VPL-FX500L Versatile Installation Projector

XGA/7,000 Lumens
Bright, versatile and hardworking.

The VPL-FX500L features native XGA resolution, high brightness at 7000 lumens color light output, a centered lens, and the widest lens shift in its class. A twin-lamp system ensures worry free, economical operation; compatibility with current interchangeable lenses enables a wide range of options; and the ECO-friendly longer lamp life means less energy consumption, less cost and less time up on a ladder making replacements. This projector is ideal for installations supporting large-screen applications such as university lecture halls and corporate auditoriums.

Extreme Lens Shift — With maximum +/- 96% vertical and +/- 64% horizontal lens shift capability, the VPL-FX500L is the ideal fit for high-ceiling applications. Wide lens shift range minimizes picture degradation caused by using keystone function.

Wide Range of Lenses — The VPL-FX500L ships without a lens and offers backward compatibility with a number of existing Sony lenses (back for details).

Twin Lamp System — For worry-free operation, a second lamp is built-in to provide automatic backup should the primary lamp fail. Since the two lamps are alternately used, the total expected lamp replacement time can total up to approximately 8000 hours, which means less maintenance.

Superb Image Quality — The VPL-FX500L offers an outstanding Color Light Output of 7000 Lm and a high contrast ratio of 2500:1. 12bit 3D Digital Gamma Correction reproduces gradation in greater detail.

Maintenance Made Easy — Lamp replacement and filter cleaning are both accessible from the side of the projector, so that both functions can be performed quickly, easily and at the same time without uninstalling the projector.

Eco-friendly Features — With the push of the "Eco Mode" button on the 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; and Standby mode can reduce power consumption in standby.

Quiet and Unobtrusive — Outfitted with a white, flat cabinet and a connector panel located on the lower face front that hides the connectors and cables – the VPL-FX500L gives audiences the impression that the projector is blended into the ceiling when mounted. Plus it produces minimal fan noise, so the overall effect is unobtrusive.

3LCD

BrightEra™
Long Lasting Optics

VPL-FX500L Specifications

Optical	
Color Light Output / Light Output	7000 lumens (High)
	5600 lumens (Standard)
LCD Panels	0.99" x3 TFT BrightEra LCD Panel
Resolution	XGA (1024 x 768 Pixels)
Video Resolution	750 TV Lines
Contrast Ratio (Full white/full black)*	2,500:1
Lamp	330W UHP Lamp x 2 (twin lamp system)
Lamp replacement time **	6000H (High) / 8000H (Standard) with two lamps sequential usage
Lens	Optional
Throw Ratio	depends on the lens
Screen Size †	40" to 600" (depends on the lens)

Interface		
Computer and Video Signal Input/Output	INPUT A	5BNC (RGB / Y Pb Pr)
	INPUT B	Mini D-sub 15-pin (RGB)
	INPUT C	DVI-D (HDCP Supported)
	S VIDEO IN	Mini DIN-4pin (Y/C)
	VIDEO IN	BNC
	OUTPUT	Mini D-sub 15-pin (from with INPUT A and B)
Control Signal Input/Output	RS-232C	D-sub 9 pin
	LAN	RJ45, 10BASE-T/100BASE-TX
	Control S Input	Stereo mini jack (plug in power DC5V)
	Control S Output	Stereo mini jack

Accessory	
Replacement Lamp	LMP-F330
Replacement Filter	Supplied with LMP-F330
Replacement Remote	1-489-092-11 (RM-PJ19)

General	
Scanning Frequency	fH: 14 to 93kHz, fV: 47 to 93Hz
Acceptable Computer Signals	Maximum display resolution : 1920 x 1200 dots (resizing display)
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
Keystone Correction	Vertical : Max +/- 30 degrees††
Speaker	None
UPC Code	027242799530
Power Requirements	AC 100V to 240V, 4.8A to 2.0A, 50Hz/60Hz
Power Consumption (AC 100V to 120V)	480W
Power Consumption (AC 100V to 120V)	13W (Standard mode) / 0.1W (Low mode)
Dimensions (W x H x D)	20 7/8 x 8 3/8 x 21 15/32"
Weight	44 lbs. 1 oz.

