

**SONY**  
make.believe



## VPL-SW526M/VPL-SW526CM

Ultra Short Throw Projectors

Sony exclusively by



BrightEra™

**HDMI**

# Deliver Powerful Presentations Even in the Most Limited Spaces with an Ultra-short-throw Projector

Sony's VPL-SW526M/VPL-SW526CM data projectors are ideal for education, training, corporate applications, and a range of other uses. Designed to add flexibility to classroom and business presentations, they achieve large-screen projection from very short distances, thanks to an ultra-powerful short-throw lens. This solves typical problems such as the presenter being distracted by the projected light, or blocking it during his or her presentation.

These powerful projectors also deliver installation flexibility with an optical zoom and lens shift capability. 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 include Sony's original wall mount (PSS-640) which allows adjustment of projector pitch, roll, and yaw. VPL-SW526M/VPL-SW526CM projectors are economically designed for optimum energy efficiency, thanks to their auto power-saving function, picture muting function with lamp control technology, long-lasting lamp, and low power consumption.

Additionally a variety of network functions such as Web Control and Network Presentation are available, with rich inputs and outputs to suit a broad range of applications.

Packing the most advanced projector technologies into a stylish design, VPL-SW526M/VPL-SW526CM projectors are an excellent choice, delivering a high brightness of up to 2,500 lumens\*<sup>1</sup> and high-quality images with WXGA resolution.

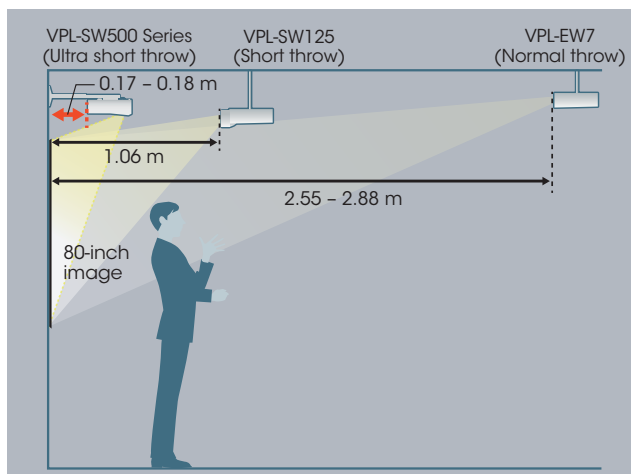
\*1 ISO 21118.

## FEATURES

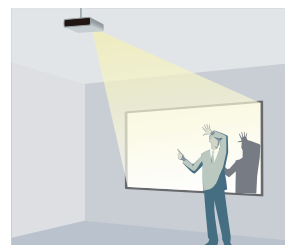
### Ultra-short Projection Distance

The VPL-SW526M/VPL-SW526CM projectors come equipped with an ultra-short focal length lens, which makes it possible to project images from a very short distance.

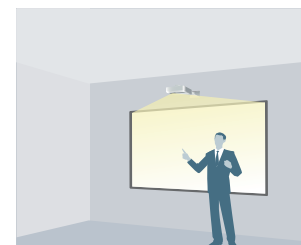
A short projection distance has two key benefits. The presenter will not be distracted by the projected image, and it's easier for the audience to see the projected image because screen shadow is minimized.



The values are approximate.



With conventional models (Normal throw)



With the VPL-SW526M/VPL-SW526CM (Ultra short throw)

## Interactive Function

The Interactive function of the VPL-SW526M 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

## Installation Advantages

The VPL-SW526M/VPL-SW526CM 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 mount from Sony which allows adjustment of projector pitch, roll, and yaw.



## "Blend-in" Design

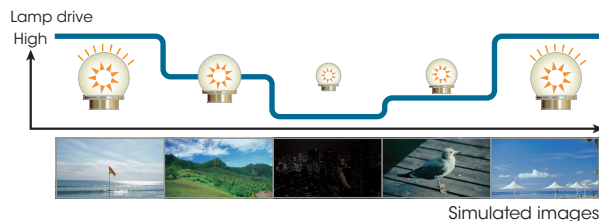
The VPL-SW526M/VPL-SW526CM projectors showcase a new low-profile chassis, so these projectors appear to blend into the ceiling or wall on which they are mounted.

## Good TCO, Energy-efficient Design

### Auto Power Saving Function

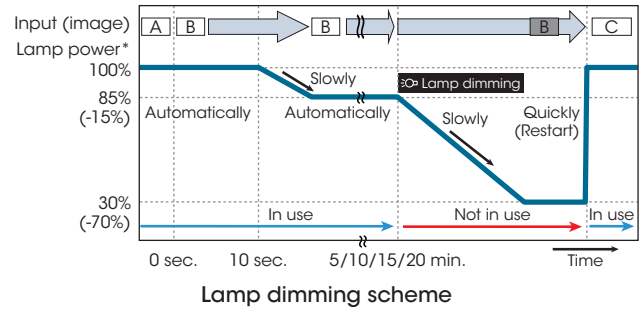
#### •Auto Mode (Auto Brightness Adjustment Function)

The brightness of the lamp's output is automatically adjusted depending on the brightness of the projected image, to avoid unnecessary power consumption. When showing darker images that don't require high brightness, lamp output decreases.



