SONY

VPL-SX226

2,800 lumens XGA Short Throw data projector

Overview

Deliver Powerful Presentation with an interactive white board
The wall-mountable short throw projector VPL-SX226 is suitable for using a projector with a white board. A Short Throw distance of 75cm for an 80″ screen is good for limited space in a classroom. The teacher can be free from the projector's glare and able to easily teach their students. By using this projector with an interactive white board the initial costs can be reduced.

This projector has a long-lasting lamp of 10,000 hours. The Unique lamp dimming function by Sony reduces the lamp power usage and lamp power consumption. It's low TCO and usability means the user can enjoy bright images for a much longer time.

VPL-SX236 is a colourful and bright projector. Thanks to the 3LCD Sony "BrightEra™", the picture is colourful and the images are bright. And it also has vivid 2,800 lumen with XGA resolution. These specs are best for a classroom environment. It's easier for all of the students to see with this big screen size.

Smart Connection with PC, Tablet and smartphone is also supported. The wireless presentation capability makes it simple to present files from your PC or smart phone/tablet.

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Features

- **Short throw distance**

  The projector's short focal length lens allows a 80 inches (diagonal screen size) image to be projected from a distance of only 75cm from the screen. The presenter is not distracted by the projected image, and it's easier for the audience to see the projected image as on screen shadows from the presenter are minimised.

- **Energy efficient with 10,000 hours long-lasting lamp**

  High performance lamp technology offers reduced ownership costs plus reduced maintenance, with a lamp replacement time of approx. 10,000 hours (with brightness in low mode).

- **Advanced energy-saving features**

  Advanced lamp technology enables a range of energy-saving features. Auto Light Dimming mode saves energy when the projector is left on without being used. Auto Picture Mode automatically adjusts light output to suit the projected scene. Touching a button on the remote mutes the picture temporarily, dramatically reducing power consumption.

- **Low TCO**

  The unique lamp dimming function reduces lamp power usage and lamp power consumption. Its low total cost of ownership (TCO) and usability lets you enjoy bright images for a much longer time.

- **ECO mode key**

  Just touch the ECO MODE key on the projector or supplied Remote Commander™ to instantly access energy-saving settings.

- **3LCD BrightEra™ technology**

  The efficient 3LCD panel system is enhanced by advanced BrightEra™ technology by Sony. You'll see the difference with impressively bright, consistent, high resolution images with excellent colour accuracy and impressive reliability.

- **Bright, clear images with maximum 2,800 lumens colour light output**

  With a 2,800 lumen maximum light output (in high mode), the VPL-SX226 delivers crisp, bright presentations that can be seen clearly in classrooms or meeting rooms. There's a choice of three brightness modes to suit any environment, from bright daylight to darkened rooms.

- **Choice of Picture Modes**

  Six available picture modes ensure optimum image quality with any input source: Dynamic, Standard, Presentation, Blackboard, etc. Combined with a choice of three brightness modes, users can select the most suitable setting to suit any picture source and presentation environment.

- **Networked presentations**

  Project presentations from a networked PC or Mac. Present JPEG, PDF and other files wirelessly from a tablet or smartphone. Up to four users can project PC/Mac images simultaneously, while up to eight users can connect to one projector. The Projector Station for Network Presentation application for Windows/Mac is included. For tablet/smartphone use, an application is provided by Pixelworks, downloaded from the web. For details visit http://PWPresenter.pixelworks.com

- **Control and management from any networked PC**

  Projector functions and status can be managed and monitored remotely from any networked PC, using the included Projector Station for Network Control application.

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- **Present wirelessly**

  Make presentations wirelessly from a portable or handheld device. (Microsoft Windows / Macintosh OS requires Projector Station for Network Presentation application. iOS / Android requires VueMagic application.)

- **Remote Control for iPhone/iPad/Android phone**

  Download the free Projector Remote app and control the projector from anywhere in the room with your handheld device, with simple easy-to-read buttons on your phone or tablet.

- **USB media viewer**

  Slip in a USB drive and display photos, images and graphics with no PC needed.

- **USB display for easy one-cable PC connection**

  Present pictures and audio* from a connected PC or Mac with just one USB cable you don't even need to install a software driver.
  * There may be a time lag between video and audio. For low-latency applications it is recommended to use projector's line-in or HDMI-in connection.

- **Customised input labels**

  Define your own input labels like 'BD Player', 'PC' and 'Document Camera', making it easier to see on screen what devices are connected and being used.

- **Stylish blend-in design**

  The projector's smart, contemporary looks fit discreetly into any classroom, training suite or meeting room.

