SONY

VPL-SW600 Series
VPL-SX600 Series

Ultra Short Throw Projectors

VPL-SW630C
VPL-SW620C
VPL-SW630
VPL-SW620
VPL-SX630

3LCD BrightEra™ HDMI

Sony's user-friendly Ultra Short Throw projectors make it easier for users to collaborate effectively

Sony introduced new 3LCD ultra short throw projectors VPL-SW600/SX600 Series, enhancing its education and corporation offering and bringing high quality, economical projection to the classroom and the meeting room. The VPL-SW600/SX600 Series projectors offer a longer lasting lamp time of 8,000 hours* and achieves outstanding picture quality through 2600 - 3200 lumens color brightness. Perfect for smaller classrooms and meeting rooms, the VPL-SW600/SX600 Series projectors can throw high-resolution images up to approximately 2m diagonal across onto a whiteboard, wall, or any white surface – from distances as close as 44cm of the VPL-SX630. The VPL-SW630C and VPL-SW620C models come with enhanced interactivity, including dual pen and auto calibration, as well as additional rich education tools, making it easier for students and teachers to collaborate effectively in the classroom. The VPL-SW600/SX600 Series models can be connected wirelessly via a PC (Windows or Mac) or tablet (iOS or Android).

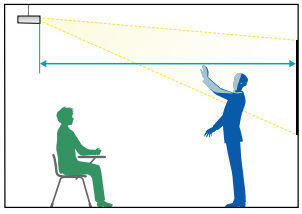
* Approximate recommended period, in low mode.

FEATURES

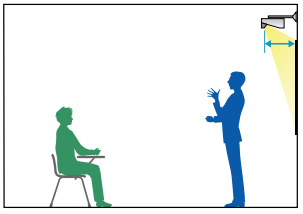
Installation Advantages

Ultra Short Throw Projection

Each projector is equipped with a short focal length lens, which makes it possible to project images from a shorter The VPL-SW600/SX600 Series projectors come equipped with an ultra short focal length lens, which makes it possible to project images from a very short distance. The presenter is not distracted by the projected image, and it's easier for the audience to see the projected image because shadow of the presenter on the screen is minimized.



With conventional models (Normal throw)



With the VPL-SW600/SX600 Series (Ultra Short throw)

And The VPL-SW600/SX600 Series enables variety of installation setting for many applications.

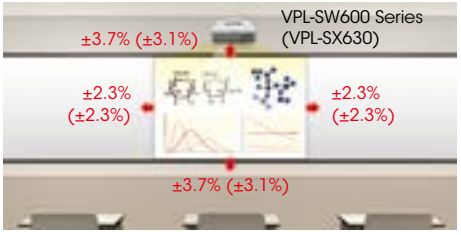
Wall-mounted type

Table-mounted type

Floor standing type

Fine Lens Shift/Lens zoom

The VPL-SW600/SX600 Series projectors are equipped with an optical zoom and lens shift capability. Using this function, the position of the projected image can be easily adjusted to the desired settings during installation. This greatly reduces the time and hassle of fine-tuning the image position without having to physically move the projector or sacrifice image quality. In addition, these projectors ship with an original wall mounting from Sony which allows adjustment of projector pitch, roll, and yaw.



Lens shift function

Simulated images

"Blend-in" Design

These projectors fit into any interior with their simple, stylish, and modern design.

High Image Quality

Natural and Vivid Color

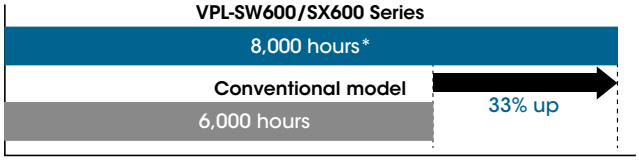
A 3LCD projection system enables each projector to present bright and natural images.
This is achieved by combining an advanced generation of inorganic LCD panels that utilize Sony's BrightEra™ technology with the 3LCD projection system.

Good TCO, Energy-efficient Design

Long-lasting Lamp

By incorporating a high-performance lamp and advanced lamp-control technology, these projectors deliver an extremely long lamp replacement time of 8,000 hours*.

* Approximate recommended period, in low mode.



Recommended lamp replacement time**
Lamp mode: low. Complies with IEC61947 standard.

* Usage condition example: 8 hours per day x 5 times per week x 5 years.
** The figures are the expected maintenance time and not guaranteed. They will depend on the environment or how the projector is used.

Lamp Dimming Function

After 10 seconds of a static signal feed, the lamp dims by approximately 15%. After a configurable set period of time this function dims the lamp to as low as approximately 30% of original brightness.