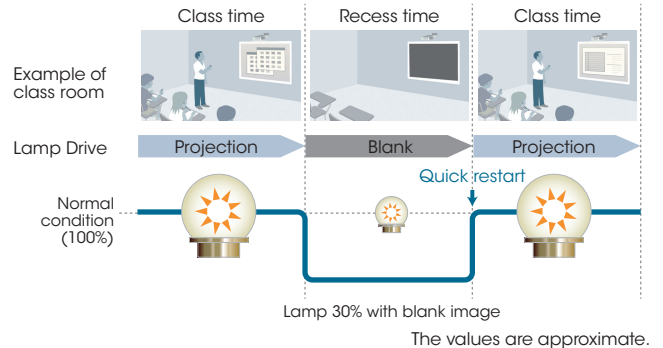
## •Lamp Dimming Function

The projectors are equipped with a lamp dimming function. After 10 seconds of a static signal feed, the lamp dims by approximate 15% which is hardly noticeable. If one of these projectors is left powered on while not in use, after a set period of time it will automatically detect no change of signal input and will dim the lamp to as low as approximate 30% of original brightness to significantly reduce energy consumption.



## •Blank (Picture Muting)

The VPL-SW526M/VPL-SW526CM projectors can temporarily disable video signal output. This function can be easily operated with just the touch of a button on the supplied Remote Commander™ unit. In addition, this function allows blank image projection with low power consumption using lamp control technology.



## Energy Saving Design

The VPL-SW526M/VPL-SW526CM projectors offer remarkably low power consumption, allowing users to make significant savings on their electricity expenses.

## ECO MODE Key

With a single push of the ECO MODE key on either the projector or the supplied Remote Commander unit, users can select an energy-saving setting from the ECO Mode menu.

## Long-lasting Lamp

By incorporating a high-performance lamp and advanced lamp-control technology, the VPL-SW526M/VPL-SW526CM projectors deliver an extremely long lamp replacement time of 6,000 hours.\*

\* Approximate recommended period, in low mode.

### Lamp and Filter Synchronized Maintenance

The expected lamp maintenance time for each model can reach up to 6,000 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.

### A Variety of Network Functions – Via LAN Cable or Wirelessly

#### Web Control

When VPL-SW526M/VPL-SW526CM projectors are installed in a local area network (LAN), their versatile network functions are available to any PC on that network. Installation can be via a LAN cable, and there is no need to install additional software on the PC.

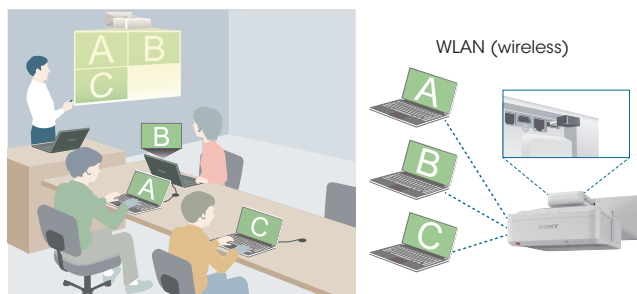
#### Network Presentation

When VPL-SW526M/VPL-SW526CM projectors are installed on a LAN, presentations can be projected from any PC on the network – whether connected via a LAN cable or wirelessly.\*1

\*1 The optional IFU-WLM3 is required.

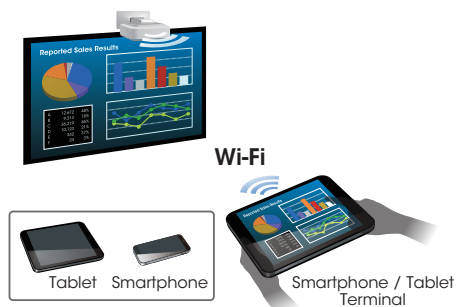
Up to four users can project PC images simultaneously;  
up to eight users\*\*2 can connect to one projector.

\*2 Up to seven users for wireless.



