

VPL-SW630C

3,100 lumens WXGA Interactive Ultra Short Throw projector



Overview

Bright, high contrast widescreen projector with easy installation, environmentally friendly features ideal for mid size rooms, with optional wireless connectivity and PC based interactivity function. Thanks to 3LCD BrightEra™ panel technology by Sony, users can enjoy extremely bright, high contrast, widescreen WXGA images with excellent colour stability. The projector's powerful 3100 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-SW630C integrates seamlessly with school or office networks. Adding an optional Wi-Fi module lets users wirelessly share homework, images and graphics from devices like PCs, smartphones and tablets. There's a wide range of smart energy-saving features built in. In addition, extended lamp replacement time up to 8,000 hours allows for synchronised filter and lamp maintenance, reducing the product's downtime and minimising costs. Learning's made even smarter, more satisfying and collaborative with dual pen interactivity allowing teacher and pupil to write on screen simultaneously.

- **Long lasting lamp**

8000 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**

Supplied with dual pen auto calibration interactivity and IPU2 software.

- **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 x 1.03 optical zoom for easy adjustment.

Features

- **Extremely bright, clear images with maximum 3100 lumens colour light output**

The projector's 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, 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.

- **Up to 8000 hours long-lasting lamp for reduced maintenance and down time**

Teach 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 scene. 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>

- **Remote control for iOS device**

Projector Remote is simple remote control app for Sony's projectors. Networked projectors can be controlled by this remote app. Remote Control allows 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 audio* with one USB cable. You do not need to install any

driver for this function. It is a convenient way to connect to the projector when you want to connect easily.
* There is a time lag in video and audio. When not in simple use, it is recommended to use Line-in or HDMI-in.

- **Interactive Presentation Utility application**

Supplied with dual pen auto calibration interactivity and IPU2 software.

- **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. Generous connections simplify hook-ups with PCs, DVD players, microphones and other AV devices.

Technical Specifications

Display system	
● Display system	3 LCD system

Display device	
● Size of effective display area	0.59" (15.0 mm) x 3 BrightEra LCD Panel, Aspect ratio: 16:10
● Number of pixels	3,072,000 (1280 x 800 x 3) pixels

Projection lens	
● Focus	Manual
● Zoom - Powered/Manual	Manual
● Zoom - Ratio	Approx. x 1.03
● Throw Ratio	0.27:1 to 0.27:1
● Lens shift - Powered/Manual	Manual
● Lens shift - Range Vertical	+/- 3.7%
● Lens shift - Range Horizontal	+/- 2.3%

Light source	
● Type	Ultra high pressure mercury lamp
● Wattage	225 W type

Recommended lamp replacement time*1	
● Lamp mode: High	3000 H
● Lamp mode: Standard	5000 H
● Lamp mode: Low	8000 H

Filter cleaning / replacement cycle (Max.)*1	
● Filter cleaning / replacement cycle (Max.)	Same time as the lamp replacement is recommended

Screen size	
● Screen size	65" to 110" (1.65 m to 2.79 m) (measured diagonally)

Light output	
● Lamp mode: High	3100 lm
● Lamp mode: Standard	2300 lm
● Lamp mode: Low	1900 lm

Color light output	
● Lamp mode: High	3100 lm
● Lamp mode: Standard	2300 lm
● Lamp mode: Low	1900 lm

Contrast ratio (full white / full black)*2	
● Contrast ratio (full white / full black)	3000:1
Speaker	
● Speaker	16 W x 1 (monaural)
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*3
● Video signal input	NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, The following items are available for digital signal (HDMI input) only; 1080/60p, 1080/50p
Color system	
● Color system	NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N
Keystone correction (Max.)	
● Vertical	+/- 5 degrees
OSD language	
● 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)
INPUT OUTPUT (Computer/Video/Control)	
● 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
● 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*4: Mini D-sub 15-pin (female) Audio output connector*5: Stereo mini jack (variable out)
● REMOTE	RS-232C connector: D-sub 9-pin (male)
● LAN	RJ-45, 10BASE-T/100BASE-TX
● USB	Type-A
● USB	Type-B
● MICROPHONE IN	Microphone input: Mini Jack
Acoustic noise	
● Lamp mode: Low	28 dB
Operating temperature / Operating humidity	
● Operating temperature / Operating humidity	0°C to 40°C (32°F to 104°F) / 20% to 80% (no condensation)
Storage temperature / Storage humidity	

● Storage temperature / Storage humidity	-10°C to +60°C (14°F to +140°F) / 20% to 80% (no condensation)
Power requirements	
● Power requirements	AC 100 V to 240 V, 3.3 A to 1.5 A, 50 Hz / 60 Hz
Power consumption	
● AC 100 V to 120 V	Lamp mode: High: 328 W
● AC 100 V to 120 V	Lamp mode: High: 316 W
Power Consumption (Standby Mode)	
● AC 100 V to 120 V	0.5 W (when "Standby mode" is set to "Low")
● AC 220 V to 240 V	0.5 W (when "Standby mode" is set to "Low")
Power Consumption (Networked Standby Mode)	
● AC 100 V to 120 V	5.2 W (LAN) 5.7 W (optional WLAN module) 5.9 W (All Terminals and Networks Connected) (when "Standby Mode" is set to "Standard")
● AC 220 V to 240 V	5.5 W (LAN) 5.9 W (optional WLAN module) 6.2 W (All Terminals and Networks Connected) (when "Standby Mode" is set to "Standard")
Standby Mode / Networked Standby Mode Activated	
● Standby Mode / Networked Standby Mode Activated	After about 10 Minutes
Wireless Network(s) On/Off Switch	
● Wireless Network(s) On/Off Switch	1) Press the MENU button, then select [Connection/Power] 2) [WLAN Settings] 3) [WLAN Connection] 4) Select On or Off
Heat dissipation	
● AC 100 V to 120 V	1120 BTU/h
● AC 220 V to 240 V	1079 BTU/h
Dimensions (W x H x D)	
● Dimensions (W x H x D) (without protrusions)	Approx. 372 x 168 x 382 mm (14 21/32 x 5 7/16 x 15 1/32 inches)
Mass	
● Mass	Approx. 6.2 kg (13 lb)
Supplied accessories	
● Remote commander	RM-PJ8
Optional accessories	
● Replacement lamp	LMP-E220
● Wireless LAN Module	IFU-WLM3
● Interactive pen device	IFU-PN250A/IFU-PN250B
Notes	
● *1	This figure is expected maintenance time, not guaranteed time. The actual value depends on the environment and how the projector is used.
● *2	The value is average.

- *3 Available for VESA Reduced Blanking signal.
- *4 From INPUT A and INPUT B.
- *5 Works as an audio switcher function. Output from a selected channel; not available in standby.

Accessories

Ceiling Brackets



PSS-640
Projector suspension support

Lamps



LMP-E220
Replacement Lamp for the
VPL-S600 Series

Other Accessories



IFU-PN250A
Interactive pen device



IFU-PN250B
Interactive pen device



IFU-WLM3
USB wireless LAN module