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Technical Specifications

Display System

● Display System	3 LCD system

Display device

● Size of effective display area	0.63" (16.0 mm) x 3 BrightEra LCD Panel, Aspect ratio: 4:3
● Number of pixels	2,359,296 (1024 x 768 x 3) pixels

Projection lens

● Focus	Manual
● Throw Ratio	0.46:1

Light source

● Type	Ultra high pressure mercury lamp
● Wattage	210 W type

Recommended lamp replacement time *1

● Lamp mode: High	4000 H
● Lamp mode: Standard	6000 H
● Lamp mode: Low	10000 H

Filter cleaning / replacement cycle (Max.) *1

● Filter cleaning / replacement cycle (Max.)	Maximum 7000 H (cleaning)

Screen size

● Screen size	60" to 110" (1.52 m to 2.79m) (measured diagonally)

Light output

● Lamp mode: High	2800 lm
● Lamp mode: Standard	2000 lm
● Lamp mode: Low	1600 lm

Color light output

● Lamp mode: High	2800 lm
● Lamp mode: Standard	2000 lm
● Lamp mode: Low	1600 lm

Contrast ratio (full white / full black) *2

● Contrast ratio (full white / full black)	3000:1

Speaker

● Speaker	16 W x 1 (monaural)

Displayable scanning frequency

● Horizontal	15 kHz to 92 kHz
● Vertical	48 Hz to 92 Hz

Display resolution

● Computer signal input	Maximum display resolution: UXGA 1600 x 1200 dots*3
● Video signal input	NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, The following items are available for digital signal (HDMI input) only;1080/60p,1080/50p

Color system

● Color system	NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N

Keystone correction (Max.)

● Vertical	+/- 7.5 degrees

OSD language

● OSD language	24-languages (English, Dutch, French, Italian, German, Spanish, Portuguese, Turkish, Polish, Russian, Swedish, Norwegian, Japanese, Simplified Chinese, Traditional Chinese, Korean, Thai, Vietnamese, Arabic, Farci, Finnish, Indonesian, Hungarian, Greek)

INPUT OUTPUT (Computer/Video/Control)

● INPUT A	RGB / Y PB PR input connector: Mini D-sub 15-pin (female) Audio input connector: Streo mini jack
● INPUT B	RGB input connector: Mini D-sub 15-pin (female) Audio input connector: Stereo mini jack
● INPUT C	HDMI input connector: HDMI 19-pin, HDCP support
● 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*4: Mini D-sub 15-pin (female) Audio output connector*5: Stereo mini jack (variable out)
● REMOTE	RS-232C connector: D-sub 9-pin (male)
● LAN	RJ-45, 10BASE-T/100BASE-TX
● USB	Type-A
● USB	Type-B
● MICROPHONE IN	Microphone input: Mini jack

Acoustic noise

● Lamp mode: Low	30 dB

Operating temperature / Operating humidity

● Operating temperature / Operating humidity	0°C to 40°C (32°F to 104°F) / 20% to 80% (no condensation)

Storage temperature / Storage humidity

● Storage temperature / Storage humidity	-10°C to +60°C (14°F to +140°F) / 20% to 80% (no condensation)

Power requirements

● Power requirements	AC 100 V to 240 V 3.2 A to 1.3 A, 50/60 Hz

Power consumption

● AC 100 V to 120 V	Lamp mode : High : 305 W
● AC 220 V to 240 V	Lamp mode : High : 294 W

Power Consumption (Standby Mode)

● AC 100 V to 120 V	0.5 W (when "Standby mode" is set to "Low")
● AC 220 V to 240 V	0.5 W (when "Standby mode" is set to "Low")

Power Consumption (Networked Standby Mode)

● AC 100 V to 120 V	5.0W (LAN) 5.6W (optional WLAN module) 5.8W (ALL Terminals and Networks Connected, when "Standby Mode" is set to "Standard")
● AC 220 V to 240 V	5.3W (LAN) 5.9W (optional WLAN module) 6.0W (ALL Terminals and Networks Connected, when "Standby Mode" is set to "Standard")

Standby Mode / Networked Standby Mode Activated

● Standby Mode / Networked Standby Mode Activated	After about 10 Minutes

Wireless Network(s) On/Off Switch

● Wireless Network(s) On/Off Switch	1) Press the MENU button, then select [Connection/Power] 2) [WLAN Settings] 3) [WLAN Connection] 4) Select On or Off

Heat dissipation

● AC 100 V to 120 V	1041 BTU/h
● AC 220 V to 240 V	1004 BTU/h

Dimensions (W x H x D)

● Dimensions (W x H x D) (without protrusions)	Approx. 365 x 138.7 x 310 mm (14 3/8 x 5 15/32 x 12 7/32 inches)

Mass

● Mass	Approx. 4.4 kg (9 lb)

Supplied accessories

● Remote commander	RM-PJ8

Optional Accessories

● Replacement lamp	LMP-E212
● Wireless LAN module	IFU-WLM3

Notes

●	*1	This figure is expected maintenance time, not guaranteed time. The actual value depends on the environment and how the projector is used.
●	*2	The value is average.
●	*3	Available for VESA Reduced Blanking signal.
●	*4	From INPUT A and INPUT B.
●	*5	Works as an audio switcher function.

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Accessories

Ceiling Brackets

PAM-210

Projector Ceiling Mount for Installation Projector

Wireless TX/RX Accessories

IFU-WLM3

USB wireless LAN module

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

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