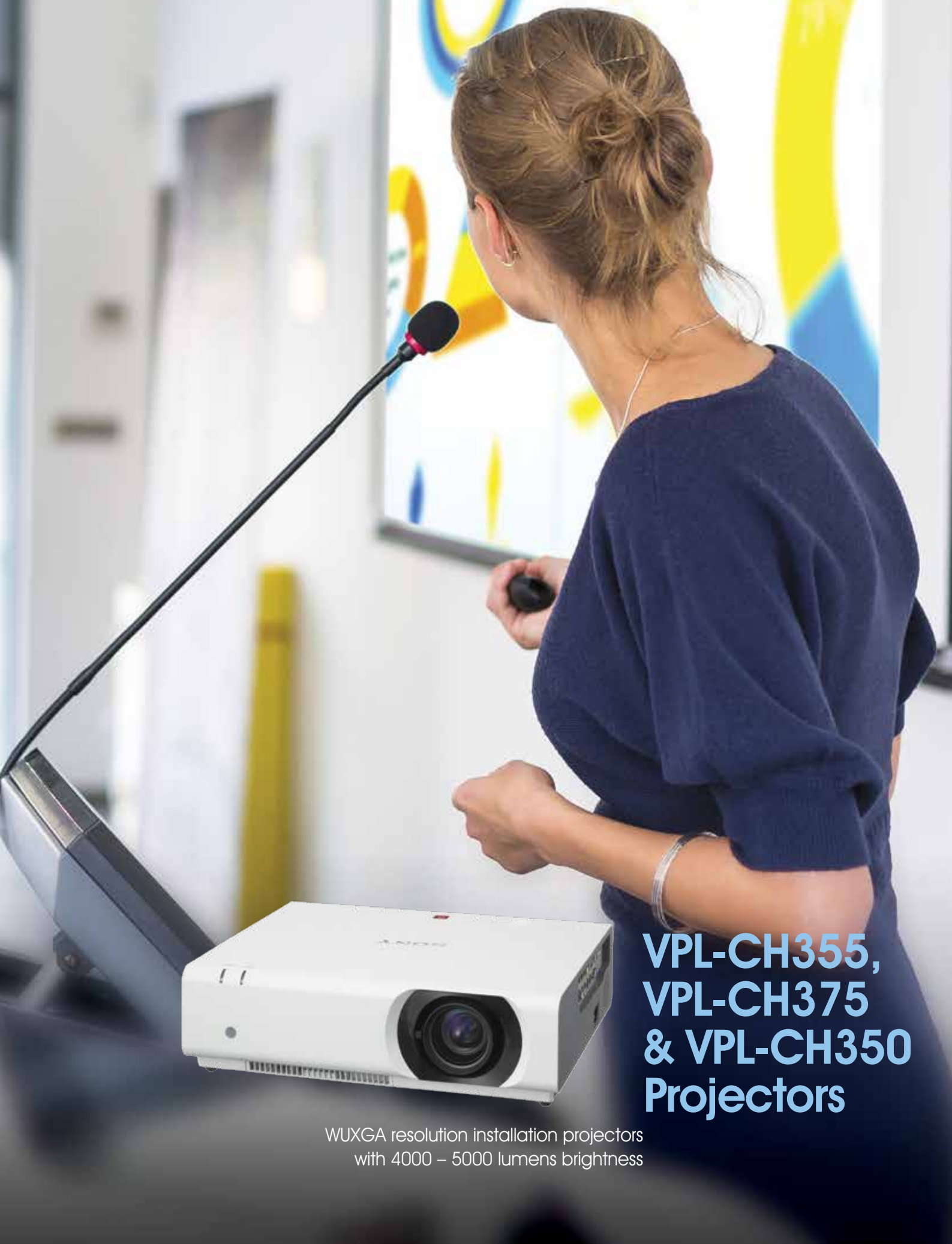


SONY



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

WUXGA resolution installation projectors
with 4000 – 5000 lumens brightness



Outstanding brightness, low total cost of ownership



VPL-CH355, VPL-CH375 and VPL-CH350

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

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.

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-CH355 and 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-CH375 and 4,000 for the VPL-CH355 and VPL-CH350.

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

The VPL-CH355, VPL-CH375 and VPL-CH350 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-CH355, VPL-CH375 and VPL-CH350 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

Projectors sold into the EU, Norway and Switzerland come supplied with a 3 Year projector and 1 year/1000 hour lamp cover PrimeSupport pack. This offers unique services and benefits over and above standard warranty:- 3 Year projector and 1 year/1000 hour PrimeSupport Cover.

Freephone telephone helpdesk support (00800 7898 7898) in 5 languages.

Collection, repair and return anywhere in EU, Norway and Switzerland.

In addition, optional PrimeSupport Plus packs can be purchased which can further enhance the 3 year support to give extra peace of mind:-

- A 2 year extension of the standard 3 year PrimeSupport to give long-term assurance of expert support, technical assistance and repairs for 5 years from purchase date.

- Provision of a loan unit for 3 or 5 years cover to ensure minimal impact to the customer's business in case of product failure.



Specifications



		VPL-CH350	VPL-CH355	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)	
	HDBaseT	-	RJ45, 4 Play	
	USB	Type-A, Type-B		
MICROPHONE IN	Mini jack			
	12W × 1 (monaural)			
Speaker		12W × 1 (monaural)		
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, 3.6 A to 1.6 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	6.1W / 0.3W
	AC 220 V to 240 V	4.9W / 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)	Projector Lamp LMP-C281 (VPL-CH375)

Optional Accessories

USB wireless module IFU-WLM3

For full features visit www.pro.sony.eu/projectors

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