The VPL-EX145 data projector has been designed to deliver a low total cost of ownership and includes energy saving features, thanks to a long-lasting lamp design and low power consumption.

The projector uses the Sony next generation inorganic panels (BrightEra) with their 3LCD projector system to deliver higher picture quality and clear image projection. It also offers native XGA resolution for high quality image performance with a high brightness of 3100 lumens, making it ideal for larger meeting rooms or classrooms.

With a 1.3x zoom lens and 1.4 ~ 1.82 throw ratio, the VPL-EX145 can be installed in a wide range of corporate and teaching environments – it can even re-use existing ceiling suspensions.

Key Features

3LCD BrightEra™ Technology
This innovative inorganic panel technology was designed by Sony to deliver improved panel light resistance, higher brightness, higher resolution and increased panel reliability.

Long Lasting Lamp
By incorporating a newly developed high-performance lamp and advanced lamp-control technology, the projector delivers an extremely long lamp replacement time of 6,000 hours*.

ECO MODE Button
With a single push of the ECO MODE button on either the projector or the supplied Remote Commander™ unit, users can switch to the ECO setting.

Other Features

Lamp and Filter
Synchronised Maintenance
Like the lamp, the air filter has an approximate 6,000-hour cleaning cycle. The filter only needs to be clean when the lamp is changed, saving maintenance effort and cost.

6 Picture Modes
Selectable 6 picture modes according to the picture source.

Auto Keystone Adjustment
Corrects any trapezoidal distortion automatically.

* Approximate recommended period, in low mode.
### Technical Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>VPL-EX145</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display system</td>
<td>3 LCD system</td>
</tr>
<tr>
<td>Display device</td>
<td>Size of effective display area: 0.69 (16.0 mm x 3.0, Brightness: Aspect ratio: 4:3)</td>
</tr>
<tr>
<td>Projection lens</td>
<td>Zoom 2,359,296 (1024 x 768 x 3) pixels</td>
</tr>
<tr>
<td>Light source</td>
<td>Manual (Normal: 1.1 x</td>
</tr>
<tr>
<td>Recommended lamp replacement time</td>
<td>3000 H / 6000 H / 6000 H (lamp mode: High / Standard / Low)</td>
</tr>
<tr>
<td>Filter cleaning cycle</td>
<td>Max. 6000 H / Some time as the lamp replacement is recommended</td>
</tr>
<tr>
<td>Screen size</td>
<td>Viewable area, measured diagonally: 30” to 300” (0.762 m to 7.62 m)*2</td>
</tr>
<tr>
<td>Contrast ratio</td>
<td>4000:1</td>
</tr>
<tr>
<td>Light output</td>
<td>Lamp mode: High / Standard / Low: 11 W / &lt;1.0 W / 2000 lm</td>
</tr>
<tr>
<td>Colour light output</td>
<td>3100 lm / 2500 lm / 2000 lm</td>
</tr>
<tr>
<td>Display resolution</td>
<td>Maximum input signal resolution: 1600 x 1200 (scaling display), Panel display resolution: 1024 x 768 pixels</td>
</tr>
<tr>
<td>Displayable scanning frequency</td>
<td>Vertical: 47 Hz to 93 Hz</td>
</tr>
<tr>
<td>Computer signal input</td>
<td>Vertical: 14 Hz to 93 Hz</td>
</tr>
<tr>
<td>Video signal input</td>
<td>Display resolution: 1024 x 768 pixels</td>
</tr>
<tr>
<td>Colour system</td>
<td>NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60</td>
</tr>
<tr>
<td>Standard outside dimensions</td>
<td>W 313.4 x H 278.3 x D 79.7 (12 11/32 x 11 1/8 x 3 1/8 in)</td>
</tr>
<tr>
<td>Heat dissipation</td>
<td>AC 100 V to 120 V: 320 W / 275 W / 245 W</td>
</tr>
<tr>
<td>AC 220 V to 240 V: 11 W / &lt;1.0 W (Standby mode: Standard / Low)</td>
<td></td>
</tr>
<tr>
<td>Power requirements</td>
<td>AC 100 V to 120 V: 300 W / 275 W / 245 W</td>
</tr>
<tr>
<td>AC 220 V to 240 V: 310 W / 265 W / 235 W</td>
<td></td>
</tr>
<tr>
<td>AC 100 V to 120 V: 9 W / &lt;1.0 W (Standby mode: Standard / Low)</td>
<td></td>
</tr>
<tr>
<td>AC 220 V to 240 V: 11 W / &lt;1.0 W (Standby mode: Standard / Low)</td>
<td></td>
</tr>
<tr>
<td>Mass</td>
<td>3.3 kg / 7 lb 4.4 oz</td>
</tr>
<tr>
<td>Operating temperature (Operating humidity)</td>
<td><strong>(Sonic and Ziris Lite are trademarks of Sony Corporation. All other trademarks are the property of their respective owners.)</strong></td>
</tr>
</tbody>
</table>

