VPL-E Series
Data Projectors

VPL-EW130
VPL-EX175
VPL-EX145
VPL-EX120
VPL-EX100
Low Maintenance, Good TCO, and Easy Operation

The VPL-E Series is a line of low maintenance compact projectors suggested for use in education or corporate applications.

Sony's VPL-E Series data projectors are designed to deliver a low total cost of ownership thanks to a long-lasting lamp design and low power consumption. The VPL-EW130 presents clear and dynamic images in native WXGA (1,280 x 800) resolution on a widescreen with a high brightness of 3000 lumens*, while the VPL-EX175, VPL-EX145, VPL-EX120, and VPL-EX100 provide high picture quality in native XGA resolution and a high brightness of 3600 lumens, 3100 lumens, 2600 lumens, and 2300 lumens, respectively. Delivering superb images along with simple operation, Sony's VPL-E Series projectors provide an excellent balance between quality and cost, making them a good choice for use in education or corporate.

* ISO 21118

FEATURES

Cost-efficient, Energy-efficient Design

Long-lasting Lamp
By incorporating a newly developed high-performance lamp and advanced lamp-control technology, VPL-E Series projectors deliver an extremely long recommended lamp replacement time of 6,000 hours in low mode.*

* Expected maintenance time, not guaranteed. Lamp performance will vary based on operating environment and use.

Lamp and Filter Synchronized Maintenance
When it's time to clean the air filter, a reminder message is displayed on screen. Like the lamp, the air filter has a recommended 6,000-hour cleaning cycle. The filter only needs to be cleaned when the lamp is changed, saving maintenance effort and cost.

Power Saving Mode
If no signal is input for 10 minutes, the projector lamp automatically turns off.

Low Power Consumption
The VPL-E Series offers remarkably low power consumption compared to conventional Sony models, allowing users to make significant savings on their electricity expenses.

Simple Projector Replacement
The standard 1.3x zoom lens enables installation flexibility when replacing an existing projector with the VPL-E Series. There’s no need to change ceiling mount positions.

High Picture Quality

High Picture Quality and Bright Images
By combining a new generation of inorganic LCD panels that utilize Sony’s BrightEra® technology with a 3LCD projection system, the VPL-EW130, VPL-EX175, VPL-EX145, and VPL-EX120 offer high picture quality and brightness.

* BrightEra with Long Lasting Optics™ is the Sony brand name for a new generation of optical system, which uses a more advanced version of Sony’s original BrightEra technology. In addition to adopting LCD panels that have pixels with large aperture ratios and inorganic alignment layers, BrightEra with Long Lasting Optics technology also uses an inorganic layer for polarization plates to greatly enhance reliability.

3LCD Projection Offers Brilliant Color Performance
The VPL-E Series adopts a 3LCD projection system incorporating three LCD panels. This system enables each projector to present bright and natural images.
WXGA/XGA Resolution
The VPL-EX175, VPL-EX145, VPL-EX120, and VPL-EX100 offer native XGA resolution for high picture quality. XGA resolution of 1024 x 768 contains 60% more pixels compared to SVGA resolution of 800 x 600. As a result, XGA resolution delivers much greater detail and finer images. Furthermore, the VPL-EW130 can present dynamic images in native WXGA resolution on a widescreen. WXGA resolution allows projection in a wider display range compared to SVGA and XGA resolution. More information can be displayed on the screen.

6 Picture Modes
Six selectable picture modes according to the picture source

Security Pack
Security lock (password and mechanical), security bar, and panel key lock

Direct Power On/Off
Direct power control using the circuit breaker on the switch board

High Altitude Mode
For projector operation at high altitude

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

Network and Control
Controls and monitors projector status
Compatible with various control systems

12-bit 3D Gamma Correction
The VPL-E Series incorporates 12-bit 3D gamma correction circuitry to perform highly accurate gamma correction, achieving smooth gradations and rich gray scale.

I/P Conversion and Film Mode
The video signal processing technology that Sony has incorporated in the VPL-E Series offers I/P conversion and 2-3 pull-down to generate high-quality images with outstanding clarity.

Easy-to-use Functions
Image Freeze
The Image Freeze function can display a freeze frame which allows the presenter to prepare or switch to the next image.

Off and Go
Once a presentation is complete, a VPL-E Series projector can be immediately moved to the next location, simply by turning it off and unplugging the AC power cord – there’s no need to wait for the fan to stop.

Front Exhaust
Users can run an optimum presentation even in a quiet environment, and participants seated to the side of the projector are not bothered by hot air and noise.

Other Features
Auto Keystone Adjustment
Corrects any trapezoidal distortion automatically

Picture (Audio) Muting
Mutes the image/audio

DIMENSIONS
Unit: inches (mm)

OPTIONAL ACCESSORY
LMP-E211
Projector Lamp (for replacement)

CONNECTOR PANELS
### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>VPL-EW130</th>
<th>VPL-EX175</th>
<th>VPL-EX145</th>
<th>VPL-EX120</th>
<th>VPL-EX100</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Display system</strong></td>
<td>3 LCD system</td>
<td></td>
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<tr>
<td><strong>Display device</strong></td>
<td>Size of effective display area</td>
<td>0.59” (15.0 mm) x 3, BrightEra, Aspect ratio: 1.6:10</td>
<td>0.63” (16.0 mm) x 3, BrightEra, Aspect ratio: 4:3</td>
<td>0.63” (16.0 mm) x 3, Aspect ratio: 4:3</td>
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<tr>
<td><strong>Number of pixels</strong></td>
<td>3,072,000 (1280 x 800 x 3) pixels</td>
<td>2,359,296 (1024 x 768 x 3) pixels</td>
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<tr>
<td><strong>Projection lens</strong></td>
<td>Zoom</td>
<td></td>
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<tr>
<td><strong>Focus</strong></td>
<td>Manual (Approx. 1.3 x)</td>
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<tr>
<td><strong>Light source</strong></td>
<td>Ultra High Pressure lamp 210 W type</td>
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<tr>
<td><strong>Recommended lamp replacement time</strong></td>
<td>3000 H / 4500 H / 6000 H (Lamp mode: High / Standard / Low)</td>
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<tr>
<td><strong>Filter cleaning cycle</strong></td>
<td>Max. 4000 H* / Same time as the lamp replacement is recommended</td>
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<tr>
<td><strong>Screen size</strong></td>
<td>25” to 200” (0.635 m to 5.08 m)</td>
<td>30” to 300” (0.762 m to 7.62 m)</td>
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<tr>
<td><strong>Power requirements</strong></td>
<td>AC 100 V to 240 V. 3.0 A to 1.3 A, 50/60 Hz</td>
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<tr>
<td><strong>Weight</strong></td>
<td>6 lb 15 oz / 3.2 kg</td>
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<td><strong>Supplied accessories</strong></td>
<td>RM-PJ7 Remote Commander (1), Lithium Battery, CR2025 (1), Mini D-sub 15-pin cable (1), Lens Cap (1), Operating Instructions (1), Quick Reference Manual (1), AC power cord (1)</td>
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*1: Expected maintenance time, not guaranteed. Lamp and filter performance will vary based on operating environment and use. *2: The value is average. *3: Depends on resolution. *4: From INPUT A/INPUT B (INPUT B is available only for the VPL-EX175/EX145/EX120). *5: Works as an audio switcher function. From current channel only. Not available in standby.