity	%35 to 85%
	Operating Temperature	41°F to 95°F (5°C to 35°C)
	Storage Humidity	%10 to 90%
	Storage Temperature	-4°F to +140°F (-20°C to +60°C)

Optical		
Optical	Projection Lens	Powered Zoom: Powered, Zoom Ratio: x2,1 Lens shift: V: Powered Max.range @17:9: +85%/-80% H: Powered Max.range @17:9: 31%
	Throw Ratio	Wide: 1,38 Tele: 2,83

Optional Accessories		
Optional Accessories	Optional Accessories	PSS-H10 TDG-BT500A

Accessories		
Accessories	Supplied Accessories	Remote Control: RM-PJ24 (1) Size AA (R6) manganese batteries (2) AC Power cord (1) Local (ex.US/JP/CN) Operating Instruction (CD-R) (JP /US /FR/ ES/ DE/ IT/ RU/ CT/ CS) Quick Reference Manual (1) (JP /US /FR/ ES/ DE/ IT/ RU/ CT/ CS)

Video		
Video	Brightness	Light output: 1,800 lm (2D (lm))
	Contrast Ratio	350,000: 1

Video Features		

Video Features	Anamorphic	Yes
	Clear White	H/L/Off
	Color Correction	On/Off
	Color Space	BT.709/BT.2020/CS1-3/Custom
	Color Temperature	D93 /D75 /D65 /D55 /Custom1-5
	Contrast Enhancer	H/M/L/Off
	Gamma Correction	1-10 / Off
	Motionflow™ Technology	Yes (2K/4K)
	Picture Modes	9
	Picture Position	5
	x.v.Color™ Technology	Yes
Power		
Power	Power Consumption (in Operation)	High 120V:460 W High 220V-240V: 460 W
	Power Consumption (in Standby)	Standby: 0.4 W Network Standby: 1.0 W
Power Requirements	Power Requirements	AC100-240V 50/60 Hz
Weights and Measurements		
Weights and Measurements	Dimensions (Approx.)	19 1/2 x 8 3/32, 18 1/4 (496 x 205 x 464 mm) (W x H x D) (without protrusions)
	Weight (Approx.)	31 lbs (14 kg)

1. 4096 x 2160 resolution

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

3. 3D glasses (TDG-BT500A) are optional; requires 3D content, a 3D player, and an HDMI cable (at least 10.2 Gbps).

4. Requires HDMI® cable sold sep.

5. Requires HDR compatible content from supported streaming services, such as Amazon Video.

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