SONY

Ultra-Short Throw 4K HDR Home Theater Projector

VPL-VZ1000ES
Don’t limit your view

Ever dream of having large screen display in your room, but then wonder where it would go?

Well, wonder no more.

Now you can have an immersive experience with over 100” of 4K HDR picture quality in any room, with no limits on the design or layout of your home. Going from living space theater and back again has never been easier.

Unlock the walls of your imagination with the VPL-VZ1000ES ultra-short throw 4K HDR home theater projector.
Real-life clarity with Cinematic 4K - over four times the detail of Full HD

With more than four times the resolution of Full HD, 4K offers 8.8 million pixels for a picture that’s so incredibly lifelike, you could believe you’re looking at the real thing. Every detail is perfectly clear, with less jagged edges and visible pixels than with a conventional Full HD projector.

**Advanced SXRD Panels**

The projector’s 4K native SXRD panels produce outstanding native device contrast, reproducing deep blacks thanks to the improved flatness level of the pixel surface.
High brightness and contrast
With 2,500 lumens brightness and a spectacularly high contrast range, 4K images are clear and have deep blacks.

Reality Creation: Enjoy A Variety Of Content In 4K
As well as 4K material, you can watch your current Full HD Blu-ray™ or DVD movie collection upscaled for a 4K experience. Reality Creation is a super-resolution technology that intelligently enhances Full HD content, even upscaling 3D movies for 4K.

The VPL-VZ1000ES incorporates improved Reality Creation which works perfectly with 4K content to get the best possible images.

Picture patterning based on 10 years of accumulated expertise

Simulated images
**HDR Compatible**

This system complies with HDR (High Dynamic Range) both for 4K 24p and 4K 60p, enabling you to view the entire range of each image accurately and clearly. With the VPL-VZ1000ES, you can adjust average screen brightness, depending on your environment and preferences, while maintaining accurate HDR reproduction.

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**TRILUMINOS Display**

The projector’s optical engine and SXRD panels incorporate our TRILUMINOS Display technology to produce a much broader color range, reproducing more tones and textures than a standard projector system. The result is greater purity, depth and realism.

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**4K Motionflow**

We offer our Motionflow up to 4K, adding frames to reduce blur and maintain brightness in thrilling, fast-moving scenes. Cinema purists can choose True Cinema mode to retain the original 24 fps cadence.
Installation Advantages

Ultra-short throw distance for flexible installation
The VPL-VZ1000ES has been designed with flexible installation in mind. Place the projector next to a wall and you’ll enjoy a beautiful 80” (diagonal) display; place the projector 10.2 inches (26 cm) away from the wall and this screen size increases to a huge 120”. So whether it’s placed on the floor, mounted on the ceiling or used for rear projection, you can be sure that you’ll always see the big picture.

Blend in design
Thanks to Ultra Short Throw (UST) projection and its sleek design, with side covers to conceal cabling, the display equipment fits perfectly into any room interior.

Fits any room
Neat and compact, this is a projector that’s ready for rooms of any size. Bring immersive 4K entertainment to places where projection may not previously have been possible.

Electronic Panel Alignment
Ensures the red and blue elements in each pixel are precisely positioned against green. Adjustments can be made by as little as 0.1 pixels for optimum clarity.
**User-friendly Functions**

**Quick turn On/Off**
The laser projector can be turned on and off quickly.

![Comparison graph showing quick turn on and off between conventional lamp model and VPL-VZ1000ES]

**Virtually no maintenance**
The reliable, energy-efficient laser light source reduces lifetime running costs compared with traditional lamp-based projectors. Replacement cycles reduce maintenance overheads even further.

**Low fan noise noise at 24dB***
Whisper-quiet fan noise minimizes disturbance for your audience.

* Depends on the viewing environment or how the projector is used. 24dB is based on the typical environment.

**HDCP 2.2 Compatibility**
All HDMI inputs are compatible with HDCP 2.2 - the latest content protection standard - ensuring readiness for future premium 4K content.

**USB Updates**
To get the best from your projector, there’s a USB port for the latest firmware updates.

**Low Latency Mode**
A feature for gamers. Experience our fastest ever response time between your controller and the screen for ultimate gaming action.

**Easy Connectivity for Home Automation**
Complies with many home automation systems via an RJ45(IP), RS-232C, TRIGGER and IR IN interfaces.

**Built-in Auto Calibration**
Set-up is quick and easy: auto calibration ensures superb pictures without effort.

*This function adjusts only the White Balance

**Professional Calibration**
A correction tool allows you to adjust the hue, saturation, and brightness of each color and the color space for red, green and blue respectively, to get exactly the picture you want.