* The value is average.
** The figures are expected maintenance time and not guranteed. They will depend on the environment or how the projector is used.
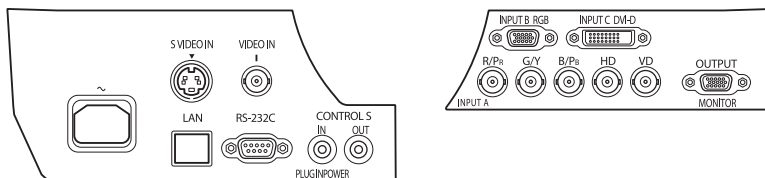† Viewable area measured diagonally
†† Depends on resolution

Optional Lens Specifications

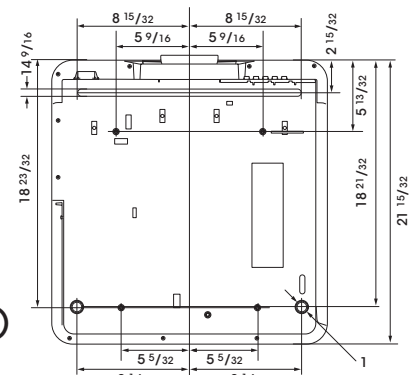|	Lens Model Name	Previously Compatible Sony Projectors	Zoom/ Focus	Lens Shift Range (V,H)	Aperture (F=)	Screen Size	Weight	All-Range Crisp Focus	Lens Adaptor	Throw Ratio	Throw Ratio Chart
Value Line	VPLL-FM22	PX40 Series	No/Manual	–	2.00	40"- 300"	2.09lbs	–	PK-F500LA2	0.89	
	VPLL-ZM32	PX40 Series	Manual	+/- 50%, 32%	1.76 - 1.96	40"- 300"	2.20lbs	–	PK-F500LA2	1.48 - 1.62	
	VPLL-ZM42	PX40 Series	Manual	+/- 50%, 32%	1.74 - 2.28	40"- 300"	1.43lbs	–	PK-F500LA2	1.87 - 2.30	
	VPLL-ZM102	PX40 Series	Manual	+/- 50%, 32%	2.04 - 2.57	40"- 300"	3.31lbs	–	PK-F500LA2	3.35 - 4.92	
	VPLL-FM21*	FX50/PX30 Series	No/Manual	–	2.00	40"- 300"	4.08lbs	–	PK-F500LA1	1.20	Production Discontinued
	VPLL-ZM31*	FX50/PX30 Series	Manual	+/- 96%, 64%	1.90 - 2.00	40"- 300"	6.92lbs	–	PK-F500LA1	2.07 - 2.17	Production Discontinued
	VPLL-ZP41	FX50 Series	Powered	+/- 96%, 64%	1.70 - 2.00	40"- 300"	3.22lbs	–	PK-F500LA1	2.53 - 3.08	
	VPLL-ZM101	FX50/PX30 Series	Manual	+/- 96%, 64%	2.00 - 2.60	40"- 300"	3.99lbs	–	PK-F500LA1	4.47 - 6.58	
Premium Line	VPLL-4008	FH300L Series	No/Manual	–	2.00	40"- 600"	5.62lbs	Yes	–	1.10	
	VPLL-Z4015	FH300L Series	Powered	+/- 86%, 57%	2.20 - 2.60	40"- 600"	6.61lbs	Yes	–	2.06 - 2.72	
	VPLL-Z4019	FH300L Series	Powered	+/- 96%, 64%	1.70 - 2.10	40"- 600"	6.75lbs	Yes	–	2.67 - 3.42	
	VPLL-Z4025	FH300L Series	Powered	+/- 96%, 64%	2.20 - 3.10	40"- 600"	6.17lbs	Yes	–	3.36 - 6.23	
	VPLL-Z4045	FH300L Series	Powered	+/- 96%, 64%	2.20 - 3.60	60"- 600"	6.61lbs	Yes	–	6.19 - 10.72	

* VPLL-FM21 and VPLL-ZM31 production discontinued
Please note: VPL-PX40 series standard lens cannot be attached to VPL-FX500L. VPLL-ZM42 is substitutable.

Front Panel

Dimensions (Bottom)

Visit sony.com/projectors for throw distance simulator