VPL-S200 Series
Data Projectors

VPL-SW235   VPL-SW225
VPL-SX236    VPL-SX226
Deliver Powerful Presentation with an interactive white board

The wall-mountable short throw projector VPL-S200 Series is suitable for using a projector with a white board. A Short Throw distance of 75cm(XGA)/79cm(WXGA) for an 80” screen is useful for limited space in a classroom. The teacher can be free from the projector’s glare and able to easily teach their students. By using this projector with an interactive white board the initial costs can be reduced.

This projector has a long-lasting lamp of 10,000 hours. The Unique lamp dimming function by Sony reduces the lamp power usage and lamp power consumption. It’s low TCO and usability means the user can enjoy bright images for a much longer time.

VPL-S200 Series is a colourful and bright projector. Thanks to the 3LCD Sony “BrightEra™”, the picture is colourful and the images are bright. And it also has vivid 3,200/2,800 lumen with XGA resolution. These specs are best for a classroom environment. It’s easier for all of the students to see with this big screen size.

In addition, Smart Connection with PC, Tablet and smartphone is also supported. The wireless presentation capability makes it simple to present files from your PC or smartphone/tablet.
FEATURES

Simple Installation
Short Projection Distance
Each Projector is equipped with a short focal length lens, which makes it possible to project images from a shorter distance.

VPL-EX246  VPL-SX236

0.75 m
2.29-3.68 m
80 inch image

The presenter is not distracted by the projected image, and it’s easier for the audience to see the projected image because shadow of the presenter on the screen is minimized.

Good TCO, Energy-efficient Design
Long-lasting Lamp
By incorporating a high-performance lamp and advanced lamp-control technology, these projectors deliver an extremely long lamp replacement time of 10,000 hours*.

* Approximate recommended period, in low mode.

Auto Power Saving Function
• Auto Mode (Auto Brightness Adjustment Function)
The brightness of the lamp’s output is automatically adjusted depending on the brightness of the projected image, to avoid unnecessary power consumption.
When showing darker images that don’t require high brightness, lamp output decreases.

• Lamp Dimming Function
The VPL-S200 Series projectors are equipped with a lamp dimming function. After 10 seconds of a static signal feed, the lamp dims by approximate 15% which is hardly noticeable. If one of these projectors is left powered on while not in use, after a set period of time it will automatically detect no change of signal input and will dim the lamp to as low as approximate 30% of original brightness to significantly reduce energy consumption.

• Blank
The VPL-S200 Series projectors can temporarily disable video signal output. This function can be easily operated with just the touch of a button on the supplied Remote Commander unit. In addition, this function allows blank image projection with low power consumption using lamp control technology.

Recommended lamp replacement time

VPL-SW235  10,000 hours

VPL-SW125  6,000 hours

Conventional model

66% up

66% up

Lamp Drive

Input (image) Lamp power* 100% 85% (-15%) 30% (-70%)

A
B
C

Automatically
Automatically
Slowly
Quickly
(Restart)

0 sec. 10 sec. 5/10/15/20 min. Time

Longest Lamp

Recommended lamp replacement time

High Image Quality

3LCD BrightEra™ Natural and Vivid Color Images

Thanks to the optical system constantly projecting three basic colors, the projector offers excellent light efficiency and this, ensures colorful and bright images. Sony’s BrightEra™ panels deliver improved panel light resistance, higher resolution, high brightness, and increased panel reliability. High color reproducibility is important especially when using colorful content, such as materials typically used in classrooms.

3LCD Projection System

Various Picture Modes for Optimal Picture Quality

The projector has six available picture modes for correct picture quality: Dynamic, Standard, Presentation, Blackboard, Game, etc. With six picture modes and three brightness modes combined, the user can select the most suitable picture / brightness combination according to the picture source and environment, to create the optimal image.

### Dynamic

Optimized for presenting in a bright environment, with bright and colorful text, graphics, and images.

### Standard

The picture is ideal to deliver a presentation under fluorescent lights in offices and class-rooms.

### Presentation

This setting delivers the greatest light output, ideal in a bright environment, both inside and outside.

### Blackboard

Optimized to deliver clear images on a blackboard in the classroom, supporting teaching where there is no projection screen.
Ease of Use

Network Presentation (LAN)
When the projector is installed in a LAN, presentations can be projected from any PC and Mac on the network. A tablet or smart phone can be connected at the same time. You can project jpg, pdf, and other supported formats. Up to four users can project PC / Mac images simultaneously, while up to eight*1 users can connect to one projector.

Wireless Presentation Software
- For Windows® / Mac OS: Projector Station for Network Presentation
- VueMagic™*2

*1 Up to seven users for wireless.

*2 The application for tablets and smartphones is provided by Pixelworks. For details, please visit the following website: http://PWPresenter.pixelworks.com

Connection Method

Remote Control for iPhone/iPad/Android
Projector Remote*1 is a simple remote control application for Sony’s projectors. Networked projectors can be controlled by this remote application, and remote control allows you to operate the projector using simple and easy-to-read buttons.

