

# VPL-SW536 and VPL-SW536C\* projectors for education

Ultra short throw  
projectors for schools  
with 3100 lumens  
colour light output and  
WXGA resolution



## Key Feature

### VPL-SW536C

**Enhance classroom engagement with rich interactive functions**

The VPL-SW536C comes supplied with dual interactive pens and an interactive PC courseware suite. These allow teacher and pupil to simultaneously sketch, draw and collaborate on screen in real time.

Easily create and manipulate a huge range of 2D and 3D objects plus graphs, charts and formulae. Transform hand-written notes to text. Even create on-screen quizzes and video conference with other sites.

See 'enhance your student/teacher engagement' (overleaf) for further details.

**Deliver even more effective presentations with these ultra short throw projectors. Smart, energy-efficient and wireless ready, the VPL-SW536C and VPL-SW536 are designed to enrich student engagement in today's classrooms. Sharing all the functions of the VPL-SW536, the VPL-SW536C adds dual-pen interactivity plus a wide range of powerful, easy-to-use features that allow teacher and pupil to sketch, draw and collaborate in front of the class.**

Ideal for small to mid-sized rooms, both wall-mounting projectors throw crisp, easy to see images onto a screen, wall or whiteboard. And since the projector is positioned extremely close to the screen, there's less glare to distract the teacher or their audience.

Students can enjoy clear, high contrast WXGA images with excellent colour stability. BrightEra™ 3LCD inorganic panel technology by Sony also delivers excellent efficiency plus enhanced durability for reliable operation in busy educational environments.

Both projectors offer a wide range of smart energy-saving features built in. And with extended lamp life up to 6,000 hours, downtime and maintenance costs are minimised.

Easy to install with plenty of interfaces for connection with other devices, the VPL-SW536C and VPL-SW536 integrate seamlessly with school or office networks. Adding an optional Wi-Fi module lets students and teachers wirelessly share homework, images and graphics from devices like PCs, smartphones and tablets.

\* VPL-SW536C with dual pen interactivity and supplied interactive courseware suite (for PC)

## Other features

### Clear, bright images with maximum 3100 lumens colour light output

Enjoy brilliant images in any classroom or meeting room. Choose from three brightness modes to suit any environment, from bright daylight to darkened rooms.

### WXGA resolution for detail-packed presentations

WXGA (1280 x 800) resolution gives lots of crisp, fine detail: perfect for making presentations direct from a laptop or PC.

### 3LCD BrightEra™ Technology

The projector's efficient 3LCD panel system is enhanced by advanced BrightEra™ technology by Sony. You'll see the difference with impressively bright, high resolution images and increased panel reliability.

### Optimised pictures with any source

Enjoy optimised picture quality with any source material. A choice of six Picture Modes (Dynamic, Standard, Game, Blackboard, Cinema and Presentation) can be combined with three brightness modes to suit virtually any presentation requirement.

### Get closer with Digital Zoom

Instantly magnify a selected portion of the screen by up to 4x for a really close-up view of images from a connected PC.

### View image files straight from USB

Insert in a USB drive to effortlessly display photos, images and graphics with no PC needed.

### Wireless ready for simple classroom sharing

Add the optional IFU-WLM3 USB wireless module and connect the projector with other devices in the classroom, from PCs to smartphones or tablets.

### Deliver networked presentations from any PC

It's easy to project presentations from a network-connected PC, either wirelessly (with optional Wi-Fi module) or via a LAN cable. Projector functions and status can also be monitored and managed remotely from any teacher's PC on the network.

### Clear, rich audio from built-in speaker

There's no need to add an extra audio system: enjoy rich, room-filling sound from the powerful 16W speaker.

### Audio switcher facility

The projector can select between two audio sources, routing them via a variable audio output to the room amplification system.

### Quick, easy, automatic input detection

The projector automatically switches to the correct input, simplifying set-up and saving time.

### Easy to install

Adjustable optical zoom and lens shift simplify speedy, fuss-free installation in any classroom. Generous connections simplify hook-ups with PCs, DVD players, microphones and other AV devices.

### Up to 6000 hours lamp life for reduced maintenance and minimised down time

Teach for longer without interruption, with reduced maintenance needs contributing directly to lower lifetime ownership costs. Filter cleaning cycles are synchronised with lamp replacement, cutting scheduled maintenance visits even further.

