

VPL-E Series Data Projectors

VPL-EX175 Data Projector



The VPL-EX175 data projector has been designed to deliver a low total cost of ownership and includes energy saving features, thanks for 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 the exceptional picture quality and clear image projection. It also offers native XGA resolution for the highest quality image performance with a high brightness of 3600 lumens, making this projector the best in class for corporate and educational facilities.

With a 1.3x zoom lens and 1.4 ~ 1.82 throw ratio, the VPL-EX175 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.



3 Colour Light Output Modes 3600/2700/2200 Lumens

Colour Light Output is a metric that measures a projector's ability to deliver colour.



Off and Go

The projector is ready to be unplugged as soon as it is switched off. There is no need to wait for the fan to turn off.



Direct Power On/Off

Direct power control using a circuit breaker on the switch board.



Picture (Audio) Muting

Mutes the image/audio.



Power Saving Mode

If no signal is input for 10 minutes, the projector lamp will automatically turn off.



Image Freeze Function

The Image Freeze function can display a freeze frame to allow the presenter to prepare or switch to the next image.

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 six picture modes according to the picture source.

Auto Keystone Adjustment

Corrects any trapezoidal distortion automatically.

* Approximate recommended period, in low mode.

PrimeSupport

All Sony Professional's business projectors sold into the EU, Norway and Switzerland come supplied with a 3 year PrimeSupport pack. This offers unique services and benefits over and above standard warranty:-

3 Years Cover

Freephone telephone helpdesk support (00800 7898 7898) in 5 languages.
Collection, repair and return anywhere in EU,

Norway and Switzerland. In addition, optional PrimeSupport Plus packs can be purchased which can further enhance the 3 year support to give extra peace of mind:-

- A 2 year extension of the standard 3 year PrimeSupport to give long-term assurance of expert support, technical assistance and repairs for 5 years from purchase date.

- 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.



Technical Specifications

| Specifications | VPL-EX175 | |
|---|---|---|
| Display system | 3 LCD system | |
| Display device | Size of effective display area | 0.63" (16.0 mm) x 3, BrightEra, Aspect ratio: 4:3 |
| | Number of pixels | 2,359,296 (1024 x 768 x 3) pixels |
| Projection lens | Zoom | Manual (Approx. 1.3x) |
| | Focus | Manual |
| Light source | High-pressure mercury lamp 210 W type | |
| Recommended lamp replacement time*1 | 3000 H / 4500 H / 6000 H (Lamp mode: High / Standard / Low) | |
| Filter cleaning cycle | Max. 6000 H*1 / Same time as the lamp replacement is recommended | |
| Screen size | 30" to 300" (0.762 m to 7.62 m)*2 | |
| Light output (Lamp mode: High / Standard / Low) | 3600 lm / 2700 lm / 2200 lm | |
| Colour light output | 3600 lm / 2700 lm / 2200 lm | |
| Contrast ratio (full white / full black)*3 | 4000:1 | |
| Speaker | 10 W x 1 (monaural) | |
| Displayable scanning frequency | Horizontal | 14 kHz to 93 kHz |
| | Vertical | 47 Hz to 93 Hz |
| Display resolution | Computer signal input | Maximum input signal resolution: 1600 x 1200 (resizing display), Panel display resolution: 1024 x 768 pixels |
| | Video signal input | NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i |
| Colour system | NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60 | |
| Keystone correction | Vertical: Max. +/- 30 degrees*4 | |
| OSD language | 20-languages (English, Dutch, French, Italian, German, Spanish, Portuguese, Turkish, Polish, Russian, Swedish, Norwegian, Japanese, Simplified Chinese, Traditional Chinese, Korean, Thai, Vietnamese, Arabic, Persian) | |
| Computer and video signal input/output | INPUT A | RGB / Y PB PR input connector: Mini D-sub 15-pin (female), Audio input connector: Stereo mini jack |
| | INPUT B | RGB input connector: Mini D-sub 15-pin (female), Audio input connector: Stereo mini jack |
| | S VIDEO IN | S video input connector: Mini DIN 4-pin, Audio input connector: Pin jack (x2) (shared with VIDEO IN) |
| | VIDEO IN | Video input connector: Pin jack, Audio input connector: Pin jack (x2) (shared with S VIDEO IN) |
| Other signal input/output | OUTPUT | Monitor output connector*5: Mini D-sub 15-pin (female), Audio output connector*6: Stereo mini jack (variable out) |
| | | RS-232C connector: D-sub 9-pin (female) LAN connector: RJ45, 10BASE-T/100BASE-TX |
| Operating temperature (Operating humidity) | 0°C to 40°C / 32°F to 104°F (35% to 85% (no condensation)) | |
| Storage temperature (Storage humidity) | -20°C to +60°C / -4°F to +140°F (10% to 90%) | |

| Specifications | VPL-EX175 | |
|--------------------------------|--|--|
| Power requirements | AC 100 V to 240 V, 3.3 A to 1.3 A, 50 Hz / 60 Hz | |
| Power consumption | AC 100 V to 120 V | 320 W / 275 W / 245 W |
| | AC 220 V to 240 V | 310 W / 265 W / 235 W |
| Standby mode power consumption | AC 100 V to 120 V | 9 W / <1.0 W (Standby mode: Standard / Low) |
| | AC 220 V to 240 V | 11 W / <1.0 W (Standby mode: Standard / Low) |
| Heat dissipation | AC 100 V to 120 V | 1091 BTU |
| | AC 220 V to 240 V | 1057 BTU |
| Standard outside dimensions | | W 313.4 x H 129.6 x D 278.3 mm (W 12 11/32 x H 5 3/32 x D 10 31/32 in) |
| | | W 313.4 x H 114.1 x D 269 mm (W 12 11/32 x H 4 1/2 x D 10 19/32 in) (without protrusion) |
| Mass | 3.3 kg / 7 lb 4.4 oz | |
| Supplied accessories | 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) | |

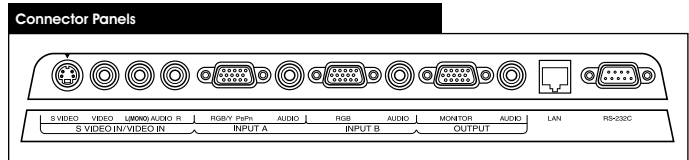
- *1: The figures are expected maintenance time and not guaranteed. They will depend on the environment or how the projector is used.
- *2: Viewable area, measured diagonally.
- *3: The value is average.
- *4: Depend on resolution.
- *5: From INPUT A and INPUT B.
- *6: Works as audio switcher function. From current channel only. Not available in standby.

Optional Accessory

LMP-E211
Projector Lamp
(for replacement)

Dimensions

Unit: mm (inches)



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