

## Sony VPL-FHZ57L(VPL-FHZ57L)

Sony VPL-FHZ57L - LCD projector - 4100 lumens - WUXGA (1920 x 1200) - 16:10 - HD 1080p - no lens  
- LAN



The VPL-FHZ57 laser projector is ideal for a wide range of business, education and entertainment applications. Teamed with BrightEra 3LCD projection engine, the advanced Z-Phosphor laser light source ensures detail-packed WUXGA resolution images with a generous brightness and rich, stable colors. Building on the success of Sony's acclaimed laser projectors, advanced picture refinement technologies now assure even greater clarity and realism with any input source.

The laser light source allows long hours of virtually zero maintenance operation without the worry of sudden lamp failures. Constant Brightness mode maintains the same on-screen light levels throughout the laser source's extra-long lifespan. An automated filter system cuts the hassle of regular dust cleaning. Near-zero maintenance needs are complemented by a range of energy-saving features, driving down total lifetime ownership costs even further.

With a stylish blend-in design, tidy cable management and ultra-low fan noise, the VPL-FHZ57 fits beautifully into almost any environment - from academic institutions, corporate, medical training and public sector organizations to visitor attractions and retail spaces. Seamlessly blend images from multiple projectors to create super-sized displays, or project accurately proportioned images onto angled or curved surfaces. Mount the projector at any angle, even on its side or upside down. Set-up is refreshingly easy with a friendly installation menu.

## Key Selling Points

- Very high image quality
- Constant brightness
- Advanced picture refinement technologies
- Crisp, detail-packed WUXGA resolution images
- Long hours of operation with virtually no maintenance
- Hassle-free automatic filter cleaning
- Energy-saving features
- Save time with every presentation
- 360° free-angle installation capability
- Powered wide-lens shift
- Supports HDBaseT
- Create super-size displays with edge blending
- Project onto non-flat surfaces with image warping
- Quiet operation
- Slim, attractive blend-in design
- Picture mode
- Simple set-up with friendly Installation menu
- Project side by side

## Product Features

### Very high image quality

The Z-Phosphor laser light source is coupled with Sony's acclaimed BrightEra 3LCD projection engine to ensure high brightness with vivid, natural color reproduction.

### Constant brightness

Constant Bright maintains the same brightness throughout the long hours of recommended lifespan.

### Advanced picture refinement technologies

Picture quality is boosted by advanced processing, featured on Sony home cinema projectors. Reality Creation uses a powerful pattern-matching database to optimize every pixel. Contrast Enhancer actively analyzes and refines dark and light image areas for sparkling highlights and rich, deep blacks.

### Crisp, detail-packed WUXGA resolution images

See the fine detail in PC presentations, videos or multimedia signage with WUXGA (1920 x 1200) 16:10 resolution.

### Long hours of operation with virtually no maintenance

The advanced laser light source offers long hours of operation without lamp exchange, reducing lifetime running costs.

### Hassle-free automatic filter cleaning

Focus on great-looking images instead of arduous maintenance tasks: automated filter cleaning system removes dust.

### Energy-saving features

Reduce running costs even further with convenient energy-saving features: Picture Mute and Auto Dimming.

### Save time with every presentation

Quick power on/off dramatically cuts warm-up time after switch-on, before you can start presenting at full brightness.

### 360° free-angle installation capability

Enjoy greater installation flexibility: position the projector freely at any angle - or its side or even upside down.

### Powered wide-lens shift

Generous lens shift adjustments give more flexibility for positioning the projector, where you need it: close to ceilings or even horizontally offset.

Supports HDBaseT

Simpler, more cost-effective installation and connectivity with digital transmission of HD video, audio and networking/control over a single Ethernet cable.

Create super-size displays with edge blending

Seamlessly join accurately color-matched images from multiple projectors, simplifying creation of stunning super-size displays for corporate and education.

Project onto non-flat surfaces with image warping

Easily correct image geometry for natural-looking projections - even on convex or concave surfaces. Corner and edge correction can be easily adjusted with the supplied remote and on-screen menu.

Quiet operation

Low fan noise ensures discreet, unobtrusive operation in quiet environments from museums and galleries to lecture theaters.

Slim, attractive blend-in design

The slim, stylish case design features a flat top surface, that blends in discreetly, when the projector is ceiling mounted. The clean appearance is accentuated by a terminal cover, that reduces cable clutter.