### Save energy at the touch of a button

Just push the ECO MODE button on the projector or remote commander to instantly access a range of energy-saving settings.

### Auto Dimming

Projector brightness is gradually reduced automatically if there's no input signal, or after a pre-set time – cutting power consumption and saving energy bills.

### Auto Brightness

Lamp output power adjusts automatically depending on picture content, saving energy when dark scenes are being projected.

### Power Saving Picture Mute

Touch a button on the projector remote and the picture's muted instantly, reducing power consumption by 75%. Another touch and the projector's instantly powered back up to resume your presentation.

### Security that's built in

Your investment's protected with security measures including PIN code access and a tough anti-theft bar.

## PrimeSupport

All Sony Professional education projectors sold into the EU, Norway and Switzerland come supplied with a 3 Year projector and 3 year/3000 hour lamp cover PrimeSupport pack. This offers unique services and benefits over and above the standard warranty:

3 Year projector and 3 year/3000 hour PrimeSupport Cover

Freephone telephone helpdesk support (00 800 7898 7898) in 5 languages.

Collection, repair and return anywhere in EU, Norway and Switzerland.

In addition, optional PrimeSupport Plus packs can be purchased which can further enhance the 3 year support to give extra peace of mind:

- A 2 year extension of the standard 3 year PrimeSupport to give long-term assurance of expert support, technical assistance and repairs for 5 years from purchase date.
- Provision of a loan unit for 3 or 5 years cover to ensure minimal impact to the customer's business in case of product failure.

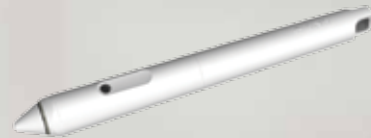


**Ideal for:**

- Primary and secondary schools
- Further/higher education colleges
- Training suites and meeting rooms

**VPL-SW536C**

## enhance your student/ teacher engagement



### **Enhance classroom engagement with rich interactive functions**

- Use pen to control ordinary PC mouse functions and annotate documents
- Use projection surface as interactive white board with rich range of drawing and object creation tools
- Instantly transform hand-written notes to text with handwriting recognition
- Create and manipulate 2D and 3D graphical objects
- Shape recognition automatically converts hand-drawn lines, circles and polygons to perfect objects
- Create and edit graphs, tables, pie charts and formulae
- Explore wide range of geometry tools including ruler, dividers, right angle set square and protractor
- Easily create interactive on-screen quizzes to maximise student engagement and recall
- Video conference with remote sites for rich, interactive distance learning
- Record screen and playback
- Auto or manual pen/screen calibration for quick, accurate set-up

## Specifications

		VPL-SW536 / VPL-SW536C
Display device	Display area	0.75" (15.0 mm) x 3, BrightEra, Aspect ratio: 16:10
	Number of pixels	3,072,000 (1280 x 800 x 3) pixels
Projection lens	Throw Ratio	0.27 ~ 0.29:1
	Optical Zoom	Manual
	Optical Zoom Ratio	X1.05
	Digital Zoom Ratio	X4
	Focus	Manual
	Lens Shift	Manual V: +/- 4% H: +/- 2%
Light source		Ultra High Pressure lamp 210 W type
Recommended lamp replacement time*1		3000 H / 4500H / 6000H (Lamp mode : High / Standard / Low)
Filter cleaning cycle*1		Max. 6000 H / Same time as the lamp replacement is recommended
Colour Light and White Light output		3100 lm / 2400 lm / 2000 lm (Lamp mode : High / Standard / Low)
Computer and video signal input/output	INPUT A	RGB / Y PB PR input connector: Mini D-sub-15 pin (female), Audio input connector: Stereo mini jack
	INPUT B	RGB input connector: Mini D-sub 15-pin (female), Audio input connector: Stereo mini jack
	INPUT C	HDMI (HDCP compatible) (Digital RGB/Y Pb Pr, Digital Audio)
	VIDEO IN	Video input connector: Pin jack
	S VIDEO IN	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) Output From Input A and Input B
	USB	With: Type A, Type B
	WIRELESS MICROPHONE	Optional YES (mini jack)
Control		RS-232C connector: D-sub 9-pin (male) LAN connector: RJ45, 10BASE-T/100BASE-TX
Screen size (approx.)		70" to 130"
Speaker		16W x1 (monaural)
Displayable scanning frequency	Horizontal	15 kHz to 92 kHz
	Vertical	48 Hz to 92 Hz
Display resolution	Computer signal input	Maximum input signal resolution: 1600 x 1200 <sup>3</sup> (UXGA) 1V:60Hz Panel display resolution: 1280 x 800 pixels
	Video signal input	Video (Composite), 15K (480/60i, 576/50i), DTV (480/60p, 575/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p)
Colour System		Auto / NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N
Keystone correction		Vertical: Max. +/- 5 degrees
OSD language		23-language (English, French, German, Italian, Spanish, Portuguese, Japanese, Chinese, Korean, Russian, Dutch, Norwegian, Swedish, Thai, Arabic, Turkish, Polish, Vietnamese, Farsi, Finnish, Indonesian, Hungary, Greek (VPL-SW536C Only))
Contrast ratio (full white/full black)*2		2500:1
Acoustic noise		35 dB / 32 dB / 28dB (Lamp mode: High / Standard / Low)

