

VPL-FX37

6,000 lumens XGA 3LCD Installation projector



Overview

3LCD XGA installation projector with high brightness and low maintenance

The VPL-FX37 offers amazing installation flexibility and hassle-free maintenance, along with a stylish yet inconspicuous design that blends into any decor. The projector is equipped with a standard 1.6x zoom lens, making image adjustment easy. The maintenance cycles of the lamp and cleaning filters are synchronised and exceptionally long, which cuts maintenance time and cost. In addition, VPL-FX37 is designed to deliver a low total cost of ownership, and include environmentally-friendly features, thanks to its long-lasting lamp and low power consumption. Packing the most advanced projector technologies into a low-profile design, the VPL-FX37 is an excellent choice, delivering a dramatic brightness and high-quality images with XGA resolution.

- **High picture quality**

6000 lumens 3LCD projector with 2000:1 contrast ratio, XGA resolution and 1.6x optical zoom lens.

- **Energy efficient design**

Up to 3500h expected lamp replacement time, ECO Mode for savings on energy and low power consumption.

- **Installation advantages**

Synchronised lamp and filter maintenance timing.

- **Closed captioning**

Official teletext broadcasting, developed by the NCI, USA.

- **Network and control**

Controls and monitors projector status Compatible with various control systems.

Features

- **Brilliant colour performance with high resolution lens**

The VPL-FX37 combines a new-generation optical system, which uses Sony's BrightEra™ with Long Lasting Optics technology, and a 3LCD projection system to achieve high picture quality in XGA (1024 x 768) resolution and high brightness (6,000 lumens). The VPL-FX37 incorporates a high resolution lens known as the All Range Crisp Focus (ARC-F) lens. Its large diameter and fine pitch ensure crisp pictures.

- **12-bit 3D gamma correction, I/P conversion and film mode**

The VPL-FX37 Series projector incorporates 12-bit 3D gamma correction circuitry to perform highly accurate gamma correction, achieving smoother gradations and a richer grey scale. The video signal processing technology that Sony has incorporated in the VPL-FX37 offers I/P conversion and 2-3 pull-down to generate high-quality images with outstanding clarity.

- **Convenient, simple projector replacement**

The standard 1.6x zoom lens enables installation flexibility when replacing an existing projector with the VPL-FX37 – there's no need to change ceiling mount positions. For applications where more than a standard lens is needed, the VPL-FX37 is compatible with the optional VPLL-Z1024 and VPLL-Z1032 accessory lenses designed for Sony's current VPL-FX40 Series.

- **"Blend-in" design**

The VPL-FX37 showcases a low-profile chassis, so the projector appears to blend into the ceiling or wall on which it is mounted. The connector panel is located on the front of the unit so that its cables cannot be seen by the audience.

- **Long-lasting lamp and energy saving design**

By incorporating high-performance lamp and advanced lamp-control technology, the VPL-FX37 offers a recommended lamp replacement time of approximately 3,500 hours (in standard mode). The VPL-FX37 offers low power consumption, allowing users to make significant savings on their electricity expenses. With a single push of the ECO MODE key on either the projector or the supplied Remote Commander™ unit, user can select an energy-saving setting from the ECO Mode menu.

- **Lamp and filter synchronised maintenance**

When the air filter must be cleaned, a timely message is displayed on screen. The lamp and the filter are accessible from the same side, so their maintenance can be performed without uninstalling the projector. With typical usage, the filters have an approximate 15000-hour cleaning cycle. This is achieved by a Quad Filter system which means the filters only need to be clean when the lamp is changed, even in harsh conditions, saving maintenance time and cost.

- **Centred lens design**

The centred lens provides symmetry for a balanced installation, and makes setup very simple.

Technical Specifications

Display system	
● Display system	3 LCD system

Display device	
● Size of effective display area	0.79 inches (20.1 mm) x 3 BrightEra LCD Panel, Aspect ratio: 4:3
● Number of pixels	2,359,296 (1024 x 768 x 3) pixels

Projection lens*1	
● Focus	Manual
● Zoom - Powered/Manual	Manual
● Zoom - Ratio	Approx. x 1.6
● Throw ratio	1.42:1 to 2.27:1
● Lens shift - Powered/Manual	Manual
● Lens shift - Range Vertical	+ 51%
● Lens shift - Range Horizontal	+/- 33%

Light source	
● Type	Ultra high pressure mercury lamp
● Wattage	330 W type

Recommended lamp replacement time*1	
● Lamp mode: High	2500 H
● Lamp mode: Standard	3500 H

Filter cleaning / replacement cycle (Max.)*2	
● Filter cleaning / replacement cycle (Max.)	15000 H (cleaning) Same as the lamp replacement is recommended

Screen size*1	
● Screen size	40" to 600" (1.02 m to 15.24 m) (measured diagonally)