#### Tablet Device and Smart Phone Connection (wireless)

The wireless presentation capability makes it easy to present files from your tablet device or smart phone. You can project jpg, pdf, PowerPoint, and other supporting formats. This requires a simple software download.\*



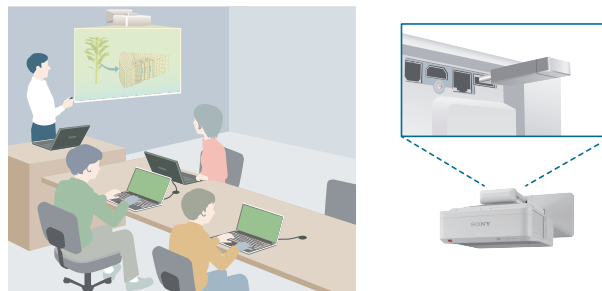
\* The application is provided by Pixelworks and will be able to be downloaded from App Store on the web. For details, please visit the following website.  
<http://PWPresenter.pixelworks.com>



### USB Media Viewer

By attaching a USB memory device\* to the VPL-SW526M/VPL-SW526CM USB connector, the operator can directly project data files stored on the USB memory device. Supported file formats are JPG, BMP, PNG, TIF, and GIF.

\* USB memory device is not included.



### Superb Picture Quality

#### Brilliant Color Performance

The VPL-SW526M/VPL-SW526CM projectors adopt a 3LCD projection system incorporating three LCD panels. This system enables each projector to present bright and natural images. By combining an advanced generation of inorganic LCD panels that utilize Sony's BrightEra™ technology with a 3LCD projection system, the VPL-SW526M/VPL-SW526CM projectors offer high picture quality and brightness.

#### 12-bit 3D Gamma Correction

The VPL-SW526M/VPL-SW526CM projectors incorporate 12-bit 3D gamma correction circuitry to perform highly accurate gamma correction, achieving smoother gradations and a richer gray scale.

#### Film mode

Smooth, high-quality images are reproduced using a high-performance processor for I/P conversion. Source signals suitable I/P conversion are processed automatically, and extremely accurate images are reproduced.

### Other Features

#### Multiple Inputs & Outputs

VPL-SW526M/VPL-SW526CM projectors include a high wattage speaker (16 W) and a variety of interfaces (2xRGB, HDMI, S-Video, RS-232C, RJ-45, USB Type-A, USB Type-B, and Microphone inputs) that accept a wide variety of inputs signals, greatly expanding system connection possibilities.

