

# SONY

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## VPL-FX500L

Professional XGA ultra high brightness installation projector, ideal for auditoriums, lecture theatres and conference halls.



**A versatile and ultra-bright BrightEra 3-LCD 7000 ANSI Lumens installation projector with long life and low maintenance**

Featuring a very wide range of lens-shift adjustment, and interchangeable lenses, this is a projector that installers can easily fit into awkward places, often re-using mounts and fixtures. The VPL-FX500L is so flexible that it can replace a very wide range of existing equipment.

Outstanding image quality is just one of the many benefits of Sony's 3 LCD-BrightEra technology. By reducing the effects of UV light, it lengthens panel life, brightens the image, and improves colour rendition.

Maintenance is kept to an absolute minimum. Automatic lamp-switching means that at the end of a lamp's working life, another one, already in place, is brought into use.

Synchronised lamp and filter cycles halve the required number of maintenance visits.

The VPL-FX500 is the perfect choice for venues that need an extremely bright projector with a high quality image and low maintenance costs

This product comes with PrimeSupport – fast, hassle-free repairs and a helpline offering expert technical advice. Which gives you the peace of mind that Sony is looking after your equipment, and your business.

## Features

**3 LCD XGA BrightEra Panel with enhanced UV protection to reduce the effect of heating on the LCD panel**

**Ultra high brightness: 7,000 ANSI Lumens**

**Standard Lens has wide Manual Zoom**

**Wide lens shift range: Vertical: +/- 96%, Horizontal: +/- 64% (depending on optional lens)**

**Compatible with lenses from PX30, PX40, FX50, FH300**

**Dual lamp capacity, auto-switched giving effective 6000-8000 hours lamp life**

**Filter maintenance synchronised with lamp replacement**

**Lower operating power consumption than previous models**

**Wide range of inputs for a variety of source devices**

**D-Sub15 output for external monitor connection**

**Wide range of image adjustment**

## Benefits

### BrightEra Technology

Sony's BrightEra Panel Technology gives more accurate colour rendition, higher brightness and longer lifespan for a lower Total Cost of Ownership

### Ultra High Brightness

Ultra high brightness for a clear image in high ambient light. Ideal for large venues

### Wide Zoom Range as standard

Standard lens has wide zoom capability for more flexibility over positioning of projector, which can be installed closer to or further back from the screen

### Wide Lens Shift Range

Wide lens shift range means the projector can be positioned closer to the ceiling, or horizontally offset to avoid ceiling obstacles

### Compatible with wide range of lenses

Choose the characteristics of the projector's optics by selecting the lens from a range compatible with previous models

### Dual lamp capacity, auto-switched giving effective 6000-8000 hours (High/Std) lamp life

There's no downtime when a lamp reaches the end of its life. The projector switches to a second lamp, already in place, doubling the effective lamp life and halving the number of maintenance visits required.

**Lamp/Filter replacement cycles synchronised**

Synchronised lamp and filter replacement effectively halves the number of visits needed to maintain the projector in peak operating condition

**Lower Power Consumption**

Lower operating power consumption helps reduce energy consumption and lowers running costs

**Multiple Input Types**

A wide range of inputs makes it easy to source presentations from almost any type of device

including 1080p HD video and up to UXGA digitally from computers

**Monitor output**

External monitor output that allows presenters to see their slides and videos on a smaller screen in their field of view, so that they never have to turn their back on the audience

**Wide Range of Image Adjustment**

Wide range of image adjustment allows the projector to be installed in a much wider range of locations. Installers are more likely to be able to use existing mounts, or to work around existing obstructions

**Technical Specifications**

Display System	3 LCD System
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**Display Element**

Effective Display Size	0.99" (25.0mm) x 3, BrightEra, Aspect: 4:3
Effective Pixels	2,359,296 (1024 X 768 X 3) Pixels

**Projection Lens**

Zoom	Powered / Manual
Focus	Powered / Manual
Lens Shift	Powered
Light Source	High Pressure Mercury Lamp 330W
Recommended Lamp Replacement	Approx. 6000H (Lamp Mode: High) Approx. 8000H (Lamp Mode: Standard)
Filter Cleaning Cycle	Same time as Lamp Replacement
Screen Size	40 to 600 (1.02 to 15.24m) Depending on Lens
Luminous Flux (Brightness)	7000lm (Lamp Mode: High) 5600lm (Lamp Mode: Standard)
Colour Luminous Flux (Colour Brightness)	7000lm (Lamp Mode: High) 5600lm (Lamp Mode: Standard)
Contrast Ratio	2500:1
Speaker	No

