

Multi Purpose XGA Projectors 2700 to 3500 ANSI lumen (with 1900 to 2500 ANSI lumen modes)

The VPL-CX100, VPL-CX120 & VPL-CX150 are high brightness projectors with the flexibility to work where and how you want. Ideal for both education and corporate use, they are suitable for ceiling, rear installation or portable use.

All feature a large diameter lens which incorporates Advance Crisp Focus (ACF) technology for superb sharp focus, exceptional image quality, unsurpassed brightness, and a more natural colour that's gentle on the eyes – even in light environments. The ultra high pressure lamp provide exceptional clarity and efficiency, with sharp focus, efficient power consumption, and a longer life.



Additional benefits of these three talented performers include a low noise fan that's quieter than a whisper, and an 'Off and Go' feature that allows them to be switched off immediately after use.

Key Features



Brightness

Using three 0.79" HTPS LCD panels, these new XGA models can produce between 2700 to 3500 ANSI Lumens of brightness for clear, bright and crisp images every time and in any environment.



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, VPL-CX120 & VPL-CX150 projectors 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.



Low Fan Noise

Quiet operation is vital for a compelling presentation. At only 28dB in standard mode, the operating noise of the VPL-CX100, VPL-CX120 or VPL-CX150 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, VPL-CX120 & VPL-CX150 can all 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, VPL-CX120 & VPL-CX150 are 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.



Environmentally aware design

Sony is committed to designing products with minimal environmental impact. We strictly control the use of chemicals and developing energy-saving technologies is a crucial part of our product innovation. The cabinet and the printed wiring boards of the C-Series projectors do not contain halogenated flame-retardants, so even if they are burnt, no carcinogenic dioxin is generated.

Connections/Controls



Control Panel



Output Connections



Remote Control

Optional Accessories



LMP-C200
Lamp



PAM-100
Ceiling Mount Bracket
Basic



BZSQ-M001
Ziris Manage Lite Software



The Magic of Sony 3LCD Technology

Brighter Picture
Higher Detail
Natural Colour



- Halogenated flame retardants are not used in cabinets.
- Halogenated flame retardants are not used in printed wiring boards.

SONY

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Specifications

Optical			
Projection System	3 LCD panels, 1 lens projection system		
LCD Panel	0.79-inch XGA LCD panel, 786,432 (1024 x 768) x 3		
Projection Lens	1.2 times, F 1.75 to 2.18, f 23.5 to 28.2 mm		
Throw ratio	1.5-1.7:1		
Throwing Distance*1			
80" Screen	2.4 - 2.8m		
100" Screen	3.0 - 3.5m		
Lamp	200 W Ultra high pressure lamp		
Lamp life *2	2000 H (Lamp mode : High) / 3000 H (Lamp mode : Standard)		
Screen coverage	40" to 300" inches (measured diagonally)		
Light Output	VPL-CX100	VPL-CX120	VPL-CX150
High	2700 lm	3000 lm	3500 lm
Standard	1900 lm	2200 lm	2500 lm
Contrast (all white & black) *3	550:1	650:1	650:1

Signals	
Colour System	NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60
Resolution	
Video	750TV lines
RGB	1024x768 pixels
Acceptable Signal	
Computer	fH : 19-92KHz, fV : 48-92Hz (Up to SXGA+ (60Hz))
Video	15kHz RGB/Component 50/60Hz, Progressive Component 50/60Hz, DTV (480/60i, 575/50i, 480/60P, 575/50P, 720/60P, 720/50P, 1080/60i, 1080/50i), Composite Video, Y/C Video

Interfaces	
Video Input	S VIDEO : Y/C Mini DIN 4pin Composite : phono Audio : Stereo mini jack
Input A	Analogue RGB / Component (HD D-sub 15 pin) Audio : Stereo mini jack
Input B	Analogue RGB (HD D-sub 15 pin) Audio : Stereo mini jack
Monitor Out	Analogue RGB (HD D-sub 15 pin)
Audio Out (Variable)	Stereo mini jack
Remote	RS232C: D-sub 9 pin

General	
Dimension (WxHxD)	372 x 90 x 298 mm (without the projection parts)
Weight	Approx. 4.1 kg / 9lb 1oz
Power Requirements	AC 100 to 240V, 2.9 - 1.2A, 50/60Hz (AC 100V, 2.9A, 50/60Hz (Japan only))
Power Consumption	
Max	285W
Standby	7W / 0.5W
Heat Dissipation	973 BTU
Keystone correction range	
V	Max. +/-25 degrees vertically
Fan noise	28dB(Stand) 38dB(High)
Speaker	Mono 1W (max.) x 1
Operating Temperature	0 to 35 C degrees (32 to 95 F degrees)
Operating Humidity	35 to 85% (no condensation)
Storage Temperature	-20 to 60 C degrees (-4 to 140 F degrees)
Storage Humidity	10 to 90 %

Safety regulations	
	UL60950-1, CSA C22.2 No.60950-1, FCC Class B, IC Class B, CE (LVD: EN60950-1(DEMKO)), EMC: EN55022 Class B + EN55024, EN61000-3-2 + EN61000-3-3), EN55022 Class B (Aus EMC), CCC (GB 4943 (IEC60950) + GB 9254(CISPR22)) (J/C model only)

Battery - remote commander	
Category	Battery Lithium
Type	CR2025
Weight of single battery (g)	2.3g
Number of batteries per package	1

Supplied Accessories	
	Remote Commander : RM-PJ5, Lithium battery:CR2025 (1)
	HD D-sub 15-pin cable (2m) (1)
	Lens Cap (1)
	AC power cord (1)
	Security Label
	CD-ROM (Operating Instructions, Application Software) (1)
	Quick Reference Manual
	Safety Regulations

*1 The throwing distance is "design value" and the tolerance is not included

*2 The number is approximate. This value varies depending on the environment or how the projector is used.

Specifications subject to change without notice