Lamp and Filter Synchronized Maintenance

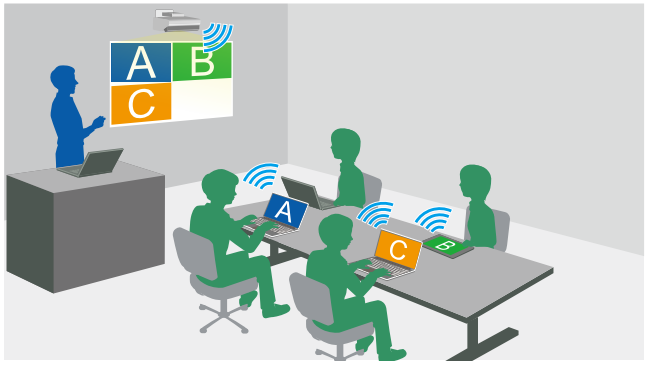
The expected lamp maintenance time for each model can reach up to 8,000 hours depending on the selected lamp mode, and dust filters require the same maintenance interval. Synchronizing the timing of lamp and filter maintenance enables users to reduce the numbers of "ladder climbs" for maintenance.

Advantage of Usage

Network Presentation

The wireless presentation capability makes it easy to present files from a tablet device or smartphone. Users can project JPG, PDF, and PowerPoint Files and other supported formats. Also, presentations can be projected from PC on the network. This requires a simple download.*1

*2 Up to eight users (seven for wireless) can connect to one projector.



Compatible Operating System: Windows, Mac, Android, iOS

Remote Control for iPhone/iPad

Projector Remote is a simple remote control app for Sony's projectors. Individual and networked projectors can be controlled by this remote app. Supported functions include Power On/Off, Input Select, Blank, Freeze, Muting, and Volume +/- Keys. This requires a simple download.*2

USB Media Viewer

By attaching a USB memory device* to the VPL-SW600/SX600 Series USB connector, users can directly project data files stored on a USB memory device, without requiring a PC.
Supported file formats are JPG, BMP, PNG, TIF, and GIF.

* USB memory device is not included.

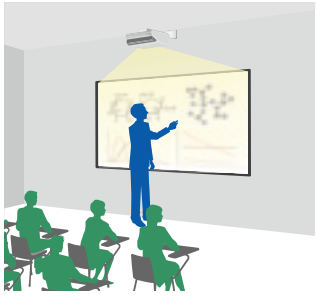
USB Display

Users can display pictures and audio* with one USB cable.
This is a convenient and easy way to connect to a projector.

* There is a time lag in video and audio.

Interactive Function

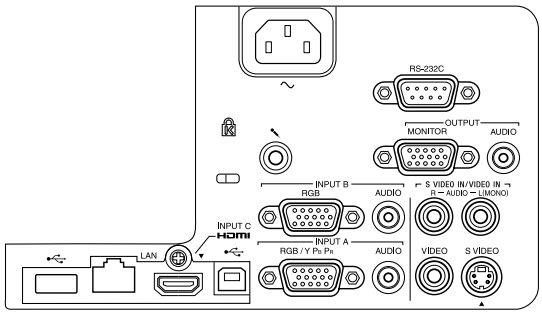
The Interactive function of the VPL-SW630C and VPL-SW620C allows presentation files to be controlled using an interactive pen. In addition, two users can draw concurrently on the projection surface using dual interactive pens.



File control by interactive pen

Dual-pen

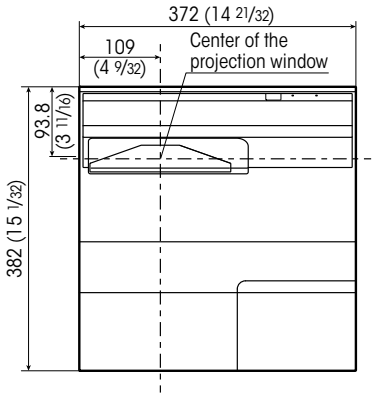
CONNECTOR PANELS



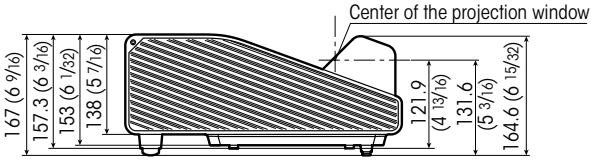
DIMENSIONS

Unit: mm (inches)

Top



Side



OPTIONAL ACCESSORIES

LMP-E220
Projector Lamp (for replacement)

IFU-PN250A
Interactive Pen Device (VPL-SW630C, VPL-SW620C only)

IFU-PN250B
Interactive Pen Device (VPL-SW630C, VPL-SW620C only)

IFU-WLM3
USB wireless LAN module

*1 Vue magic App
Scan the QR code. Download FREE today.
The application for tablet device and smartphone is provided by Pixelworks.
For details and to download, visit:
http://PWPresenter.pixelworks.com

*2 Projector Remote App
Scan the QR code. Download FREE today.