Picture mode

Picture mode ensures great-looking pictures in any presentation conditions. Select Standard, Dynamic, Brightness Priority or Multi Screen mode for optimized image quality, with any source and in every room.

Simple set-up with friendly Installation menu

Easily adjust projector settings with remote commander, including warping and edge blending.

Project side by side

Project images from two inputs at the same time: ideal for applications, such as video conferencing and medical training, where two images need to be seen simultaneously.

## Main Specifications

Product Description	Sony VPL-FHZ57L LCD projector
Device Type	LCD projector - High Definition 1080p
Brightness (White)	4100 lumens
Brightness (Colour)	4100 lumens
Contrast Ratio	10000: 1
Resolution	WUXGA (1920 x 1200)
Native Aspect Ratio	16: 10
Lens	No lens
Bulb type	Laser diode
Bulb life cycle	Up to 20000 hour(s)
Video Input	RGB, component video (NTSC, SECAM, PAL, PAL-N, PAL-M, NTSC 4.43, PAL 60, NTSC 3.58), LAN
Video Modes	1080/24p, 1080/60i, 480/60p, 720/60p, 1080/50i, 720/50p, 576/50p, 1080/50p, 1080/60p, 480/60i, 576/50i
Power	AC 120/230 V (50/60 Hz)
Power Consumption Operational	355 Watt
Dimensions (WxDxH)	46 cm x 51.5 cm x 16.9 cm
Weight	16 kg

## Extended Specification

### General

Device Type	LCD projector - HD 1080p
Networking	Ethernet

## Projector

Brightness (White)	4100 lumens
Brightness (Colour)	4100 lumens
Brightness (Reduced)	3000 lumens
Contrast Ratio	10000: 1
Image Size	102 cm - 1524 cm
Resolution	WUXGA - WUXGA (1920 x 1200)
Native Aspect Ratio	16:10
Display Format	6,912,000 pixels (1920 x 1200) x 3
Max Sync Rate (V x H)	92 Hz x 92 kHz
Bulb type	Laser diode
Bulb life cycle	Up to 20000 hour(s)
Controls & Adjustments	Keystone correction
Features	Picture Muting, Edge blending, Side-by-Side, 3LCD Technology, BrightEra, Auto Dimming Mode, Reality Creation, Image Warping, Contrast Enhancer

## Lens

Type	No lens
Keystone Correction Direction	Horizontal, vertical
Vertical Keystone Correction	-30 / +30
Horizontal Keystone Correction	-30 / +30

## Video Input

TV System	NTSC, SECAM, PAL, PAL-N, PAL-M, NTSC 4.43, PAL 60, NTSC 3.58
Analogue video Signal	RGB, component video
Video Interfaces	VGA, HDMI, component video, DVI, RGB, HDBaseT
Video Modes	1080/24p, 1080/60i, 480/60p, 720/60p, 1080/50i, 720/50p, 576/50p, 1080/50p, 1080/60p, 480/60i, 576/50i
LAN and Wireless Image Transferring Protocols	Wired LAN
DVI-D with HDCP Input	Yes

## Expansion / Connectivity

Interfaces	1 x component video / RGB input - 15 pin HD D-Sub (HD-15) 1 x DVI-D - 24 pin digital DVI 1 x HDMI input - 19 pin HDMI Type A 1 x HDBaseT - RJ-45 1 x DVI-D output - 24 pin digital DVI 1 x VGA output - 15 pin HD D-Sub (HD-15) 1 x serial RS-232C - 9 pin D-Sub (DB-9) (management) 1 x network - RJ-45 (management) 1 x component video input - BNC 1 x remote control input - mini-phone stereo 3.5 mm 1 x audio line-in - mini-phone stereo 3.5 mm 1 x audio line-out - mini-phone stereo 3.5 mm
------------	---

## Miscellaneous

Included Accessories	Wireless remote control
----------------------	-------------------------

## Power

Power Source	AC
Nominal Voltage	AC 120/230 V (50/60 Hz)
Power Consumption Operational	355 Watt

## Dimensions &Weight

Width	46 cm
Depth	51.5 cm
Height	16.9 cm
Weight	16 kg

## Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	20 - 80% (non-condensing)
Sound Emission	28 dB

Product data is provided by CNET,we do not warrant the accuracy and completeness of the material contained in this data sheet