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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

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
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)	Battery : 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	