VPL-S Series
Data Projectors

SONY
make.believe

VPL-SW125

VPL-SX125

3LCD BrightEra™ HDMI

Short-throw Projection Minimizes Glare and Shadows
Low TCO, Eco-friendly Design & Easy Operation

Sony's VPL-S Series data projectors are extremely affordable and ideal for a number of different applications, especially in education and business. The VPL-SW125 offers 2,600 lumens brightness and wide screen projection with WXGA resolution, while the VPL-SX125 provides 2,500 lumens brightness and high image quality with XGA resolution. In addition, both of these models achieve large-screen projection from very short distances – each has a short focal-length lens which overcomes typical problems such as dazzling the presenter or obscuring the projected image with shadow. Designed to deliver a low total cost of ownership (TCO), these projectors also include eco-friendly features such as a long-lasting lamp design and low power consumption. These features combine with ease of use to make the VPL-S Series ideal for both the classroom and the meeting room.

FEATURES

Short Projection Distance

VPL-S Series projectors come equipped with a short focal-length lens, which makes it possible to project images from a short distance. For example, an 80-inch image can be projected from a distance of approximately 1.06 meters (3.48 feet) and 1.00 meters (3.28 feet) by the VPL-SW125 and VPL-SX125, respectively. The short projection distance has two key benefits. First, the presenter cannot be distracted by light from the projector, and it's easier for the audience to see the projected image because screen shadow is minimized. Second, sufficient meeting space is secured even in a relatively small room because the projector can be positioned close to the screen.

With conventional models (normal throw)
Caught in intense light, the presenter is temporarily dazzled. This is uncomfortable for everyone – the audience can't see the projected image obscured by his shadow.
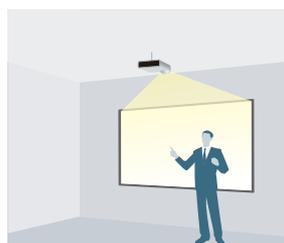
With the VPL-SW125 & VPL-SX125 (short throw)
Virtually all of the light is projected precisely where it should be – onto the screen, not into the presenter's eyes – and the presenter does not block the presentation.

With conventional models (normal throw)
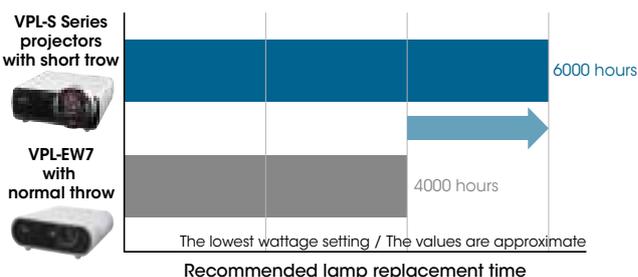A lot of space is wasted. Here the entire table needs to be clear or the image is partially obscured.

With the VPL-SW125 & VPL-SX125 (short throw)
The entire image is visible now that the projector is positioned closer to the screen.

### Cost-efficient, Energy-efficient Design

Long-lasting Lamp

By incorporating a high-performance lamp and advanced lamp-control technology, VPL-S Series projectors deliver an extremely long lamp replacement time of 6,000 hours.*

* Approximate recommended period, in low mode.

VPL-S Series projectors with short trow — 6000 hours

VPL-EW7 with normal throw — 4000 hours

The lowest wattage setting / The values are approximate

Recommended lamp replacement time

ECO MODE Key

With a single push of the ECO MODE key on either the projector or the supplied Remote Commander™ unit, users can switch to the ECO setting.

Projector

ECO MODE key

Remote Commander
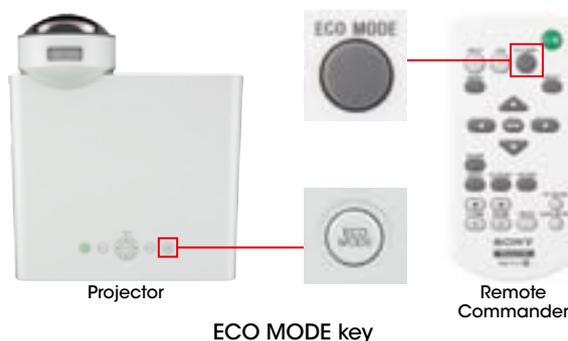
ECO setting

			ECO setting
Lamp Mode	High	Standard	Low
Power-saving Mode	Off	Lamp-Off	Standby
Standby Mode	Standard		Low

ECO MODE menu

Power-saving Mode
If no signal is input for ten minutes, the projector lamp automatically turns off.

Lamp and Filter Synchronized Maintenance
When it's time to clean the air filter, a reminder message is displayed on screen. Like the lamp, the air filter has an approximate 6,000-hour cleaning cycle. The filter only needs to be cleaned when the lamp is changed, saving maintenance effort and cost.

Low Power Consumption
The VPL-S Series offers remarkably low power consumption, allowing users to make significant savings on their electricity expenses.

