Professional Solutions of America   **SONY**

Bulletin

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FROM: SANDER PHIPPS

SUBJECT: INTRODUCTION: VPL-FH500L INSTALLATION PROJECTOR

TYPE: INTRODUCTION

INTRODUCING SONY'S NEWEST 3LCD FIXED INSTALLATION PROJECTOR: VPL-FH500L

Sony is pleased to present the VPL-FH500L Installation Projector. VPL-FH500L features native WUXGA resolution, high brightness at 7000 lumens color light output, a centered lens, and the widest lens shift in its class.

The VPL-FH500L includes a twin-lamp system ensuring worry-free, economical operation. Compatibility with current interchangeable lenses enables a wide range of options – from long distance projection in large auditoriums to short distance rear projection applications. ECO-friendly longer lamp life means less energy consumption, less cost and less time up on a ladder making replacements.

The VPL-FH500L is suitable for installations supporting large-screen applications such as university lecture halls and corporate auditoriums.

MODEL NAME	BRIEF DESCRIPTION	SUGGESTED LIST PRICE	AVAILABILITY
VPL-FH500L	7000 Lm WUXGA Installation Projector	$10,950.00	February 2011
LMP-F330	Replacement lamp	$585.00	Avail. now
VPLL-ZP41	Optional Lens-2.53-3.08* Powered zoom	$2,300.00	Avail. now
VPLL-ZM42	Optional Lens- 1.87-2.3* Manual Zoom	$475.00	Avail. now
VPLL-FM22	Optional Lens-0.89* Fixed zoom	$2,700.00	Avail. now
VPLL-ZM32	Optional Lens-1.48-1.62* manual zoom	$2,400.00	Avail. now
VPLL-ZM102	Optional Lens-3.35 to 4.92* manual zoom	$2,400.00	Avail. now

MODEL NAME	BRIEF DESCRIPTION	SUGGESTED LIST PRICE	AVAILABILITY
VPLL-ZM101	Optional Lens-4.47 to 6.58* manual zoom	$3,100.00	Avail. now
VPLL-Z4015	Optional Lens-2.06-2.72* Powered zoom	$5,000.00	Avail. now
VPLL-Z4019	Optional Lens-2.67-3.42* Powered zoom	$3,500.00	Avail. now
VPLL-Z4025	Optional Lens-3.36-6.23* Powered Zoom	$5,000.00	Avail. now
VPLL-Z4045	Optional Lens-6.19-10.72* Powered Zoom	$5,500.00	Avail. now
PK-F500LA1	Adapter for Legacy Lenses**	$49.00	Avail. now
PK-F500LA2	Adapter for Legacy lenses***	$49.00	Avail. now

* Indicates Throw Ratio Contact Sony Representative for further information
** For VPLL-ZP41 and VPLL-ZM101
*** For VPLL-ZM22,VPLL-ZM32,VPLL-ZP42 and VPLL-ZM102

INTRODUCING SONY'S NEWEST 3LCD FIXED INSTALLATION PROJECTOR
VPL-FH500L

Features & Benefits

- **Wide range of lenses** - The VPL-FH500L ships without a lens, and offers backwards compatibility with a number of existing Sony lenses.

- **Twin Lamp System –** For worry-free operation, a second lamp is built-in to provide automatic back-up should the primary lamp fail. Since the two lamps are alternately used, the total expected lamp life can total up to approximately 8000 hours.

- **Superior Image Quality -** The VPL-FH500L offers an outstanding Color Light Output of 7000 Lm and a high contrast ratio at 2500:1. 12bit 3D Digital Gamma Correction reproduces gradation in greater detail. Film Mode technology generates high quality images through the Interlace to Progressive conversion processor. Signals of film-originated sources converted through 2-3 and 2-2 pull down process are detected, resulting in extremely accurate image reproduction.

- **Powerful Features :**

    - Picture in Picture capability This feature enable allows 2 inputs to be displayed in equally sized images on the screen at one time. Ideal for VTC and other multi source applications

    - Color matching Readily available adjustments that enables one to accuratly reproduce the origianl image on the screen No more "it doesn't look like it did on my monitor"

- **Maintenance made EASY** – When it's time to replace the lamp, a message will appear onscreen. Lamp replacement and filter cleaning can be performed quickly, easily and at the same time, without uninstalling the projector, since both are accessible from the side. And Sony's dust protection system makes for an advanced long filter cleaning cycle, which means less frequent filter changes.

- **TCO and ECO**:
    - Replace lamps less frequently with a long lamp life of 6000/8000H! Sony's optical engine, BrightEra with Longer Lasting Optics provides improved optical efficiency: more light is projected onto the screen at less lamp power, requiring smaller lamps – smaller lamps are less expensive, use less electricity and produce less heat.

    - Save energy costs! With the push of the "Eco Mode" button on projector or Remote Commander, Lamp mode saves the consumption of lamp wattage; Power Saving mode kicks in if there is no operation for 10 minutes without any signal input; Standby mode can reduce power consumption in standby.

- **"Do Not Disturb" -** Outfitted with a white and flat cabinet and a connector panel located on the lower face front – hiding the connectors and cables – the VPL-FX500L gives audiences the impression that the projector is blended into the ceiling when mounted. Fan noise is moderate.

- **Other Convenience Features** - Closed captioning; digital zoom; picture muting; network control and monitoring.

VPL-FX500L SPECIFICATIONS	
Color Light Output*	7000 lumens (high mode), 5600 lumens (Std lamp mode)
Light Output	7000 lumens (high mode), 5600 lumens (Std lamp mode)
Video Resolution	750 TV Lines
RGB Resolution	1920 by 1200 Pixels
Contrast Ratio	2500:1
Acceptable Computer Signals	fH: 14 to 93kHz, fV: 47 to 93Hz
Acceptable Video Signals	NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p
Color System	NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60
LCD Panels	0.99″ TFT BrightEra LCD Panel, 6,912,000 (1920x1200x3) pixels
Throw Ratio	depends on the lens
Lamp	330W UHP Lamp x 2; Life: 6000/8000H
Screen Size	40 to 600 inches (viewable area, measured diagonally)
Dimensions	20 7/8 x 8 3/8 x 21 15/32″
UPC Code	027242799530
Mass	44 lbs. 1 oz.
Heat Dissipation	1672 BTU
Lens	depends on the lens
Video Input	Composite Video: Phono S Video: Y/C Mini DIN 4-pin
Input A	Analog RGB / Component: 5 BNC (female)
Input B	Analog RGB / Component: HD D-sub 15-pin (female)
Input C (DVI-D)	Digital RGB/DVI-D (TMDS)
Input D	HDMI
Input E	Slot for Optional HDSDI Card (BKM-FW16)
Output	Analog RGB: HD D-sub 15-pin (female)
Remote RS-232C	D-sub 9 pin (female)
Control S IN	Control S in / plug in power: Stereo mini jack

Features and specifications subject to change without notice. Non-metric weights and measurements approximate.
*Color Light Output is a metric that measures a projector's ability to deliver color. Developed by Color Scientists using the same approach as White Light Output (brightness) measurement, Color Light Output provides a simple, accurate and easy-to-understand way to evaluate projector color performance.

Please contact your local account manager with any questions.

Good Selling!

Sander Phipps
Senior Product Manager, Professional Projectors
Professional Solutions of America (PSA)
Sony Electronics, Inc.