

S-Series ultra short throw projectors

Projectors for
education
and corporate
environments

VPL-SW631
VPL-SX631
VPL-SW636C



Key Features

3LCD colour light output, high brightness and high contrast ratio. 3,300 lumens brightness with native WXGA (1280 x 800) 16:10 widescreen screen resolution for the VPL-SW631 and VPL-SW636C, XGA (1024 x 768) 4:3 screen resolution for the VPL-SX631. These projectors have a contrast ratio of approximately 3000:1 full white/ full black.

Long-lasting lamp

10,000 hours in Low mode.

Wireless presentation with tablet

The wireless presentation capability makes it easy to present files from your tablet device or smart phone.

Interactive Presentation Utility Application and PC Less / Driver Less capabilities

Supplied with dual pen auto calibration interactivity and IPU2 software. For PC less or white board applications there's no need to install IPU2 software (VPL-SW636C Only)

Installation friendly

Using lens shift function, the position of the projected image can be moved vertically by -3.7% to +3.7%* and horizontally by -2.3% to +2.3% and x1.03 optical zoom for easy adjustment.

*Vertical lens shift function for VPL-SX631 - 3.1% to +3.1%



The S-Series ultra short throw projectors integrate seamlessly with school or office networks

Affordable ultra short throw projectors with 3,300 lumens brightness and optional wireless capabilities for education and corporate environments.

Thanks to 3LCD BrightEra™ panel technology by Sony, users can enjoy extremely bright, high contrast, XGA/ WXGA images with excellent colour stability. The S Series ultra short throw projectors powerful 3,300 lumens colour light output ensures that presentations are always seen clearly, even when ambient light levels are high. Easy to install with plenty of interfaces for connection with other devices, the VPL S Series integrates seamlessly with existing school or office networks for control and presentations.

Adding an optional Wi-Fi module lets users wirelessly share homework, images and graphics from devices like PCs, smartphones and iOS / Android tablets. In addition, extended lamp replacement time up to 10,000 hours allows for synchronised filter and lamp maintenance, reducing the product's downtime and minimising costs.

Features

Very bright, clear images with maximum 3,300 colour light output

The S Series high light output ensures that presentations are seen clearly in any classroom or meeting room. There's a choice of three brightness modes to suit any environment

High contrast ratio

The projector has a high contrast ratio of approximately 3000:1 full white/full black. This is the contrast ratio between the maximum white luminance and the minimum black luminance for the projection system.

Ultra Short throw ratio

The projector has a throw ratio of 0.27:1 (0.267-0.274:1) allowing the projector to be installed close to the screen.

XGA/WXGA resolution for detail-packed presentations

XGA (1024 x 768) / 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.

Up to 10,000 hours long-lasting lamp for reduced maintenance and down time

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

Advanced energy-saving features

Advanced lamp technology enables robust energy-saving features. For example, greater brightness control in Auto Light Dimming mode saves considerable energy when the projector is left on without being used. During projection, Auto Picture Mode automatically adjusts light output to suit the projected image. When you need to mute the picture temporarily, light output can be completely deactivated to minimise energy consumption.

Network presentation (LAN/Wireless LAN)

When the projector is installed on a LAN/Wireless LAN, presentations can be projected from any PC and Mac on the network. A tablet or smart phone can be connected at the same time. The wireless presentation capability makes it easy to present files from your tablet device or smart phone. You can project jpg, pdf and other supporting formats. Up to four users can project PC/Mac images simultaneously, while up to eight users can connect to one projector. For Windows/Mac, an application "Projector Station for Network Presentation" is provided. For tablet/smartphone, an application is provided by Pixelworks, downloaded from the web. For details, please visit the following website: <http://PWPresenter.pixelworks.com>

PC Less / Driver Less Interactive capabilities

Easy installation and easy to use, there's no need to install IPU2 software or connect to a PC for Interactive Dual Pens to be active. (VPL-SW636C Only)

Remote control for iOS device

Projector Remote is a simple remote control app for Sony's projectors. Networked projectors can be controlled by this remote app allowing you to operate the projector with simple and easy-to-read buttons.

Networked control

Projector functions and status can also be managed and monitored remotely from any user's PC on the network. For Windows, an application "Projector Station for Network Control" is provided.

USB Media viewer

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

USB display

The projector allows you to display pictures and audio¹ with one USB cable. There's no need to install any driver for this function, it's an easy and convenient way to connect.

Interactive Presentation

Utility application
Supplied with dual pen auto calibration interactivity and IPU2 software. (VPL-SW636C only)

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.

Easy to install

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

¹ There is a time lag in video and audio. When not in simple use, it is recommended to use Line-in or HDMI-in.

