Procure

**Powered By Choice,
Driven By You.**

VPL-CH350, VPL-CH355, VPL-CH370 & VPL-CH375 Projectors

WUXGA resolution installation projectors with 4000 – 5000 lumens brightness

3LCD

BrightEra™
Long Lasting Optics

HDBT™

When it comes to equipping medium to large-sized classrooms or meeting rooms, cost is critical. The VPL-CH350, VPL-CH355, VPL-CH370 & VPL-CH375 are a cost-effective choice with no compromise on picture quality.

Outstanding brightness, low total cost of ownership

These projectors produce exceptional WUXGA images, between 4,000 and 5,000 lumens brightness and feature a host of energy-saving features to keep power consumption low. Because they use Sony's unique 3LCD BrightEra™ panel technology, images are brighter and more stable, colours are more consistent, vivid and natural, yet lamp life is much longer.

VPL-CH350, VPL-CH355, VPL-CH370 & VPL-CH375

Connectivity with HDBaseT™

The VPL-CH355 and VPL-CH375 projectors allow simple connectivity with a single cable, using the HDBaseT™ Digital Interface (Video, Audio, Control, Ethernet) system. It's a cost-effective, long-distance and high-quality digital transmission solution.

The VPL-CH350, VPL-CH355, VPL-CH370 & VPL-CH375 are an excellent option for business and education: easy to use, low on maintenance and guaranteeing the ultra-high quality projection you'd expect from Sony.

ECO Lamp Dimming

Reduce power consumption and brightness by 10-15%. Pre-set a time so brightness and power consumption reduces to 30% if the projector is not in use. As soon as a new signal is detected, brightness returns to 100%, instantly.

ECO Picture Mute - (Instant Off/Instant On)

Reduce power consumption to 30%, saving costs and lamp hours. Useful between class changes or to redirect attention away from the screen in a business meeting, it means you don't have to completely power off or on, which can be time consuming.

4000/3000 Hours Lamp Life

Advanced lamp technology and an efficient cooling system ensures long lamp life. We recommend a lamp replacement time of 3,000 hours in standard lamp mode for the VPL-CH370 & VPL-CH375 and 4,000 for the VPL-CH350 and VPL-CH355.

Features

High resolution WUXGA image

Incredible WUXGA resolution detail (1920 x 1200). Extremely clear and detailed high-quality images are projected, even on a large screen.

3LCD BrightEra™ Technology

Advanced 3LCD BrightEra™ panels produce a high brightness of between 4,000 and 5,000 lumens with increased reliability and natural, vivid colour reproduction.

Lens Shift Function

With fine lens shift range adjustment of +/- 5% vertical and +/- 4% horizontal, the projector can be positioned for picture-perfect projection and greater installation flexibility, avoid any minor ceiling obstacles.

1.5:1 to 2.2:1 Throw ratio

VPL-CH350, VPL-CH355, VPL-CH370 & VPL-CH375 offer a throw ratio that can accommodate most medium to large classrooms or meeting rooms.

Designed to blend in

A low-profile chassis means the projector will appear to blend into the ceiling or wall on which it is mounted.

Flexible installation

As well as a smart, contemporary design the VPL-CH350, VPL-CH355, VPL-CH370 & VPL-CH375 provide excellent installation flexibility. The lens shift/zoom and image correction features mean any image will fit the screen, even from an offset projection angle.

Advanced energy-saving features

Advanced lamp technology enables robust energy-saving features. Auto Light Dimming mode offers greater brightness control and saves considerable energy when the projector is left on when not in use. 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.

Delivering higher picture quality, substantially brighter images and greater efficiency.

Ideal for:

- Education
- Visitor attractions and museums
- Corporate presentations
- Public sector

PrimeSupport

This projector comes supplied with a 3 year projector and 1 year / 1000 hours operation support pack when sold in the EU, Norway and Switzerland, which offers unique extra services and benefits:

- 3 year cover***

- Free telephone helpdesk support in English, German, French, Italian and Spanish

- Collection and delivery anywhere in the EU, Norway and Switzerland

- Optional PrimeSupport Plus available to extend up to 5 years.

