

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 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

Interchangeable lenses

Choose 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

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

Specifications

Display system

Display system	3 LCD system
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Display device

Size of effective display area	0.79 inches (20.1 mm) x 3 BrightEra LCD Panel, Aspect ratio: 4:3
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Number of pixels	2,359,296 (1024 x 768 x 3) pixels
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Projection lens*1

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

Type	Ultra high pressure mercury lamp
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Wattage	275 W type
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Recommended lamp replacement time*1

Lamp mode: High	3000 H
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Lamp mode: Standard	4000 H
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Filter cleaning / replacement cycle (Max.)*2

Filter cleaning / replacement cycle (Max.)	15000 H (cleaning) Same as the lamp replacement is recommended
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Screen size*1

Screen size	40" to 600" (1.02 m to 15.24 m) (measured diagonally)
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Light output

Lamp mode: High	5000 lm
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Lamp mode: Standard	4000 lm
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Color light output

Lamp mode: High	5000 lm
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Lamp mode: Standard	4000 lm
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Contrast ratio (full white / full black)*3

Contrast ratio (full white / full black)*3	2000:1
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Displayable scanning frequency

Horizontal	14 kHz to 93 kHz
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Vertical	47 Hz to 93 Hz
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Display resolution

Computer signal input	Maximum display resolution: 1920 x 1200 dots *4
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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
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Color system

Color system	NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60
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Keystone correction (Max.)

Vertical	+/- 30 degrees
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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)
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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
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Operating temperature / Operating humidity

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

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

Power requirements	AC 100 V to 240 V, 3.8 A to 1.6 A, 50/60 Hz
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Power consumption

AC 100 V to 120 V	Lamp mode: High: 380 W
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AC 100 V to 120 V	Lamp mode: High: 360 W
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Power Consumption (Standby Mode)

AC 100 V to 120 V	0.2 W (when "Standby mode" is set to "Low")
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AC 220 V to 240 V	0.3 W (when "Standby mode" is set to "Low")
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Power Consumption (Networked Standby Mode)

AC 100 V to 120 V	11.0 W (LAN) (when "Standby Mode" is set to "Standard")
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AC 220 V to 240 V	12.0 W (LAN) (when "Standby Mode" is set to "Standard")
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Standby Mode / Networked Standby Mode Activated

Standby Mode / Networked Standby Mode Activated	After about 10 Minutes
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Heat dissipation

AC 100 V to 120 V	1297 BTU/h
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AC 220 V to 240 V	1228 BTU/h
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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)
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Mass

Mass	Approx. 8.0 kg (17 lb)
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Supplied accessories

Remote commander	RM-PJ19
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Optional accessories

Replacement lamp	LMP-F272
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Projection lenses	VPLL-Z2009/Z1024/Z1032/2007
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Optional accessories

Projection lens adapter	PK-F30LA1
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Notes

*1	With supplied standard lens
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*2	This figure is expected maintenance time, not guaranteed time. The actual value depends on the environment and how the projector is used.
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*3	The value is average.
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*4	Available for VESA Reduced Blanking signal.
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*5	From INPUT A and INPUT B.
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*6	Works as an audio switcher function. Output from a selected channel; not available in standby.
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Environmental notice for customers in the USA	Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or see www.sony.com/mercury for additional information.
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