**Industry-standard RF 3D Compatible**
A built-in RF transmitter synchronizes with any RF 3D glasses for wider coverage and greater stability, and there's no need for an external transmitter.
### Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Display System</strong></td>
<td>4K SXRD panel, projection system</td>
</tr>
<tr>
<td><strong>Display device</strong></td>
<td>0.74&quot; x 3 SXRD</td>
</tr>
<tr>
<td><strong>Number of pixels</strong></td>
<td>26,542,080 (4096 x 2160 x 3) pixels</td>
</tr>
<tr>
<td><strong>Projection lens</strong></td>
<td>Focus: Powered; Zoom: Powered (Approx. x1.02); Lens shift: Powered</td>
</tr>
<tr>
<td><strong>Light source</strong></td>
<td>Laser diode</td>
</tr>
<tr>
<td><strong>Screen size</strong></td>
<td>80&quot; to 120&quot; (2030 mm to 3050 mm)*</td>
</tr>
<tr>
<td><strong>Light output</strong></td>
<td>2500 lm*</td>
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<tr>
<td><strong>Color light output</strong></td>
<td>2500 lm*</td>
</tr>
<tr>
<td><strong>Contrast ratio</strong></td>
<td>∞:1* Dynamic Contrast</td>
</tr>
<tr>
<td><strong>Accepted digital signals</strong></td>
<td>VGA, SVGA, XGA, WXGA(1280x768), Quad-VGA, SXGA, 720x480/60p, 720x768/50p, 1280x720/50p, 1280x720/60p, 1920x1080/50, 1920x1080/60, 1920x1080/24p, 1920x1080/50p, 1920x1080/60p, 3840x2160/24p, 3840x2160/25p, 3840x2160/30p, 3840x2160/50p, 3840x2160/60p, 4096x2160/24, 4096x2160/25p, 4096x2160/30p, 4096x2160/50p, 4096x2160/60p</td>
</tr>
<tr>
<td><strong>Color bit depth</strong></td>
<td>Up to 12 bit via HDMI</td>
</tr>
<tr>
<td><strong>INPUT/OUTPUT</strong></td>
<td>HDMI*2, HDMI (x4)</td>
</tr>
<tr>
<td><strong>Trigger</strong></td>
<td>Mini Jack, DC 12 V Max. 100 mA</td>
</tr>
<tr>
<td><strong>Remote</strong></td>
<td>RS-232C, D-sub 9-pin</td>
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<tr>
<td><strong>LAN</strong></td>
<td>RJ-45, 10BASE-T/100BASE-TX</td>
</tr>
<tr>
<td><strong>IR IN</strong></td>
<td>Mini Jack</td>
</tr>
<tr>
<td><strong>USB</strong></td>
<td>Type A, DC 5V, Max. 500 mA</td>
</tr>
<tr>
<td><strong>OSD language</strong></td>
<td>18-languages (English, Dutch, French, Italian, German, Spanish, Portuguese, Turkish, Polish, Russian, Swedish, Norwegian, Japanese, Simplified Chinese, Traditional Chinese, Korean, Thai, Arabic)</td>
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<tr>
<td><strong>Acoustic noise</strong></td>
<td>24 dB*</td>
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<tr>
<td><strong>Operating temperature / Operating humidity</strong></td>
<td>41°F to 95°F (5°C to 35°C) / 20% to 80% (no condensation)</td>
</tr>
<tr>
<td><strong>Storage temperature / Storage humidity</strong></td>
<td>14°F to +140°F (-10°C to +60°C) / 20% to 80% (no condensation)</td>
</tr>
<tr>
<td><strong>Power requirements</strong></td>
<td>AC 100 V to 240 V, 4.4 A to 1.9 A, 50 Hz / 60 Hz</td>
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<tr>
<td><strong>Power consumption</strong></td>
<td>435 W</td>
</tr>
<tr>
<td><strong>Standby</strong></td>
<td>0.5 W (when &quot;Remote Start&quot; is set to &quot;Off&quot;)</td>
</tr>
<tr>
<td><strong>Networked Standby</strong></td>
<td>0.6 W (LAN) (when &quot;Remote Start&quot; is set to &quot;On&quot;)</td>
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<tr>
<td><strong>When a LAN connector is not connected, the power consumption changes to low power consumption mode (0.5W).</strong></td>
<td></td>
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<tr>
<td><strong>Dimensions (W x H x D) (without protrusions)</strong></td>
<td>36 13/32 x 8 15/32 x 21 11/32 inches (925 mm x 215.1 mm x 493.8 mm) (with side covers)</td>
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<tr>
<td><strong>Weight</strong></td>
<td>Approx. 77 lb (35 kg) (without side and top covers)</td>
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</tbody>
</table>

*1 60p, 24p include 59.94/60Hz, 29.97Hz/30Hz, 23.98Hz/24Hz
*2 All HDMI inputs are compatible with HDCP2.2
*3 For 16:9 display
*4 The values are estimate.
*5 This value is approximate. Depends on the projector setting condition and usage environment
*6 Depends on the viewing environment or how the projector is used. 24dB is based on the typical environment.

### Optional Accessories

**TDG-BT500A**

3D Glasses

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