**Displayable Scanning Frequency**

Horizontal	14 kHz to 93 kHz
Vertical	47 Hz to 93 Hz

**Display Resolution**

Computer Signal Input	Maxium Display Resolution: 1920 X 1200 Dots (Resizing Display) Panel Display Resolution: 1024 vX 768 Dots
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Video Signal Input	NSTC, PAL, SECAM, 480/60i, 567/50i, 480/60p, 576/50p, 720/60p 720/50p, 1080/60i, 1080/50i, 1080/60p 1080/50p
Colour System	NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60
V. Keystone Correction	Max. +/- 30 Degrees
OSD Language	20 languages (English, Dutch, 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**

Operating Temperature (Operating Humidity)	0 to 40° C/32 to 104° F (35 to 85% (No Condensation))
Storage Temperature (Storage Humidity)	-20 to 60° C/-4 to 140° F(10 to 90%)
Power Requirements	AC 100 to 240V, 4.8 to 2.0A, 50 / 60Hz
Input A	RGB / Y PB PR Connector: 5BNC (Female)
Input B	RGB Input Connector: Mini D-Sub 15 pin (Female)
Input C	DVI-D Input Connector: DVI-D 24 pin (Single Link), supported HDCP
S Video In	S Video Input Connector: Mini DIN 4 pin
Video In	Video Input Connector: Pin Jack
Output	Monitor Output Connector: Mini D-Sub 15 pin (Female)
Other Signal Input/Output	RS-232C Connector: D-Sub 15 pin (Female) LAN Connector: RJ45, 10BASE-T/100BASE-TX Control S Input Connector: Stereo Mini Jack, Plug in power DC5V Control S Output Connector: Stereo Mini Jack

**Power Consumption**

AC100V	480W
AC240V	460W

**Standby Mode Power Consumption**

AC100V	13W (Standby Mode: Standard) 0.1W (Standby Mode: Low)
AC240V	12W (Standby Mode: Standard) 0.2W (Standby Mode: Low)

**Heat Dissipation**

AC100V	1638 BTU
AC240V	1570 BTU
Safety Regulations	WW Model
Body Colour	White / Grey

Standard Outside Dimensions	Approx. W 530 X H 213 X D 545 mm - W 20 7/8 H 8 3/8 X D 21 15/32
Weight	Approx. 20kg / 44 lbs 1oz

**Supplied Accessories**

RM-PJ19	Remote Commander (1), with batteries : Size AA (R6) / Approx. 18g / x 2
	AC Power Cord (1)
	Cable Clamps (2)
	Lens Installation Screws (4)
	Lens Hole Cover (1)
	Quick Reference Manual (1)
	Warranty Card (1) (outside of box)
	Security Label (1)
	Operating Instructions: CD-ROM

**Accessories****Warranty and Support Agreements****PrimeSupport Plus FPJ2E**

An optional service offering that extends the duration of the included PrimeSupport cover by 2 years - achieving a total of 5 years' cover.

**PrimeSupport Plus FPJL**

If the projector lamp fails, this optional service offering provides one free replacement lamp during the 3 years of PrimeSupport cover

**PrimeSupport Plus FPJ2EU**

An optional service offering extending duration of included PrimeSupport cover by 2 years - achieving a total of 5 years' peace of mind. Also includes next business day delivery of loan unit.

**PrimeSupport Plus FPJU**

An optional service offering that provides a free next-business-day loan unit throughout the 3 years of PrimeSupport cover.

**Brackets and Mounting Kits****PSS-630**

Ceiling Mount Bracket for VPL-FH300 and VPL-FW300 projectors

**Lenses****VPLL-FM22**

Optional Fixed Lens For VPL-PX40

**VPLL-ZM101**

1.5 times zoom long focus lens for VPL-PX21/PX31/PX32/FX50/FX51

**VPLL-Z4015**

Short Focus Zoom Lens for VPL-FH300 and VPL-FW300 projectors

**VPLL-ZM102**

Optional Zoom Lens for VPL-PX40

**VPLL-Z4019**

Standard Focus Zoom Lens for VPL-FH300 and VPL-FW300 projectors

**VPLL-ZM32**

Short Focus Zoom Lens for VPL-PX40 and VPL-PX35

**VPLL-Z4025**

Middle Focus Zoom Lens for VPL-FH300 and VPL-FW300 projectors