SONY

VPL-FX35

5,000 lumens XGA 3LCD Installation projector

Overview

A 3LCD XGA installation projector with high brightness and low maintenance
Designed to fit into almost any situation that needs a high-quality projector, The VPL-FX35 is perfect for new installations and for updating older equipment

- **BrightEra Technology**

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

- **Very High Brightness**

  Very high brightness for a clearer image in high ambient light. Suitable for larger venues

- **Wide Zoom Range as standard**

  Standard lens has wide zoom capability for more flexibility over positioning of projector, which can 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

- **Interchangeable lenses**

  Chose different lenses for increased flexibility

- **Long Lamp Replacement Time**

Fewer visits by maintenance personnel because of longer lamp replacement time

- **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

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Features

- 3 LCD XGA BrightEra Panel

- Very high brightness: 5,000Ansi Lumens

- Standard Lens has wide Manual Zoom (x1.6) and Throw Ratio (1.4 to 2.3)

- Interchangeable Optional Lenses: Z1024, Z1032

- Wide lens shift range: Vertical: +50%, Horizontal: +/- 33%

- Long lamp replacement time: 3000-4000 hours (High/Std)

- 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

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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	275 W type

Recommended lamp replacement time*1

● Lamp mode: High	3000 H
● Lamp mode: Standard	4000 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	5000 lm
● Lamp mode: Standard	4000 lm

Color light output

● Lamp mode: High	5000 lm
● Lamp mode: Standard	4000 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	31 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, 3.8 A to 1.6 A, 50/60 Hz

Power consumption

● AC 100 V to 120 V	Lamp mode: High: 380 W
● AC 100 V to 120 V	Lamp mode: High: 360 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	1297 BTU/h
● AC 220 V to 240 V	1228 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. 8.0 kg (17 lb)

Supplied accessories	
● Remote commander	RM-PJ19

Optional accessories	
● Replacement lamp	LMP-F272
● 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.

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Accessories

Ceiling Brackets

PSS-610

Projector Ceiling Bracket for the VPL-F Series

Lamps

LMP-F272

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

Features and specifications are subject to change without notice. The values for mass and dimension are approximate.

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