Input Label
Input label which appear in the input menu on screen can be customized. This gives users a clear understanding of which equipment is connected.

Other Features
Closed Captioning
Official teletext broadcasting, developed by the NCI, USA

USB Display
The projector allows you to display pictures and audio*1 with one USB cable. You do not need to install any driver for this function. This is a convenient and very easy way to connect to the projector.

*1 There is a time lag in video and audio. Beyond basic usage, Line-in or HDMI-in is recommended.
OPTIONAL ACCESSORIES

LMP-E212
Projector Lamp (for replacement)

IFU-WLM3
USB wireless LAN module

CONNECTOR PANELS

VPL-SW235 / VPL-SW225
VPL-SX236 / VPL-SX226

DIMENSIONS

VPL-SW235 / VPL-SW225
VPL-SX236 / VPL-SX226

Unit: mm (inches)
## SPECIFICATIONS

<table>
<thead>
<tr>
<th>VPL-SW235</th>
<th>VPL-SW225</th>
<th>VPL-SX236</th>
<th>VPL-SX226</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Display system</strong></td>
<td>3 LCD system</td>
<td>3 LCD system</td>
<td>3 LCD system</td>
</tr>
<tr>
<td><strong>Display device</strong></td>
<td>Size of effective display area</td>
<td>0.59” (15 mm) x 3 BrightEra</td>
<td>0.63” (16 mm) x 3 BrightEra</td>
</tr>
<tr>
<td></td>
<td>Aspect ratio: 16:10</td>
<td></td>
<td>Aspect ratio: 4:3</td>
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<tr>
<td></td>
<td>Number of pixels</td>
<td>3,072,000 (1280 x 800 x 3) pixels</td>
<td>2,359,296 (1024 x 768 x 3) pixels</td>
</tr>
<tr>
<td><strong>Projection lens</strong></td>
<td>Focus</td>
<td>Manual</td>
<td>Manual</td>
</tr>
<tr>
<td></td>
<td>Throw ratio</td>
<td>0.46:1</td>
<td></td>
</tr>
<tr>
<td><strong>Light source</strong></td>
<td>Ultra high pressure mercury lamp 210 W type</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Recommended lamp replacement time</strong>&lt;sup&gt;1&lt;/sup&gt;</td>
<td>4000 H / 6000 H / 10000 H (Lamp mode: High / Standard / Low)</td>
<td></td>
<td></td>
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<tr>
<td><strong>Filter cleaning cycle</strong>&lt;sup&gt;2&lt;/sup&gt;</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>Screen size</strong></td>
<td>57” to 103” (1.45 m to 2.62 m)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Light output</strong></td>
<td>(Lamp mode: High / Standard / Low)</td>
<td>3000 lm / 2100 lm&lt;sup&gt;<strong>4</strong>&lt;/sup&gt; / 1700 lm&lt;sup&gt;<strong>4</strong>&lt;/sup&gt;</td>
<td>2600 lm / 2100 lm&lt;sup&gt;<strong>4</strong>&lt;/sup&gt; / 1700 lm&lt;sup&gt;<strong>4</strong>&lt;/sup&gt;</td>
</tr>
<tr>
<td><strong>Color light output</strong></td>
<td>(Lamp mode: High / Standard / Low)</td>
<td>3000 lm / 2100 lm&lt;sup&gt;<strong>4</strong>&lt;/sup&gt; / 1700 lm&lt;sup&gt;<strong>4</strong>&lt;/sup&gt;</td>
<td>2600 lm / 2100 lm&lt;sup&gt;<strong>4</strong>&lt;/sup&gt; / 1700 lm&lt;sup&gt;<strong>4</strong>&lt;/sup&gt;</td>
</tr>
<tr>
<td><strong>Contrast ratio (full white / full black)</strong>&lt;sup&gt;3&lt;/sup&gt;</td>
<td>3000:1</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Displayable scanning frequency</strong>&lt;sup&gt;5&lt;/sup&gt;</td>
<td>(Horizontal) 15 kHz to 92 kHz</td>
<td>(Vertical) 57 kHz to 92 kHz</td>
<td>(Horizontal) 15 kHz to 92 kHz</td>
</tr>
<tr>
<td><strong>Display resolution</strong></td>
<td>Computer signal input</td>
<td>Maximum display resolution: UXGA 1600 x 1200 dots&lt;sup&gt;<strong>4</strong>&lt;/sup&gt;</td>
<td>Panel display resolution: 1280 x 800 dots</td>
</tr>
<tr>
<td></td>
<td>Video signal input</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Color system</td>
<td>NTSC, PAL, SECAM, 480i, 576i, 576/50i, 720/50i, 720/60i, 1080/50i, 1080/60i, 1080p&lt;sup&gt;<strong>7</strong>&lt;/sup&gt;, 1080/50p&lt;sup&gt;<strong>7</strong>&lt;/sup&gt;</td>
<td>NTSC, PAL, SECAM, 480i, 576i, 576/50i, 720/50i, 720/60i, 1080/50i, 1080/60i, 1080p&lt;sup&gt;<strong>7</strong>&lt;/sup&gt;, 1080/50p&lt;sup&gt;<strong>7</strong>&lt;/sup&gt;</td>
</tr>
<tr>
<td><strong>Computer and video signal input/output</strong></td>
<td>INPUT A</td>