Light output	
● Lamp mode: High	6000 lm
● Lamp mode: Standard	4500 lm

Color light output	
● Lamp mode: High	6000 lm
● Lamp mode: Standard	4500 lm

Contrast ratio (full white / full black)*3	
● Contrast ratio (full white / full black)*3	2000:1

Displayable scanning frequency	

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

Display resolution	
● Computer signal input	Maximum display resolution: 1920 x 1200 dots *4
● Video signal input	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	
● Color system	NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60

Keystone correction (Max.)	
● Vertical	+/- 30 degrees

OSD language	
● OSD language	20-languages (English, Dutch, French, Italian, German, Spanish, Portuguese, Turkish, Polish, Russian, Swedish, Norwegian, Japanese, Simplified Chinese, Traditional Chinese, Korean, Thai, Vietnamese, Arabic, Farsi)

INPUT OUTPUT (Computer/Video/Control)	
● INPUT A	RGB / YPbPr input connector: 5BNC (female) Audio input connector: Stereo mini jack
● INPUT B	RGB input connector: Mini D-sub 15-pin (female) Audio input connector: Stereo mini jack (shared with INPUT C)
● INPUT C	DVI-D input connector: DVI-D 24-pin (Single link), HDCP support Audio input connector: Stereo mini jack (shared with INPUT B)
● S VIDEO IN	S video input connector: Mini DIN 4-pin Audio input connector: Pin jack (x2) (shared with VIDEO IN)
● VIDEO IN	Video input connector: Pin jack Audio input connector: Pin jack (x2) (shared with S VIDEO IN)
● OUTPUT	Monitor output connector*5: Mini D-sub 15-pin (female) Audio output connector*6: Stereo mini jack (variable out)
● REMOTE	RS-232C connector: D-sub 9-pin (female)
● LAN	RJ-45, 10BASE-T/100BASE-TX
● IR (Control S)	Control S input connector: Stereo mini jack

Acoustic noise	
● Lamp mode: Standard	36 dB

Operating temperature / Operating humidity	
● Operating temperature / Operating humidity	0°C to 40°C (32°F to 104°F) / 35% to 85% (no condensation)

Storage temperature / Storage humidity	
● Storage temperature / Storage humidity	-20°C to +60°C (-4°F to +140°F) / 10% to 90% (no condensation)

Power requirements	
● Power requirements	AC 100 V to 240 V, 3.3 A to 1.3 A, 50/60 Hz

Power consumption	
● AC 100 V to 120 V	Lamp mode: High: 450 W
● AC 100 V to 120 V	Lamp mode: High: 430 W

Power Consumption (Standby Mode)	

● AC 100 V to 120 V	0.2 W (when "Standby mode" is set to "Low")
● AC 220 V to 240 V	0.3 W (when "Standby mode" is set to "Low")
Power Consumption (Networked Standby Mode)	
● AC 100 V to 120 V	11.0 W (LAN) (when "Standby Mode" is set to "Standard")
● AC 220 V to 240 V	12.0 W (LAN) (when "Standby Mode" is set to "Standard")
Standby Mode / Networked Standby Mode Activated	
● Standby Mode / Networked Standby Mode Activated	After about 10 Minutes
Heat dissipation	
● AC 100 V to 120 V	1536 BTU/h
● AC 220 V to 240 V	1467 BTU/h
Dimensions (W x H x D)	
● Dimensions (W x H x D) (without protrusions)	Approx. 390 x 134 x 463 mm (15 11/32 x 5 9/32 x 18 7/32 inches)
Mass	
● Mass	Approx. 8.1 kg (17 lb)
Supplied accessories	
● Remote commander	RM-PJ19
Optional accessories	
● Replacement lamp	LMP-F331
● Projection lenses	VPLL-Z2009/Z1024/Z1032/2007
● Projection lens adapter	PK-F30LA1
Notes	
● *1	With supplied standard lens
● *2	This figure is expected maintenance time, not guaranteed time. The actual value depends on the environment and how the projector is used.
● *3	The value is average.
● *4	Available for VESA Reduced Blanking signal.
● *5	From INPUT A and INPUT B.
● *6	Works as an audio switcher function. Output from a selected channel; not available in standby.

Accessories

Ceiling Brackets



PSS-610
Projector Ceiling Bracket for the VPL-F Series



PSS-650
Projector Ceiling Bracket for Installation



PSS-650P
Projector Ceiling Bracket for Installation

Lamps



LMP-F331
Replacement Lamp for the VPL-F Series

Lenses



VPLL-2007
Projection Lens for the VPL-F Series



VPLL-Z1024
Projection Lens for the VPL-F Series



VPLL-Z1032
Projection Lens for the VPL-F Series



VPLL-Z2009
Projection Lens for the VPL-F Series

Other Accessories



PK-F30LA1
Lens adaptor