SPECIFICATIONS

		VPL-SW630C	VPL-SW620C	VPL-SW630	VPL-SW620	VPL-SX630
Display system		3 LCD system				
Display device	Size of effective display area	0.59" (15 mm) x 3 BrightEra Aspect ratio: 16:10				0.63" (16 mm) x 3 BrightEra Aspect ratio: 4:3
	Number of pixels	3,072,000 (1280 x 800 x 3) pixels				2,359,296 (1024 x 768 x 3) pixels
Projection lens	Zoom	Manual (Approx. x 1.03)				
	Focus	Manual				
	Lens shift	Manual, Vertical: +/- 3.7%, Horizontal: +/- 2.3%				Manual, Vertical: +/- 3.1%, Horizontal: +/- 2.3%
	Throw ratio	0.27:1				
Light source		Ultra high pressure mercury lamp 225 W type				
Recommended lamp replacement time*1		3000 H / 5000 H / 8000 H (Lamp mode: High / Standard / Low)				
Filter cleaning cycle*1		Same time as the lamp replacement is recommended				
Screen size		65" to 110" (1.65 m to 2.79 m)				70" to 115" (1.78 m to 2.92 m)
Light output (Lamp mode: High / Standard / Low)		3100 lm / 2300 lm*2 / 1900 lm*2	2600 lm / 2000 lm*2 / 1700 lm*2	3100 lm / 2300 lm*2 / 1900 lm*2	2600 lm / 2000 lm*2 / 1700 lm*2	3200 lm / 2600 lm*2 / 2100 lm*2
Color light output (Lamp mode: High / Standard / Low)		3100 lm / 2300 lm*2 / 1900 lm*2	2600 lm / 2000 lm*2 / 1700 lm*2	3100 lm / 2300 lm*2 / 1900 lm*2	2600 lm / 2000 lm*2 / 1700 lm*2	3200 lm / 2600 lm*2 / 2100 lm*2
Contrast ratio (full white / full black)*3		3000:1				
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*4				
		Panel display resolution: 1280 x 800 dots				Panel display resolution: 1024 x 768 dots
	Video signal input	NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p*7, 1080/50p*7				
Color system		NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N				
Keystone correction		Vertical: Max. +/- 5 degrees				
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, Farsi, Finnish, Indonesian, Hungarian, Greek)				
Computer and video signal input/output	INPUT A	RGB / Y P_B P_R 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				
	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)				
Control signal input/output, Others		RS-232C connector: D-sub 9-pin (male) LAN connector: RJ-45, 10BASE-T/100BASE-TX USB: Type-A, Type-B Microphone input: Mini jack				
Speaker		16 W x 1 (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 / 14°F to +140°F (20% to 80%; no condensation)				
Power requirements		AC 100 V to 240 V, 3.3 A to 1.5 A, 50 Hz / 60 Hz			AC 100 V to 240 V, 3.2 A to 1.4 A, 50 Hz / 60 Hz	
Power consumption (Lamp mode: High / Standard / Low)	AC 100 V to 120 V	328 W / 263 W*2 / 232 W*2	321 W / 263 W*2 / 232 W*2	323 W / 260 W*2 / 230 W*2	318 W / 260 W*2 / 230 W*2	318 W / 260 W*2 / 230 W*2
	AC 220 V to 240 V	316 W / 253 W*2 / 225 W*2	309 W / 253 W*2 / 225 W*2	311 W / 251 W*2 / 222 W*2	305 W / 251 W*2 / 222 W*2	306 W / 250 W*2 / 222 W*2
Standby mode power consumption (Standby mode: Standard / Low)	AC 100 V to 120 V	5.2 W / 0.5 W		5.1 W / 0.5 W		
	AC 220 V to 240 V	5.5 W / 0.5 W		5.4 W / 0.5 W		
Heat dissipation	AC 100 V to 120 V	1120 BTU	1096 BTU	1102 BTU	1085 BTU	
	AC 220 V to 240 V	1079 BTU	1055 BTU	1061 BTU	1041 BTU	1044 BTU
Outside dimensions		W 372 x H 138 x D 382 mm (W 14 21/32 x H 5 7/16 x D 15 1/32 inches) (without protrusions)				
Mass (without wall mount)		6.2 kg / 13 lb		6.0 kg / 13 lb		
Supplied accessories		RM-PJ8 Remote Commander (1), Lithium battery: CR2025 (1), AC Power Cord (1), Operation Instructions (CD-ROM) (1), Quick Reference Manual (1), Projector Station for Network Presentation application (CD-ROM) (1), Interactive pen device (2) (VPL-SW630C/620C only), Size AAA (R03) manganese batteries (4) (VPL-SW630C/620C only), USB A-B cable (5 m) (1) (VPL-SW630C/620C only), Interactive Presentation Utility 2 application (CD-ROM) (1) (VPL-SW630C/620C only)				
Replacement lamp		LMP-E220				
Replacement interactive pen device		IFU-PN250A, IFU-PN250B		–		

*1 The figures are the expected maintenance time and not guaranteed. They will depend on the environment or how the projector is used.
*2 The values are estimate. *3 This value is average. *4 Available for the VESA Reduced Blanking signal.
*5 Not available in standby. From INPUT A and INPUT B. *6 Works as an audio switcher function. Output from a selected channel; not available in standby.
*7 The following items are available for digital signal (HDMI input) only.

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