VPL-VW675ES
4K Home Theater ES Projector

Advanced SXRD® panel technology delivers incredible 4K HDR images with four times the resolution of Full HD. You’ll experience rich colors, impressive 1800 lumens brightness and huge 350,000:1 dynamic contrast ratio - for vibrant, detail-packed pictures with native 4K resolution that always look clear and sharp, even in day lit living rooms.

Features

**Native 4K resolution** for lifelike pictures
With more than four times the resolution of Full HD, 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. This is the same resolution defined by Digital Cinema Initiatives for cinema distribution, with pixels one quarter the size of those used by traditional Full HD 1080p projectors. See corner-to-corner clarity and watch movies from much closer than you would in Full HD.

**350000:1 dynamic contrast for stunning realism**
A dynamic contrast of 350000:1 makes every scene spring to life with fine detail and realism. The powerful video processor is combined with lens iris control to achieve both deep, inky blacks and vibrant color.

**HDR compatibility: every image comes to life**
Make the most of your projector’s potential with High Dynamic Range. The superior brightness and expanded contrast range of content produced in High Dynamic Range delivers outstanding clarity and accuracy in every image.

**Picture position Memory stores your settings**
Lens, zoom, and shift settings for up to five screen formats can be stored for easy recall. Picture Position Memory remembers key 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.

**1800 lumens for high brightness**
Savor the action with the brightness you need to get high contrast across the screen. A 280W lamp generates the brightness required for vibrant images on screens up to 300” (762cm) diagonally.

**Reality Creation upscales your favorites**
Upscale your existing Blu-ray Disc™ and DVD movies to near 4K quality. 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.

**Support for latest standards**
The VPL-VW675ES can project content at up to 60 frames per second (fps) in 4K (at color signal YCbCr 4:2:0 / 8 bit) for even smoother images with superior color and realism. Support for HDCP 2.2 lets you enjoy the latest 4K content services.

**Motorized zoom lens and wide lens shift**
Installing this projector in your room is easy with a 2.06 motorized zoom with a wide lens shift range. Adjust the position of the projector up to 85% vertically and 31% horizontally to get just the right angle for your movies.

**See deeper blacks with 4K SXRD™ panels**
Advanced SXRD™ (Silicon X-tal Reflective Display) panels with an ultra-fast response rate of 2.5 milliseconds minimize the space between pixels for a smoother, more detailed image. Consisting of a thin LCD layer backed with a highly reflective silicon plate, SXRD splits the white light of the lamp into different colors using mirrors and sends them to a red, green, and blue panel in 4K resolution. Light passes in and out of each panel, allowing more effective light blocking for exceptionally deep blacks.

**Action stays smooth with Motionflow™**
Whatever you’re watching, you’ll enjoy a silk-smooth on-screen look in fast-moving action sequences with Motionflow. This innovative technology creates and inserts extra frames between the original frames, 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.

**Colors come alive with TRILUMINOS®**
Discover true-to-life colors and tones. The VPL-VW675ES incorporates TRILUMINOS® 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.

**Select from nine 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.

**Built-in 3D transmitter synchronizes entertainment**
An industry-standard RF 3D transmitter synchronizes the optional glasses with the projector, so you can start watching 3D movies quicker. Upscale 2D films to 3D and enjoy classic movies in a whole new dimension.

