



VPL-CX100

XGA, 2700 Lumens projector designed for a wide variety of applications and environments.

Rock solid performance with 2700lm of brightness



The VPL-CX100 is a high brightness projector with the flexibility to work where and how you want. Ideal for education, corporate and business use, it is suitable for ceiling or rear installation or portable use.

With its three 0.79" HTPS LCD panels, you can depend on the VPL-CX100's 2700 ANSI Lumens of brightness to always deliver a solid performance for clear, bright and crisp images in any environment.

Service & Support

The VPL-CX100 comes with 3-year support that offers more than a standard warranty. With PrimeSupport, you have the following valuable benefits:

- Multi-lingual helpdesk, where a fully trained team will guide you through the many features of the VPL-CX100 and coordinate any service requests you have during the contract.
- In the unlikely event of the VPL-CX100 failing, you can choose either next day replacement or repair of your own unit. All shipping costs to and from your chosen location will be covered by Sony.
- Qualified Sony engineers will maintain your projector giving you peace of mind that there will be no unexpected bills while your VPL-CX100 is covered by PrimeSupport.

Features

Connectivity

2x RGB (component x1) for flexible connections, Input A for RGB or component and input B for RGB. RS232C port for management and control, component video, S-Video / composite video, audio 2x stereo mini jack. Please note each input / output feature has its own dedicated audio (stereo mini jack feature).

Monitor out

The VPL-CX100 projector displays the image simultaneously on a large screen and on an additional monitor (via a 15-pin D Sub connection), so you can face the audience and still see the information being shown.

Low fan noise

Quiet operation is vital for a compelling presentation. At only 28dB in standard mode, the operating noise of the VPL-CX100 is quieter than a whisper.

Off and go

No cool down time needed, just switch off and pack away! The fan continues to cool after the power supply is removed, so you can unplug the projector immediately after use without damaging the lamp or optics. Other projectors need to remain connected to the power supply to cool the projector after use.

Direct on / off

Ceiling mounted projectors are often accidentally left on after meetings, reducing the lamp life and wasting electricity. The VPL-CX100 can be set to skip the standby mode, so they can be turned on and off directly by a main switch.

Password protection

When this function is activated a password is required to use the projector (if the password is lost, Sony is able to retrieve it).

Control panel lock

This switchable function locks the controls on the top and side of the projector, to prevent unauthorised or unintentional use of the controls.

Security bar

The security bar is a visible security feature that deters or prevents petty theft, by making it harder for a thief to remove the projector from its mount or secure location.

Easy maintenance

The new VPL-CX100 is designed with easy maintenance in mind. Both the lamp and filters are easily accessed for replacement and cleaning even when the projector is still in its mounted installation bracket.

Benefits

Versatility

The VPL-CX100 projector is ideal for use in the office, executive boardroom, classroom, gymnasium or even a mid-size auditorium due to its exceptional picture quality, multiple inputs / outputs and useful features.

High brightness

The VPL-CX100's innovative 0.79" HTPS 3LCD panels have contrast compensator filter, large diameter high

resolution lens with Advance Crisp Focus (ACF) capabilities and a high efficiency lamp (LMP-C200). It can produce up to 2700 ANSI Lumens of brightness for clear, bright and crisp images every time and in any environment.

Flexible inputs and outputs

You can connect the VPL-CX100 with other AV equipment via features such as audio output, RS232C for control, and a range of inputs including composite video, S-Video and component video (via 15 pin D-sub). You can link the audio output connector to an external speaker system to further enhance the user experience with high quality sound to accompany the images on screen. Each projector is also equipped with a monitor-out connection, which can display the image simultaneously on a large screen and on an additional monitor (via a 15-pin D Sub connection), so you can face the audience and still see the information being shown.

The magic of Sony 3LCD technology

The Sony VPL-CX100 adopts a 3LCD system using three 0.79-inch LCD Panels, also known as high-temperature polysilicon or HTPS. A 3LCD projector uses diachronic mirrors to divide white light emitted from a high-density lamp into three basic colours of Red, Green and Blue. The beams pass through three LCD (HTPS) panels before being reassembled by a prism and projected onto the screen. 3LCD projectors achieve fine-gradation in dark areas while the high light efficiency ensures good focus and vivid colours, even in normal lighting conditions. 3LCD technology avoids the 'rainbow effect' or colour separation to the final image that can affect some other projection technologies, such as DLP. Images produced on a 3LCD system are bright, create more natural colours and are gentler on the eyes.

Technical Specifications

Optical

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|---------------------------|---|
| Projection system | 3 LCD panels, 1 lens projection system |
| LCD panel | 0.79-inch XGA panel, 2,359,296 (1024 x 768 x 3) pixels |
| Projection lens | 1.2 times zoom lens, f23.5 to 28.2 mm, F1.75 to 2.17 |
| Lamp | 200W ultra high pressure Lamp |
| Screen coverage | 40 to 300 inches (measured diagonally) |
| Keystone correction range | Vertical: +/- 25° (max.) |
| Light output | 2700 lumens (lamp mode high) 1900 lumens (lamp mode standard) |

Signals

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|-----------------------------|---|
| Colour system | NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60 (automatically/manually selected) |
| Resolution | Video: 750 TV lines, RGB: 1366 x 800 pixels |
| Acceptable computer signals | fH : 19 to 92KHz, fV : 48 to 92Hz (Up to SXGA+ (fV 60Hz)) |

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|--------------------------|---|
| Acceptable video signals | 15k RGB 50/60Hz, Component 50/60Hz, Progressive Component, DTV (480/60i, 575/50i, 480/60p, 575/50p, 720/60p, 720/50p, 1080/60i, 1080/50i), Composite Video, Y/C Video |
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Speaker

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| Speaker | Mono 1 W (max.) x1 |
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General

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|------------------------|---|
| Dimensions (W x H x D) | 372 x 90 x 298 mm, (14 3/4 x 3 5/8 x 11 3/4 inches) |
| Mass | Approx. 4.1 kg (9 lbs 1 oz) |
| Power requirements | AC 100 to 240 V, 2.9 - 1.2 A, 50/60 Hz |
| Power consumption | Max. 285 W, Standby 7 W, Standby (low) 0.5 W |
| Heat dissipation | 973 BTU |
| Operating temperature | 0 to 35 °C (32 to 95 °F) |
| Operating humidity | 35 to 85% (no condensation) |
| Storage temperature | -20 to 60 °C (-4 to 140 °F) |
| Storage humidity | 10 to 90% |

Inputs/Outputs

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| VIDEO IN | -Video -Composite Video (RCA phono jack) -S Video -Y/C Mini DIN 4-pin -Audio -Stereo mini jack |
| INPUT A | -Analogue RGB / Component -HD D-sub 15-pin (female) -Stereo mini jack |
| INPUT B | -Analogue RGB -HD D-sub 15-pin (female) -Audio -Stereo mini jack |
| OUTPUT | -Monitor out -HD D-sub 15pin -Audio -Stereo mini jack (variable out) |
| REMOTE | RS-232C: D-sub 9 pin (female) |