#### Closed Captioning

Official teletext broadcasting, developed by the NCI, USA

#### Network and Control

Controls and monitors projector status  
Compatible with various control systems



# SPECIFICATIONS

|                                                                  |                                | VPL-SW526CM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | VPL-SW526M            |
|------------------------------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Display system                                                   |                                | 3 LCD system                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |
| Display device                                                   | Size of effective display area | 0.75" (19 mm) x 3<br>BrightEra<br>Aspect ratio: 16:10                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |
|                                                                  | Number of pixels               | 3,072,000 (1280 x 800 x 3) pixels                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |
| Projection lens                                                  | Zoom                           | Optical: Manual (Approx. x 1.05), Digital: x4                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |
|                                                                  | Focus                          | Manual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |
|                                                                  | Lens shift                     | Manual, Vertical: +/- 4%, Horizontal: +/- 2%                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |
|                                                                  | Throw ratio                    | 0.27:1 to 0.29:1                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |
| Light source                                                     |                                | High-pressure mercury lamp 210 W type                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |
| Recommended lamp replacement time* <sup>1</sup>                  |                                | 3000 H / 4500 H / 6000 H (Lamp mode: High / Standard / Low)                                                                                                                                                                                                                                                                                                                                                                                                                                    |                       |
| Filter cleaning cycle* <sup>1</sup>                              |                                | Max. 6000 H, Same time as the lamp replacement is recommended                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |
| Screen size                                                      |                                | 70" to 130" (1.78 m to 3.30 m)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                       |
| Light output<br>(Lamp mode: High / Standard / Low)* <sup>6</sup> |                                | 2500 lm / 2100 lm / 1800 lm                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                       |
| Color light output<br>(Lamp mode: High / Standard / Low)         |                                | 2500 lm / 2100 lm / 1800 lm                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                       |
| Contrast ratio (full white / full black)* <sup>2</sup>           |                                | 2500:1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |
| 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* <sup>3</sup><br>Panel display resolution: 1280 x 800 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, 1080/50p                                                                                                                                                                                                                                                                                                                                                                                 |                       |
|                                                                  |                                | NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |
| Color system                                                     |                                | Max. Vertical: +/- 5 degrees                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |
| Keystone correction                                              |                                | 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 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)<br>Audio input connector: Stereo mini jack                                                                                                                                                                                                                                                                                                                                                                                                     |                       |
|                                                                  | INPUT C                        | HDMI input connector: HDMI 19-pin, HDCP support<br>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* <sup>4</sup> : Mini D-sub 15-pin (female), Audio output connector* <sup>5</sup> : Stereo mini jack (variable out)                                                                                                                                                                                                                                                                                                                                                    |                       |
|                                                                  |                                | RS-232C connector: D-sub 9-pin (male)<br>LAN connector: RJ-45, 10BASE-T/100BASE-TX<br>USB: Type-A, Type-B<br>Microphone input: Mini jack                                                                                                                                                                                                                                                                                                                                                       |                       |
| Control signal input/output                                      |                                | 16 W x 1 (monaural)                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |
| Speaker                                                          |                                | 32°F to 104°F / 0°C to 40°C (35% to 85%; no condensation)                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |
| Operating temperature (Operating humidity)                       |                                | -4°F to +140°F / -20°C to +60°C (10% to 90%)                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |
| Storage temperature (Storage humidity)                           |                                | AC 100 to 240 V,<br>3.0 A to 1.3 A, 50 Hz / 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |
| Power requirements                                               |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |
| Power consumption<br>(Lamp mode: High / Standard / Low)          | AC 100 V to 120 V              | 292 W / 261 W / 232 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 291 W / 258 W / 229 W |
|                                                                  | AC 220 V to 240 V              | 283 W / 251 W / 223 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 282 W / 249 W / 221 W |
| Standby mode power consumption (Standby mode: Standard / Low)    | AC 100 V to 120 V              | 6.0 W / 0.5 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5.7 W / 0.5 W         |
|                                                                  | AC 220 V to 240 V              | 6.2 W / 0.5 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5.9 W / 0.5 W         |
| Heat dissipation                                                 | AC 100 V to 120 V              | 996 BTU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 993 BTU               |
|                                                                  | AC 220 V to 240 V              | 965 BTU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 962 BTU               |
| Outside dimensions                                               |                                | W 15 1/8 x H 4 13/16 x D 16 21/32 inches (W 384.4 x H 122.5 x D 423.4 mm) (without protrusion)                                                                                                                                                                                                                                                                                                                                                                                                 |                       |
| Weight (without wall mount)                                      |                                | 15 lb 7 oz / 7.0 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |
| 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), Wall Mount (1), Wall Mount Manual (1), Interactive pen device (2) (VPL-SW526CM only), Size AAA (R03) manganese batteries (4) (VPL-SW526CM only), USB A-B cable (5 m) (1) (VPL-SW526CM only), Interactive Presentation Utility 2 application (CD-ROM) (1) (VPL-SW526CM only) |                       |
| Replacement lamp                                                 |                                | LMP-E212                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |
| Replacement Interactive pen device                               |                                | IFU-PN200M, IFU-PN200S                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                     |

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

\*<sup>2</sup> This value is average.

\*<sup>3</sup> Available for the VESA Reduced Blanking signal.

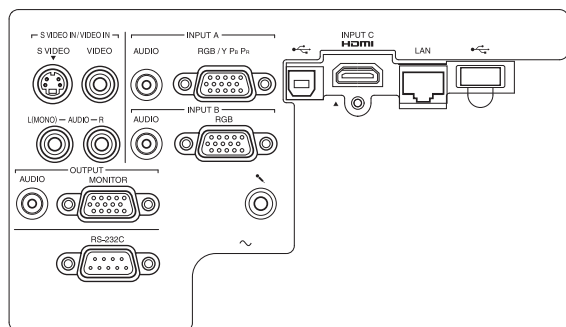
\*<sup>4</sup> Not available in standby. From INPUT A and INPUT B.

\*<sup>5</sup> Works as an audio switcher function. Output from a selected channel; not available in standby.

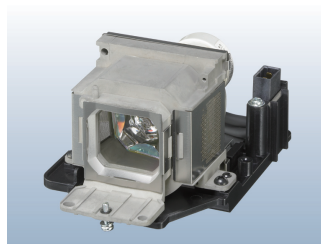
\*<sup>6</sup> ISO 21118.

## CONNECTOR PANELS

VPL-SW536CM / VPL-SW526M



## OPTIONAL ACCESSORIES



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



**IFU-PN200M**  
Interactive Pen Device  
(SW526CM only)



**IFU-PN200S**  
Interactive Pen Device  
(SW526CM only)

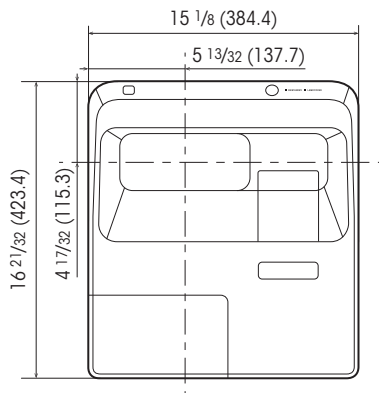


**IFU-WLM3**  
USB wireless LAN module

## DIMENSIONS

Unit: inches (mm)

Top



Side