<td>RGB / Y Pr Pb input connector: Mini D-sub 15-pin (female), Audio input connector: Stereo mini jack</td>
<td></td>
</tr>
<tr>
<td></td>
<td>INPUT B</td>
<td>RGB input connector: Mini D-sub 15-pin (female), Audio input connector: Stereo mini jack</td>
<td></td>
</tr>
<tr>
<td></td>
<td>INPUT C</td>
<td>HDMI input connector: HDMI 19-pin, HDCP support</td>
<td>Audio input connector: HDMI audio support</td>
</tr>
<tr>
<td></td>
<td>S-VIDEO IN</td>
<td>S video input connector: Mini DIN 4-pin, Audio input connector: Pin jack (x2)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>VIDEO IN</td>
<td>Video input connector: Pin jack, Audio input connector: Pin jack (x2)</td>
<td></td>
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<tr>
<td></td>
<td>OUTPUT</td>
<td>Monitor output connector&lt;sup&gt;<strong>5</strong>&lt;/sup&gt;: Mini D-sub 15-pin (female), Audio output connector&lt;sup&gt;<strong>5</strong>&lt;/sup&gt;: Stereo mini jack</td>
<td></td>
</tr>
<tr>
<td><strong>Control signal input/output, Others</strong></td>
<td>Control signal input/output: RS-232C connector: D-sub 9-pin (male), LAN connector: RJ-45, 10base-1/100BASE-TX, USB: Type-A, Type-B</td>
<td>Microphone input: Mini jack</td>
<td></td>
</tr>
<tr>
<td><strong>Power requirements</strong></td>
<td>AC 100 V to 120 V</td>
<td>315 W / 251 W&lt;sup&gt;<strong>4</strong>&lt;/sup&gt; / 219 W&lt;sup&gt;<strong>4</strong>&lt;/sup&gt;</td>
<td>291 W / 251 W&lt;sup&gt;<strong>4</strong>&lt;/sup&gt; / 219 W&lt;sup&gt;<strong>4</strong>&lt;/sup&gt;</td>
</tr>
<tr>
<td></td>
<td>AC 220 V to 240 V</td>
<td>302 W / 242 W&lt;sup&gt;<strong>2</strong>&lt;/sup&gt; / 212 W&lt;sup&gt;<strong>2</strong>&lt;/sup&gt;</td>
<td>281 W / 242 W&lt;sup&gt;<strong>2</strong>&lt;/sup&gt; / 212 W&lt;sup&gt;<strong>2</strong>&lt;/sup&gt;</td>
</tr>
<tr>
<td><strong>Power consumption (Standby Mode)</strong></td>
<td>0.5W (when “Standby mode” is set to “Low”)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Power Consumption (Networked Standby Mode)</strong></td>
<td>AC 100 V to 120 V</td>
<td>0.5W (when “Standby mode” is set to “Low”)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>AC 220 V to 240 V</td>
<td>5.6W (LAN, 5.6W (optional WLAN module))</td>
<td>5.8W (ALL Terminals and Networks Connected, when “Standby Mode” is set to “Standard”)</td>
</tr>
<tr>
<td><strong>Heat dissipation</strong></td>
<td>AC 100 V to 120 V</td>
<td>1073 BTU/h</td>
<td>993 BTU/h</td>
</tr>
<tr>
<td></td>
<td>AC 220 V to 240 V</td>
<td>1031 BTU/h</td>
<td>959 BTU/h</td>
</tr>
<tr>
<td><strong>Outside dimensions</strong></td>
<td>W 365 x H 138.7 x D 310 mm (W 14 3/8 x H 5 15/32 x D 12 7/32 inches) (without protrusions)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Mass</strong></td>
<td>4.4 kg / 9 lb 10 oz</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Replacement lamp</strong></td>
<td>LMP-E212</td>
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</tbody>
</table>

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<sup>1</sup> The figures are the expected maintenance time and not guaranteed. They will depend on the environment or how the projector is used.

<sup>2</sup> The values are estimate.

<sup>3</sup> This value is average.

<sup>4</sup> Available for the VESA Reduced Blankin signal.

<sup>5</sup> Not available in standby. From INPUT A and INPUT B.

<sup>6</sup> Works as an audio switcher function. Output from a selected channel; not available in standby.

<sup>7</sup> The following items are available for digital signal (HDMI input) only.

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### Additional Notes:
- The filter cleaning cycle figures are the expected maintenance time and not guaranteed. They will depend on the environment or how the projector is used.
- The light output values are estimates.
- The contrast ratio is an average value.
- Available for the VESA Reduced Blank signal.
- Not available in standby. From INPUT A and INPUT B.
- Works as an audio switcher function. Output from a selected channel; not available in standby.
- The following items are available for digital signal (HDMI input) only.