High Picture Quality
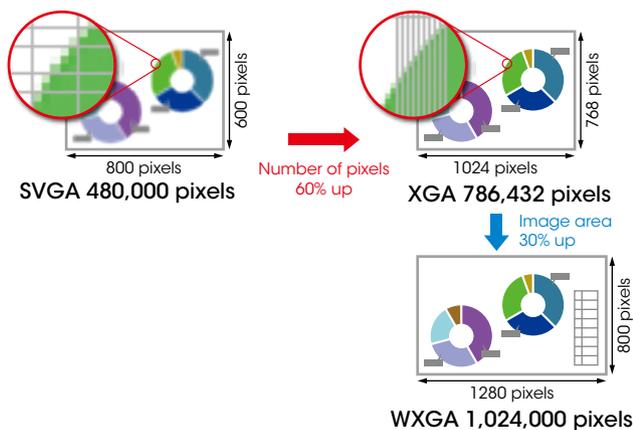
3LCD Projection Offers Brilliant Color Performance
The VPL-S Series adopts a 3LCD projection system incorporating three LCD panels. This system enables each projector to present bright and natural images.

High Picture Quality and Bright Images
By combining an advanced generation of inorganic LCD panels that utilize Sony's BrightEra™ technology with a 3LCD projection system, the VPL-SW125 and VPL-SX125 offer high picture quality and brightness.

WXGA/XGA Resolution
The VPL-SX125 offers native XGA resolution for high picture quality. XGA resolution of 1024 x 768 contains 60% more pixels compared to SVGA resolution of 800 x 600. As a result, XGA resolution delivers much greater detail and finer images. The VPL-SW125 can present dynamic images in native WXGA resolution on a widescreen. WXGA resolution allows projection in a wider display range compared to SVGA and XGA resolution. More information can be displayed on the screen.

SVGA 480,000 pixels — 800 pixels × 600 pixels
Number of pixels 60% up
XGA 786,432 pixels — 1024 pixels × 768 pixels
Image area 30% up
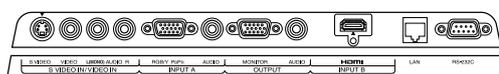WXGA 1,024,000 pixels — 1280 pixels × 800 pixels

12-bit 3D Gamma Correction
The VPL-S Series incorporates 12-bit 3D gamma correction circuitry to perform highly accurate gamma correction, achieving smoother gradations and a richer gray scale.

Dynamic Detail Enhancer
Sony's unique video-enhancing technology – Dynamic Detail Enhancer – is incorporated in the VPL-SW125 and VPL-SX125, generating optimized images depending on the type of input signal. There are three settings:
- Off
  Plays back interlace format without conversion
- Progressive mode
  For interlaced video sources, applies I/P (Interlace/Progressive) signal conversion to project clear and sharp progressive images
- Film mode
  When displaying film-originated sources converted by 2-3/2-2 pull-down, accurately reproduces each frame of the original film

HDMI Interface
The VPL-SW125 is equipped with a High-Definition Multimedia Interface™ (HDMI), which is the latest standard for digitally connecting to high-definition (HD) devices.

Easy-to-use Functions

Image Freeze
The Image Freeze function can display a freeze frame which allows the presenter to prepare or switch to the next image.

Off and Go
After the presentation, the VPL-S Series projector can be immediately moved.

Other Features

Auto Keystone Adjustment
Corrects any trapezoidal distortion automatically

Security Pack
Security lock, security bar, and panel key lock

Direct Power On/Off
Direct power control using the circuit breaker on the switch board

Closed Captioning
Official teletext broadcasting, developed by the NCI, USA

Network and Control
Controls and monitors projector status
Compatible with various control systems

Picture (Audio) Muting
Six Picture Modes
High Altitude Mode

CONNECTOR PANELS

VPL-SW125

S VIDEO VIDEO L/MONO/AUDIO R   RGB/Y Pb/Pr   AUDIO   MONITOR   AUDIO   HDMI   LAN   RS-232C
S VIDEO IN/VIDEO IN   INPUT A   OUTPUT   INPUT B

VPL-SX125

S VIDEO VIDEO L/MONO/AUDIO R   RGB/Y Pb/Pr   AUDIO   RGB   AUDIO   MONITOR   AUDIO   LAN   RS-232C
S VIDEO IN/VIDEO IN   INPUT A   INPUT B   OUTPUT
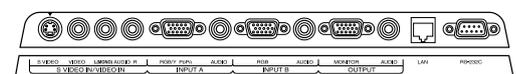
DIMENSIONS

Unit: mm (inches)

313.4 (12 11/32)
79.7 (3 1/8)
144.9 (5 23/32)
114.1 (4 1/2)
349.3 (13 3/4)
269 (10 19/32)

