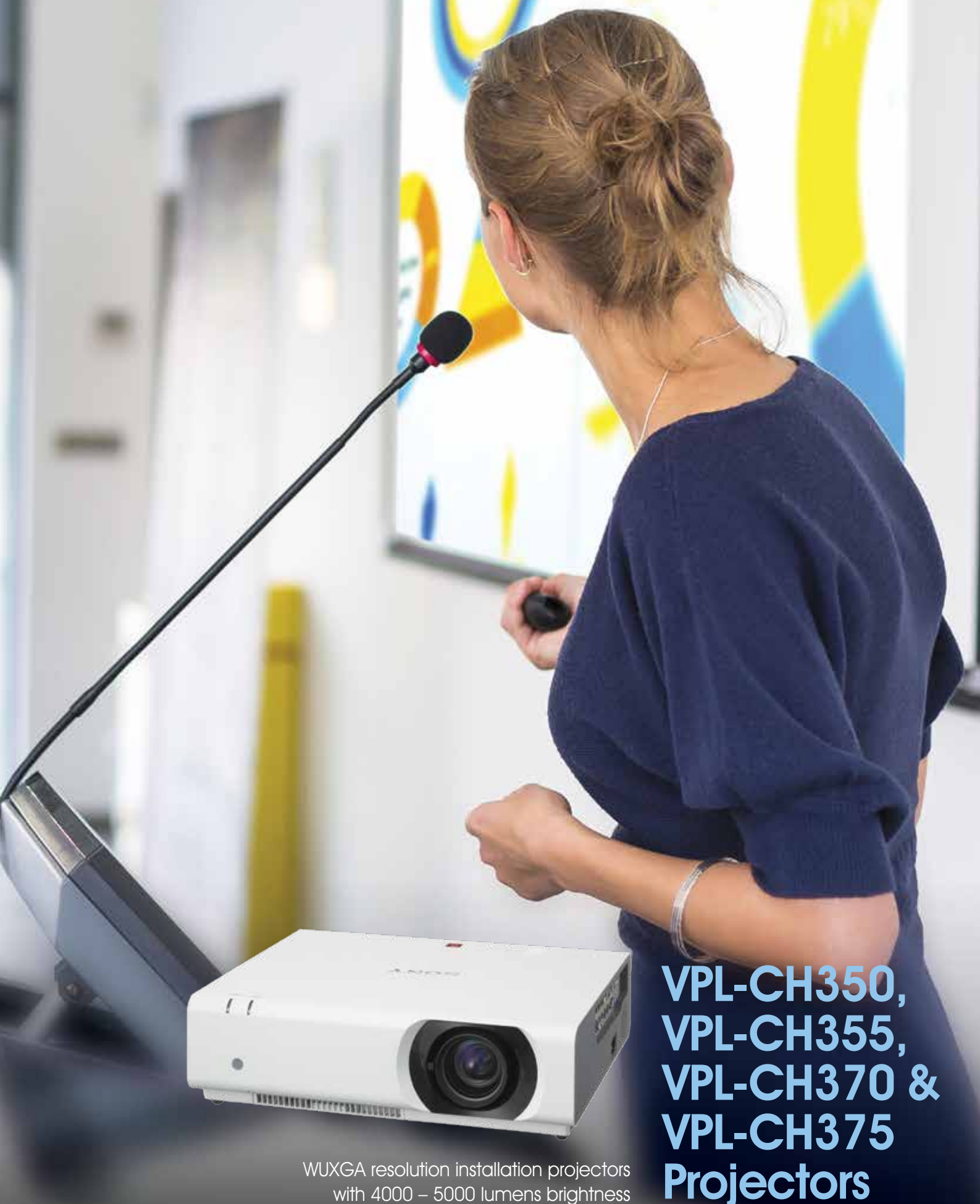


SONY



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

WUXGA resolution installation projectors
with 4000 – 5000 lumens brightness



Outstanding brightness, low total cost of ownership

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.



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

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-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.

Energy-saving features ensure low power consumption and long lamp life:

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



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: 1.6:1.0 | | | |
| | Number of pixels | 6,912,000 (1920 × 1200 × 3) pixels | | | |
| | Aspect ratio | 1.6: 1.0 | | | |
| 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 / Y/PbPr 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°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 | | 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

Optional Accessories

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

For full features visit pro.sony.eu/installation

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