SONY VPL-SW630C + PSS-640 PROJECTOR

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Product Code: VPL-SW630C + PSS-640

Price: R41,400.00

Description
SONY VPL-SW630C + PSS-640 PROJECTOR

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 Bright Era™ 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.

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 Bright Era™ technology

The projector’s efficient 3LCD panel system is enhanced by advanced Bright Era™ 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 Pixel works, downloaded from the web.

**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.

**Specifications:**

**Display system**

3 LCD system

**Display device**

**Size of effective display area**

0.59” (15.0 mm) x 3 Bright Era 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**

**Lamp mode: High**

3000 H

**Lamp mode: Standard**

5000 H

**Lamp mode: Low**

8000 H
Filter cleaning / replacement cycle (Max.)

Same time as the lamp replacement is recommended

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

Colour light output

Lamp mode: High

3100 lm

Lamp mode: Standard

2300 lm

Lamp mode: Low

1900 lm

Contrast ratio (full white / full black)*2

3000:1

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

**Colour system**

NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N

**Keystone correction (Max.)**

**Vertical**

+/- 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)

**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
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

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

After about 10 Minutes

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
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