27.3 (1 1/16) 24.4 (31/32)
34 (1 11/32) Center of the lens
40.2 (1 19/32)
188 (7 13/32)
77 (3 1/32)
131.8 (5 3/16)
40.2 (1 19/32)
8.2 (5/16)
24.4 (31/32)
18.1 (23/32)
22.7 (29/32)
79.3 (3 1/8)
125.4 (4 15/16)
249 (9 13/16)
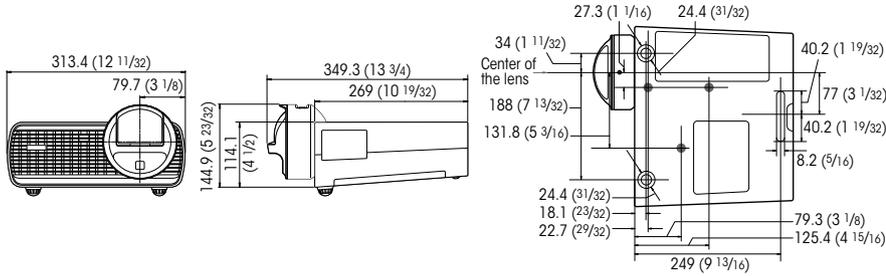
OPTIONAL ACCESSORY

LMP-E211
Projector Lamp (for replacement)

SPECIFICATIONS

		VPL-SW125	VPL-SX125
Display system		3 LCD system	
Display device	Size of effective display area	0.59" (15.0 mm) x 3, BrightEra, Aspect ratio: 16:10	0.63" (16.0 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	Focus	Manual	
Light source		Ultra High Pressure lamp 210 W type	
Recommended lamp replacement time*1		3000 H / 4500 H / 6000 H (Lamp mode: High / Standard / Low)	
Filter cleaning cycle (replacement)		Max. 6000 H*1 / Same time as the lamp replacement is recommended	
Screen size		50" to 100"	50" to 110"
Light output (Lamp mode: High / Standard / Low)		2600 lm / 1800 lm / 1400 lm	2500 lm / 1800 lm / 1400 lm
Color light output (Lamp mode: High / Standard / Low)		2600 lm / 1800 lm / 1400 lm	2500 lm / 1800 lm / 1400 lm
Contrast ratio (full white / full black)*2		3800:1	
Speaker		1 W x 1 (monaural)	
Displayable scanning frequency	Horizontal	19 kHz to 92 kHz	
	Vertical	48 Hz to 92 Hz	
Display resolution	Computer signal input	Maximum input signal resolution: 1400 x 1050 (resizing display) Panel display resolution: 1280 x 800 pixels	Maximum input signal resolution: 1400 x 1050 (resizing display) Panel display resolution: 1024 x 768 pixels
	Video signal input	NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i	
Color system		NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60	
Keystone correction		Vertical: Max. +/- 15 degrees*3	
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)	
Computer and video signal input/output	INPUT A	RGB / Y P_B P_R input connector: Mini D-sub15-pin (female), Audio input connector: Stereo mini jack	
	INPUT B	HDMI (HDCP-compatible)	RGB input connector: Mini D-sub 15-pin (female), Audio input connector: Stereo mini jack
	VIDEO IN	Video input connector: Pin jack, Audio input connector: Pin jack (x2) (shared with S VIDEO IN)	
	S VIDEO IN	S video input connector: Mini DIN 4-pin, Audio input connector: Pin jack (x2) (shared with VIDEO IN)	
	OUTPUT	Monitor output connector*4: Mini D-sub 15-pin (female), Audio output connector*5: Stereo mini jack (variable out)	
Control signal input/output		RS-232C connector: D-sub 9-pin (female), LAN connector: RJ45, 10BASE-T/100BASE-TX	
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, 3.0 A to 1.3 A, 50 Hz /60 Hz	
Power consumption	AC 100 V to 120 V	290 W / 240 W / 205 W	
	AC 220 V to 240 V	275 W / 225 W / 190 W	
Standby mode power consumption	AC 100 V to 120 V	3 W / <1.0 W (Standby mode: Standard / Low)	
	AC 220 V to 240 V	3 W / <1.0 W (Standby mode: Standard / Low)	
Heat dissipation	AC 100 V to 120 V	990 BTU	
	AC 220 V to 240 V	940 BTU	
Outside dimensions		W 313.4 x H 144.9 x D 349.3 mm (W 12 11/32 x H 5 23/32 x D 13 3/4 in) (without protrusion)	
Mass		3.7 kg (8 lb 3 oz)	
Supplied accessories		RM-PJ7 Remote Commander (1), Lithium battery: CR2025 (1), Mini D-sub 15-pin cable (1), Operating Instructions (CD-ROM) (1), Quick Reference Manual (1), AC Power Cord (1)	

*1 Expected maintenance times not guaranteed. Lamp and filter performance vary based on operating environment and use. *2 The value is average.
*3 Depends on resolution. *4 From Input A and Input B for VPL-SX125, from Input A only for VPL-SW125. *5 Works as an audio switcher function. From current channel only. Not available in standby.