		VPL-SW536 / VPL-SW536C	
Operating temperature (Operating humidity)		0°C to 40°C / 32°F to 104°F (35% to 85% (no condensation))	
Storage temperature (Storage humidity)		-20°C to 60°C / -4°F to 140°F (10% to 90% (no condensation))	
Power requirement		AC 100 V to 240 V, 3.0-1.3A, 50Hz / 60Hz	
Power consumption	AC 100 V to 120 V	291W / 258W / 229W	292W / 261W / 232W
	AC 220 V to 240 V	282W / 249W / 221W	283W / 251W / 233W
Standby mode power consumption	AC 100 V to 120 V	5.7W / 0.5W (Standby mode: Standard / Low)	6.0W / 0.5W (Standby mode: Standard / Low)
	AC 220 V to 240 V	5.9W / 0.5W (Standby mode: Standard / Low)	6.2W / 0.5W (Standby mode: Standard / Low)
Heat dissipation	AC 100 V to 120 V	993 BTU	
	AC 220 V to 240 V	962 BTU	
Safety Regulations		UL, FCC, cUL, IC(LVD), CE(EMC), C-Tick, CCC (only for C1), CB, KC, GOST-R, SASO, KUCAS, PSB, SABS, NOM.	
Body Colour		White	
Standard outside dimensions		W 384.4 x H 122.5 x D 423.4 mm / W 15 1/8 x H 4 13/16 x D 16 21/32 in (without protrusion)	
Mass (Approx.)		6.9kg / 15lb 3oz (without Wall mount)	7.0kg / 15lb 7oz (Without Wall Mount)
Supplied Accessories		RM-PJ8 Remote Commander (1) Lithium battery: CR2025 (1) Wall Mount & Manual Operating Instructions: WW: CD-ROM(1) Software License (Paper) Quick Reference Manual (1) AC Power Cord (1) PrimeSupport Warranty Pack (1) Outside of box	
Documentations		Safety warning, WEEE, EU Battery info, Service	
Battery: Remote commander of the projector	Category	Battery Lithium	
	Type	CR2025	
	Weight of single battery (g)	Approx. 2.3g	
Optional Accessories	Number of batteries	1	
		Projector Lamp: LMP-E212 IFU-WLM3 - USB Wireless Module (IFU-PN200M, IFU-PN200S interactive Pens for VPL-SW536C Only)	

Sony cannot test all 3<sup>rd</sup> party software available in the market. Sony is not responsible for non-compatibility of any 3<sup>rd</sup> party software.

\*1: The figures are expected maintenance time and not guaranteed. They will depend on the environment or how the projector is used.

\*2: The value is average.

\*3: Available for the VESA Reduced Blanking Signal.

\*4: Not available in standby. From INPUT A and INPUT B.  
\*5: Works as audio switcher function. From current channel only. Not available in standby.

## Optional Accessories



**IFU-PN200M**  
Master Interactive Pen Device  
**IFU-PN200S**  
Sub Interactive Pen Device  
(For VPL-SW536C Only)



**LMP-E212**  
Projector Lamp  
(for replacement)



**IFU-WLM3**  
USB Wireless Module

For full features visit [www.pro.sony.eu/projectors](http://www.pro.sony.eu/projectors)

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