**Watch for longer with a 280W 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.

**3-year limited warranty**
All Sony Elevated Standard (ES) projectors enjoy 3-year limited warranties.

## Specifications

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<th>3D Features</th>
<th>Test Pattern</th>
<th>Display</th>
</tr>
</thead>
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<tr>
<td>2D to 3D Conversion</td>
<td>Yes</td>
<td>Aspect Ratio 17:9</td>
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<td>3D Glasses Brightness Adjustment</td>
<td>2 Modes, Standard and High</td>
<td>Display Resolution 4096 x 2160 (Full 4K)</td>
</tr>
<tr>
<td>Digitally Driven Panel</td>
<td>Yes</td>
<td>Display Technology SXRD™ Technology</td>
</tr>
<tr>
<td>Effect Adjustment(s)</td>
<td>Yes</td>
<td>Native Resolution 4K - 4096 x 2160</td>
</tr>
<tr>
<td>Format(s)</td>
<td>Frame Packing/ Side by Side/ Over-Under/Simulated 3D/ESPN 3D format / 720p / 60 SBS</td>
<td>Screen Size 60”-150” recommended</td>
</tr>
<tr>
<td>Signal</td>
<td>(HDMI inputs only) 1080:24p/60p/50p/60i/50i ; 720:60p/50p</td>
<td>General</td>
</tr>
<tr>
<td>Simulated 3D</td>
<td>Yes</td>
<td>Integration Partner Yes (Control4 SDDP, AMX Device Discovery, Crestron Connected, Savant Partner in Excellence, RTI &amp; URC)</td>
</tr>
<tr>
<td>Transmitter</td>
<td>Built-in RF</td>
<td>Lens 14 element with aspheric front element</td>
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<table>
<thead>
<tr>
<th>Convenience Features</th>
<th>General Features</th>
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<tbody>
<tr>
<td>Image Flip</td>
<td>Acceptable Computer Signals</td>
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<tr>
<td>IR Receiver</td>
<td>Information Menu</td>
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<td>Multiple Language Display</td>
<td>Input A</td>
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<tr>
<td>Power Save Mode</td>
<td>Lens Control</td>
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<tr>
<td>Remote Control</td>
<td>Standby Mode</td>
</tr>
</tbody>
</table>
## Inputs and Outputs

<table>
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<tr>
<th>12V Trigger Output(s)</th>
<th>Mini Jack - Power On: DC 12V, output impedance: 4.7 kilohms Power Off: 0V (Two, selectable power / anamorphic zoom.)</th>
</tr>
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<tbody>
<tr>
<td>HDMI™ Connection(s)</td>
<td>2 (Side) Digital RGB/Y/Cb(Pb)Cr(Pr) IR Input(s): 1 (Side)</td>
</tr>
<tr>
<td>Remote Network</td>
<td>1 (Side) RS-232C: D-sub 9-pin (female)</td>
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<tr>
<td>Connection(s)</td>
<td></td>
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<tr>
<td>RS-232C Input(s)</td>
<td>Yes</td>
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<tr>
<td>RS232 Control</td>
<td>Yes</td>
</tr>
</tbody>
</table>

## Service and Warranty Information

### Limited Warranty Term
- Product Warranty - Limited 3 Years Parts and Labor except the lamp. Lamp Warranty - 90 Days from date of purchase.

## Color Space
- Supports sRGB (Rec 709)

## Deep Color
- Yes

## Film Mode
- Yes

## Lens Shift Function
- Yes +85%/-80%(v), 31%(h)

## Motionflow™ Technology
- Yes (120 Hz with Dark Frame Insertion)

## Pixel Alignment
- Yes, 1/10" Pixel increments, 153 zones

## Title Area Control
- Yes

## Vertical Position
- Yes

## Video Processing
- Optional

## Wide Mode
- Yes

## x.v.Color™ Technology
- Yes

## Weights and Measurements

### Dimensions
- 19 1/2 in x 18 1/4 x 7 31/32 in (49.6 x 46.4 x 20.2 cm)

### Accessories

- Remote Control (RM-PJ28)
- Instruction Manual
- AC Cord
- AA batteries x2
- Lens Cap

## Optional Accessories

- Ultra High Pressure Replacement Lamp (LMP-H230)

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1. 4096 x 2160 resolution
2. Requires devices connected to the same wireless home network. Requires 3D content, 3D glasses, 3D emitter, and HDMI™ cable (at least 10.2 Gbps). Simulated 3D image will vary based on source content.
3. Upscaled, simulated and enhanced 4K images will vary based on source content.

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