### Optional Accessory

**LMP-E211 Projector Lamp (for replacement)**

- 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)

### Dimensions

<table>
<thead>
<tr>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>313.4 (12 1/2 in)</td>
</tr>
<tr>
<td>269 (10 1/2 in)</td>
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</tbody>
</table>

### Connector Panels

- 10BASE-T/100BASE-TX
- Pin jack (x2) (shared with VIDEO IN)
- Stereo mini jack
- Mini-D-sub 15-pin (female), Audio input connector: Pin jack (x2) (shared with VIDEO IN)

### Optional Features

- A 2 year extension of the standard 3 year PrimeSupport to give extra peace of mind.
- Provision of a loan unit for 3 or 5 years cover to ensure minimal impact to the customer's business in case of product failure.
- Cover for a lamp failure throughout the 3 year PrimeSupport term for customers who don't want to have any unexpected running costs.

* PrimeSupport is a Sony Professional initiative providing a range of comprehensive support services designed to enhance the customer's business, and is available in all European countries.

* PrimeSupport Plus is an enhanced level of PrimeSupport offering value-added services to meet the needs of professional users and businesses.

* PrimeSupport Plus can be purchased as a separate service.

* PrimeSupport Plus is available in all European countries except certain countries in Eastern Europe.

* PrimeSupport Plus is available on a case-by-case basis.

* PrimeSupport Plus is available on a period of 1 year.

* PrimeSupport Plus is available on a period of 3 years.

* PrimeSupport Plus is available on a period of 5 years.

* PrimeSupport Plus is available on a period of 7 years.

* PrimeSupport Plus is available on a period of 10 years.

* PrimeSupport Plus is available on a period of 15 years.

* PrimeSupport Plus is available on a period of 20 years.

* PrimeSupport Plus is available on a period of 25 years.

* PrimeSupport Plus is available on a period of 30 years.

* PrimeSupport Plus is available on a period of 35 years.

* PrimeSupport Plus is available on a period of 40 years.

* PrimeSupport Plus is available on a period of 45 years.

* PrimeSupport Plus is available on a period of 50 years.

* PrimeSupport Plus is available on a period of 55 years.

* PrimeSupport Plus is available on a period of 60 years.

* PrimeSupport Plus is available on a period of 65 years.

* PrimeSupport Plus is available on a period of 70 years.

* PrimeSupport Plus is available on a period of 75 years.

* PrimeSupport Plus is available on a period of 80 years.

* PrimeSupport Plus is available on a period of 85 years.

* PrimeSupport Plus is available on a period of 90 years.

* PrimeSupport Plus is available on a period of 95 years.

* PrimeSupport Plus is available on a period of 100 years.

* PrimeSupport Plus is available on a period of 105 years.

* PrimeSupport Plus is available on a period of 110 years.

* PrimeSupport Plus is available on a period of 115 years.

* PrimeSupport Plus is available on a period of 120 years.

* PrimeSupport Plus is available on a period of 125 years.

* PrimeSupport Plus is available on a period of 130 years.

* PrimeSupport Plus is available on a period of 135 years.

* PrimeSupport Plus is available on a period of 140 years.

* PrimeSupport Plus is available on a period of 145 years.

* PrimeSupport Plus is available on a period of 150 years.

* PrimeSupport Plus is available on a period of 155 years.

* PrimeSupport Plus is available on a period of 160 years.

* PrimeSupport Plus is available on a period of 165 years.

* PrimeSupport Plus is available on a period of 170 years.

* PrimeSupport Plus is available on a period of 175 years.

* PrimeSupport Plus is available on a period of 180 years.

* PrimeSupport Plus is available on a period of 185 years.

* PrimeSupport Plus is available on a period of 190 years.

* PrimeSupport Plus is available on a period of 195 years.

* PrimeSupport Plus is available on a period of 200 years.

* PrimeSupport Plus is available on a period of 205 years.

* PrimeSupport Plus is available on a period of 210 years.

* PrimeSupport Plus is available on a period of 215 years.

* PrimeSupport Plus is available on a period of 220 years.

* PrimeSupport Plus is available on a period of 225 years.

* PrimeSupport Plus is available on a period of 230 years.

* PrimeSupport Plus is available on a period of 235 years.

* PrimeSupport Plus is available on a period of 240 years.

* PrimeSupport Plus is available on a period of 245 years.

* PrimeSupport Plus is available on a period of 250 years.

* PrimeSupport Plus is available on a period of 255 years.

* PrimeSupport Plus is available on a period of 260 years.

* PrimeSupport Plus is available on a period of 265 years.

* PrimeSupport Plus is available on a period of 270 years.

* PrimeSupport Plus is available on a period of 275 years.

* PrimeSupport Plus is available on a period of 280 years.

* PrimeSupport Plus is available on a period of 285 years.

* PrimeSupport Plus is available on a period of 290 years.

* PrimeSupport Plus is available on a period of 295 years.

* PrimeSupport Plus is available on a period of 300 years.