



## VPL-EX5PLUS

XGA Education-use projector with 1'500 lumens

\*This model is available in the United Kingdom ONLY

### Next generation brighter, smarter, Education-use projector



The new 1,500 lumens VPL-EX5U incorporates the newest 0.63 inch BrightEra inorganic 3-LCD panels by Sony. This unique system minimises degradation of colours over time, achieves higher brightness and sharper images in even well-lit rooms - and delivers exceptional reliability and longevity.

This Education model, the VPL-EX5U's 1,500 lumens, 900:1 high contrast ratio, XGA resolution presents pin sharp PC presentations for screens and interactive whiteboards and colour-rich video/film replication. The stylish, practical design includes a built-in tilt angle of 8 degrees that automatically produces perfectly proportioned images; height adjustment and controls are simple to use and easy to get to.

### Features

#### Short-throw projection

Achieve a pin-sharp 80 inch image (diagonal) from just 2.3m away, ideal for small meeting rooms, classrooms and home use.

#### 3-LDC BrightEra technology

Sony's newest 0.63 inch BrightEra inorganic 3-LCD panels deliver improved panel light resistance, higher resolution, high brightness and increased panel reliability.

#### Built-in optical shift

A built-in 8 degree tilt angle ensures images are automatically square when projected on the screen or wall.

#### Easy setup and operation

The VPL-EX5U offers a variety of features, which make set-up and operation quick and smart.

#### Panel plate

The VPL-EX5U features a rugged panel plate, to protect against damage and mis-use

### Benefits

#### Easy to use features

Height adjuster is located on the back to make it easier to see the effects of movement on your picture and the control panel is located on the top of the unit for easy operation.

#### 12-bit 3D Gamma Correction

Delivers highly accurate gamma correction to reproduce gradation more in detail.

#### Security protection

Password access, control panel lock and optional security cable and security bar can all help to prevent misuse, tampering and theft in classrooms or meeting rooms.

### Zoom in detail

4 x digital zoom enables close examination of detail in any presentation.

### Low-cost ownership

Power Saving and power consumption reduction save energy and enhance longevity.

### Freeze frame functionality

The freeze image feature allows images to be held while new presentations are loaded.

### Low noise

The front ventilation and quiet fan technology design means heat and minimal noise are deflected forward away from participants.

### Quick start, fast finish

The projector is ready to display PC or video images just 4 seconds\* from power on and can be unplugged and removed from a room soon after power off.

### Dynamic Detail Enhancer (DDE)

This technology generates high quality images through the Interlace/Progressive conversion processor, resulting in extremely accurate image reproduction.

### 6 picture modes

Presentation, Dynamic, Standard, Game, Living and Cinema modes enable you to get optimum performance for lighting in room and media being projected.

### On Site Engineer De-Install & Re-Install Warranty\*

3 years total engineer service solution cover and peace of mind from Sony.

3 year unlimited lamp warranty\* providing total cost of ownership for 3 years from the date of purchase of your EX5PLUS.

Current Offer: Free Upgrade to 5 year PrimeSupport cover until December 31st (Years 4 and 5 - hardware only without engineer or lamp warranty)

\* - For public sector organisations only.

## Technical Specifications

### --Overview--

|                   |                                                         |
|-------------------|---------------------------------------------------------|
| Native Resolution | XGA (1024 x 768 x 3)                                    |
| Panel Type        | BrightEra Inorganic 0.63-inch TFT LCD, 2,359,296 pixels |
| Projection System | 3 LCD panels, 1 lens system                             |
| Brightness        | 1500 ANSI lumen                                         |
| Contrast Ratio    | 900:1                                                   |
| Weight            | Approx. 3kg                                             |
| Dimensions        | (W x H x D) 314 x 109 x 269 mm                          |

### --General--

|                              |                           |
|------------------------------|---------------------------|
| Standard Lens Zoom           | 1.2 times (Manual)        |
| Vertical Keystone Correction | +/- 30°                   |
| Lamp Type                    | 190W Ultra High Pressure  |
| Lamp Life                    | (Replacement time) 3000 H |
| Filter Cleaning Time         | 3000 H                    |
| Speaker                      | 1W Mono                   |
| Max Power Consumption        | 260W                      |
| Standby Power Consumption    | 3W                        |
| Body Colour                  | White                     |

### --Throwing Distance--

|                                    |             |
|------------------------------------|-------------|
| Min - Max Screen Size (diagonally) | 40-300 inch |
| 40-inch / 1m screen                | 1.1 – 1.4m  |
| 80-inch / 2m screen                | 2.3 – 2.8m  |
| 100-inch / 2.5m screen             | 2.9 – 3.5m  |
| 200-inch / 5.1m screen             | 5.8 – 7.0m  |
| 300-inch / 7.6m screen             | 8.8 - 10.5m |

**--Signals--**

|               |                                                            |
|---------------|------------------------------------------------------------|
| Colour System | NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60 system |
|---------------|------------------------------------------------------------|

**--Inputs--**

|                         |                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Input A                 | HD D-sub 15-pin (RGB/Component)                                                                                                                            |
| Video                   | S-Video<br>Composite Video                                                                                                                                 |
| Acceptable video signal | Composite Video, Y/C Video, 15kRGB 50/60Hz, Progressive Component 50/60Hz, DTV (480/60i, 480/60p, 575/50i, 575/50p, 720/50p, 720/60p, 1080/50i, 1080/60i,) |
| Audio                   | Stereo Minijack (shared VIDEO IN/INPUT A)                                                                                                                  |

**--Control--**

|         |             |
|---------|-------------|
| RS-232C | D-sub 9-pin |
|---------|-------------|

**--Output--**

|             |                            |
|-------------|----------------------------|
| Monitor out | HD D-sub 15-pin (RGB)      |
| Audio out   | Stereo Minijack (variable) |

**--Supplied accessories--**

|                  |                            |
|------------------|----------------------------|
| Remote Commander | RM-PJ4 (credit card style) |
| Carrying Case    | Soft Type                  |
| Cables           | HD D-sub 15 pin (2m)       |

**--Optional accessories--**

|      |          |
|------|----------|
| Lamp | LMP-E190 |
|------|----------|

**Supplied Accessories**

|                                 |
|---------------------------------|
| Warranty card                   |
| Security label                  |
| Safety regulation booklet       |
| Quick reference manual          |
| Operating Instructions (CD-ROM) |
| AC Power cord                   |
| Soft carrying case              |
| HD D-sub 15 pin cable 1.8m      |
| Lithium battery CR2025          |
| Remote Commander Unit (RM-PJ4)  |