The S-Series
ultra short
throw projectors
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Specifications

		VPL-SX631	VPL-SW631	VPL-SW636C
Light output / color light output		3,300 lumens (High mode)		
Display device	Size of effective display area	0.63"(16 mm) x 3 BrightEra LCD Panel, Aspect ratio: 4:3		0.59" (15 mm) x 3 BrightEra LCD Panel, Aspect ratio 16:10
	Number of pixels	2,359,296 (1024x768 x 3) pixels		3,072,000 (1280x800 x 3) pixels
Contrast ratio (full white / full black) ^{*1}		3,000: 1		
Light source		UHP mercury Lamp 225 W type		
Recommended lamp replacement time ^{*2}		4,000 H (Hi) / 6,000 H (Std) / 10,000 H (Low)		
Filter cleaning cycle ^{*2}		Same time as the lamp replacement is recommended		
Projection lens - Zoom		Optional: Manual (Approx. x1.03)		
Projection lens - Focus		Manual		
Projection lens - Lens shift		Manual, Vertical: +/- 3.1% Horizontal: +/- 2.3%	Manual, Vertical: +/- 3.7% Horizontal: +/- 2.3%	
Projection lens - Throw ratio		0.27:1 (0.267 - 0.274:1)		
Keystone correction		Max. Vertical: +/- 5 degrees		Max. Vertical: +4/- 1 degrees
Acoustic noise		High 35dB / Standard 32dB / Low 28dB		
OSD language		27-languages (English, French, German, Italian Spanish, Portuguese, Japanese, Chinese, Traditional Chinese, Korean, Russian, Dutch, Norwegian, Swedish, Thai, Arabic, Turkish, Polish, Vietnamese, Farsi, Finnish, Indonesian, Hungarian, Greek, Czech, Slovakia, Romanian)		
		Computer and video 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 input connector: HDMI 19-pin, HDCP support, Audio input connector: HDMI audio support		
VIDEO IN		Video input connector: Phono jack		
S VIDEO IN		S Video input connector: Mini DIN 4-pin		
Monitor OUT		Monitor output connector: Mini D-sub 15-pin		
Audio OUT		Stereo mini		
Built in Interactive capability		-	-	Yes
Dual Pen		-	-	Yes
Auto Calibration		-	-	Yes
PC Free Interactive		-	-	Yes
Driver less		-	-	Yes
Display resolution	Computer signal input	Maximum display resolution: UXGA 1600 x 1200 dots*3		
	Video signal input	480/60i, 480/60p, 575/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p		
		Control signal input / output, Others		
RS-232C		D-sub 9-pin male		
LAN		RJ-45 10BASE-T / 100BASE-TX		
USB		Type-A, Type-B		
Microphone input		Mini jack		
Speaker		Speaker 16 W (monaural)		
Operating temperature (Operating humidity)		0°C to 40°C / 32°F to 104°F (20% to 80%; no condensation)		
Storage temperature (Storage humidity)		-10°C to +60°C / -4°F to +140°F (20% to 80%; no condensation)		
Power requirements		AC 100V to 240V. 3.3 A to 1.5 A, 50 Hz / 60 Hz		AC 100V to 240V. 3.5 A to 1.6 A, 50 Hz / 60 Hz
Power consumption (Hi / Std / Low) AC 100 V - 120 V		305 W / 261 W / 232 W	330 W / 261 W / 231 W	341 W / 274 W / 266 W
Power consumption (Hi / Std / Low) AC 220 V - 240 V		294 W / 252 W / 225 W	320 W / 252 W / 224 W	328 W / 245 W / 239 W
Power Consumption (Standby Mode)		0.5W (standby in Low)		
Network Standby (LAN/WLAN) mode power consumption (Std / Low) AC 100 V - 120 V		5.3 W / 5.9 W		
Network Standby (LAN/WLAN) mode power consumption (Std / Low) AC 220 V - 240 V		5.6 W / 6.2 W		
Heat dissipation AC 100 V to 120 V		1041 BTU	1126 BTU	1163 BTU
Heat dissipation AC 220 V to 240 V		1003 BTU	1092 BTU	1119 BTU
Outside dimensions (W x H x D)		Approx: 372 x 138 x 382mm (14 21/32 x 5 7/16 x 15 1/32 inches) (without protrusions)		
Mass		6.0kg (13 lb)		6.3kg (14 lb)
Supplied accessories		PSS-645 Wall Mount, RM-PJ8 Remote Commander (1), Lithium battery: CR2025 (1), AC Power Cord (1), Operating Instructions (CD-ROM) (1), Quick Reference Manual (1), Application Software (CD-ROM) (1), Warranty card (1), Safety Regulations/QRM (1), Security Label (1)		PSS-645 Wall Mount, RM-PJ8 Remote Commander (1), Lithium battery: CR2025 (1), AC Power Cord (1), 5m USB Cable (1), Operating Instructions (CD-ROM) (1), Quick Reference Manual (1), Application Software (CD-ROM) (1), Warranty card (1), Safety Regulations/QRM (1), Security Label (1)
Wireless module (WLAN)		IFU-WLM3 (optional)	IFU-WLM3 (optional)	IFU-WLM3 (optional)
Interactive Pens		-	-	IFU-PN250A (1), IFU-PN250B (1)
Replacement lamp		LMP-E220		

*1 This value is average.

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

*3 The figures are approximate. They vary depending on the environment or how the projector is.

For full features visit:

pro.sony.eu/ultra-short-throw

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