*** Subject to Hours on Optical Engine and laser light source will be applied

Prime **Support**

Prime **Support** Plus

Specifications

		VPL-CH350	VPL-CH355	VPL-CH370	VPL-CH375
Display system		3 LCD system			
Display device	Size of effective display area	0.64" (16.3 mm) × 3, Aspect ratio: 16:10			
	Number of pixels	6,912,000 (1920 × 1200 × 3) pixels			
	Aspect ratio	16: 10			
Projection lens	Zoom	Manual (Ratio: Approx. x 1.45)			
	Focus	Manual			
	Lens Shift	Manual (Vertical: +/- 5%, Horizontal: +/- 4%)			
	Throw Ratio	1.5:1 to 2.2:1			
Light source		Ultra high pressure mercury lamp 250 W type		Ultra high pressure mercury lamp 280 W type	
Recommended lamp replacement time		3000 H / 4000 H / 5000 H (Lamp mode: High / Standard / Low) Synchronized filter with lamp replacement		2500 H / 3000 H / 3500 H (Lamp mode: High / Standard / Low) Synchronized filter with lamp replacement	
Screen size		40" to 300" (1.02 m to 7.62 m) (measured diagonally)			
Light output (Mode: High / Standard / Low)		4000 lm / 3200 lm / 2600 lm		5000 lm / 3600 lm / 3100 lm	
Color light output (Mode: High / Standard / Low)		4000 lm / 3200 lm / 2600 lm		5000 lm / 3600 lm / 3100 lm	
Contrast ratio (full white / full black)		2500: 1			
Acoustic noise (Lamp mode: High / Standard / Low)		36dB / 33dB / 29dB		38dB / 35dB / 29dB	
Displayable scanning frequency	Horizontal	19 kHz - 92 kHz			
	Vertical	48 Hz - 92 Hz			
Display resolution	Computer signal input	Maximum display resolution: 1920 × 1200 dots [1] / Panel display resolution: 1920 × 1200 dots			
	Video signal input	480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p, 1080/24p			
Colour system		NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N			
Keystone correction		Vertical: Max. +/- 30 degrees, Horizontal: Max. +/- 20 degrees			
OSD language		24-language (English, French, German, Italian, Spanish, Portuguese, Japanese, Simplified Chinese, Traditional Chinese, Korean, Russian, Dutch, Norwegian, Swedish, Thai, Arabic, Turkish, Polish, Vietnamese, Farsi, Indonesian, Finnish, Hungarian, Greek)			
INPUT OUTPUT (Computer/Video/ Control)	INPUT A	RGB / YPbPr input connector: Mini D-sub 15 pin female, Audio input connector: Stereo mini jack			
	INPUT B / INPUT C	HDMI input connector: HDMI 19-pin, HDCP support			
	INPUT D	-	HDBaseT interface connector: RJ45 4 play (Video, Audio, LAN, Control)		
	S VIDEO IN	S-video input connector: Mini DIN 4-pin			
	VIDEO IN	Video input connector: Phono jack			
	OUTPUT	Monitor output connector[2]: Mini D-sub 15-pin (female), Audio output connector[2]: Stereo mini jack			
	REMOTE	D-sub 9-pin (male)			
	LAN	RJ45, 100BASE-TX	RJ45,100BASE-TX (Shared with HDBaseT)	RJ45, 100BASE-TX	RJ45,100BASE-TX (Shared with HDBaseT)
	HDBaseT	-	RJ45, 4 Play	-	RJ45, 4 Play
	USB	Type-A, Type-B			
	MICROPHONE IN	Mini jack			
Speaker		12W × 1 (monaural)			
Operating temperature (Operating humidity)		0℃ to 40℃ / 32℉ to 104℉ (20% to 80%; no condensation)			
Storage temperature (Storage humidity)		-10℃ to +60℃ / -14℉ to +140℉ (20% to 80%; no condensation)			
Power requirements		AC 100 V to 240 V, 3.6 A to 1.6 A, 50/60 Hz		AC 100 V to 240 V, 3.9 A to 1.7 A, 50/60 Hz	
Power consumption (Lamp mode: High / Standard / Low)	AC 100 V to 120 V	353W / 285W / 265W		388W / 315W / 279W	
	AC 220 V to 240 V	334W / 272W / 254W		367W / 299W / 266W	
Standby mode power consumption (Standby mode: Standard / Low)	AC 100 V to 120 V	4.7W / 0.5W	6.1W / 0.5W	4.7 / 0.3W	6.1W / 0.3W
	AC 220 V to 240 V	4.9W / 0.5W	6.2W / 0.5W	4.9 / 0.5W	6.2W / 0.5W
Heat dissipation	AC 100 V to 120 V	1204 BTU		1323 BTU	
	AC 220 V to 240 V	1139 BTU		1252 BTU	
Outside dimensions (W × H × D)		Approx. 406 × 113 × D 330.5 mm (15 31/32 × 4 7/16 × 13 in) (without protrusions)			
Mass		Approx. 5.7 kg / 12 lb			
Supplied accessories		RM-PJ8 Remote Commander (1), Lithium battery: CR2025 (1), AC Power Cord (1), Lens cap (1), Quick Reference Manual (1), Operating Instructions (CD-ROM) (1), Presentation Station for Network Presentation application (CDROM) (1)			

*1 Available for VESA Reduced Blanking signal. *2 From INPUT A.

Supplied Accessories

Projector Lamp (for replacement) LMP-C250 (VPL-CH355 and VPL-CH350)	Projector Lamp LMP-C281 (VPI-CH375 and VPL-CH370)	PAM-210 Ceiling mount

Optional Accessories

PAM-0.5M Extension pole & ceiling plate	PAM-1.0M Extension pole & ceiling plate	PAM-1.5M Extension pole & ceiling plate	USB wireless module IFU-WLM3