

Why Sony?

Sony is a major professional in the world of imaging technology, across both consumer and professional applications.

Sony's comprehensive imaging technologies extend across a wide range: lenses, image sensors, image processors, IP transmission, display devices and light sources. Products are developed by engineers with deep and broad experience in imaging technologies.

As a leading global manufacturer for professional users, Sony offers superlative moviemaking and broadcasting, as well as medical equipment and business and educational products.



SONY

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SONY



3LCD Laser Projector



Image quality



Beautiful detail and faithful color reproduction
Sony's BrightEra™ 3LCD panel works with Sony's original Z-Phosphor™ light source to deliver unmatched clarity, color reproduction and brightness.

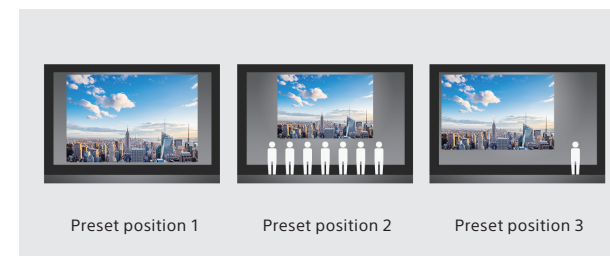
Simple and discreet

The projector's minimalist design looks great in any space, blending seamlessly into the background of conference rooms, museums, and other sophisticated locations.

An experienced team of designers have created a functional, aesthetically pleasing product that is durable, easy to set up, and easy to use.

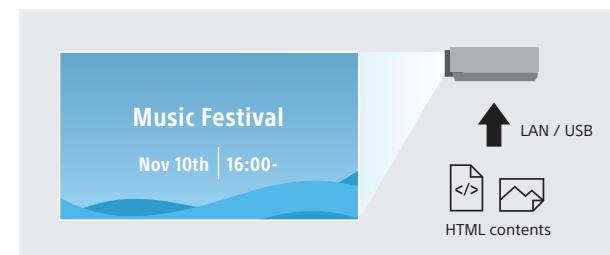
Flexibility

Picture position preset^{#1}



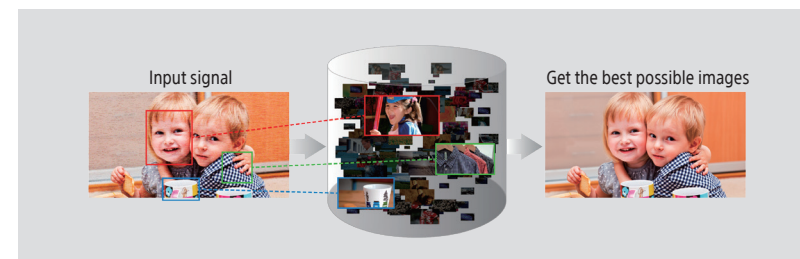
Recall the preset position and size at the push of a button.
* Users are required to prepare a switcher
* Requires optional VPLL-Z4111 lens

New HTML content display function^{#1}



Project customized images such as logos or advertisements via LAN or USB, even when the projector is not in use. *This function supports 16:9 only

#1 For VPL-FHZ131L, VPL-FHZ101L and VPL-FHZ91L, #2 For VPL-FHZ75 and VPL-FHZ70



Reality Creation

Sony's 'Reality Creation' engine delivers ultra-high accuracy by combining database-driven, super-resolution processing with image pattern classification. Automatic control of both super-resolution processing and noise reduction ensures stunning image quality, smooth gradations and low noise.

Reliability

Designed to be reliable

Sony's development process ensures that all new products meet our high standards for image quality.

Cooling design

A highly efficient heat sink maintains excellent performance over prolonged use.

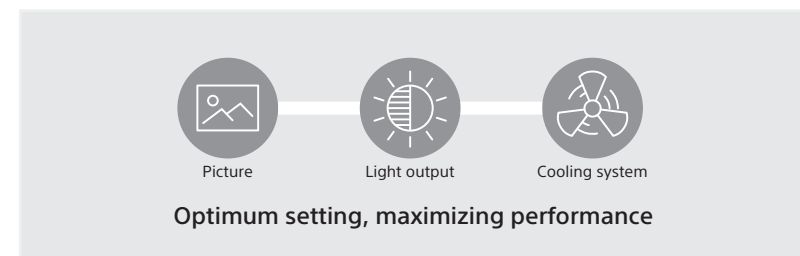
Auto color calibration

The projector automatically adjusts RGB balance to keep accurate color reproduction

Dust-proof design

Cleaning robotics and electrostatic filtering maintain efficient ventilation to maintain brightness.

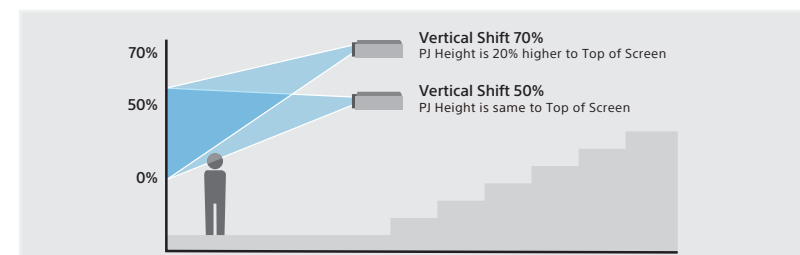
Intelligent Setting^{#1 #2}



Intelligent Settings offer four presets, optimising brightness, cooling system and other projector settings to suit all usage environments.

In addition, VPL-FHZ131L, VPL-FHZ101L, and VPL-FHZ91L are equipped with an Advanced Intelligent Setting function, which automatically control the temperature of the installation environment, frequency of usage, and several other parameters so that they can be used at suitable settings for long-term stable operation.

Wide Lens Shift^{#2}



The industry's widest lens shift* capability of Vertical +70% gives greater flexibility. No need correct image shape by keystone correction.

*In the range of 5,000-6,500 lm. As of 5th February 2019, according to Sony research.

3LCD laser projector lineup, by venue

| | LARGE | | | | | | SMALL | | | | | |
|---|---|--|--|--|---|--|--|--|--|--|---------------------------------------|--|
| Venue | Halls, Auditoriums | | Museums, Galleries | | Bright classrooms, Meeting rooms, Large rooms | | Mid-sized rooms | | SOHO | | | |
| Brightness | 13,000 lm | | 10,000 lm | | 9,000 lm | | 6,500 lm | | 5,500 lm | | | |
| | | | | | | | | | | | | |
| | | | | | | | <i>VPL-FHZ66, VPL-FHZ61 and VPL-FHZ58 are available in white chassis only.</i> | | | | | |
| Model name | VPL-FHZ131L | | VPL-FHZ101L | | VPL-FHZ91L | | VPL-FHZ75 | | VPL-FHZ70 | | | |
| Lens shift (Maximum) | Vertical | | ±107% | | ±107% | | -5%, +70% | | -5%, +60% | | | |
| | Horizontal | | ±57% | | ±57% | | ±32% | | ±10% | | | |
| Lens type | Interchangeable | | | | | | Fixed | | | | | |
| Throw ratio | Depends on lens | | | | | | 1.39:1 to 2.23:1 (When using the included lens) | | | | | |
| Resolution | WUXGA (1920 x 1200) | | | | | | WXGA (1280 x 800) | | | | | |
| Screen size | 40" to 600" | | | | | | 40" to 300" | | | | | |
| Power consumption (Maximum) | AC 100 V to 120 V | | 1076 W | | 840 W | | 537 W | | 483 W | | | |
| | AC 220 V to 240 V | | 1033 W | | 814 W | | 518 W | | 468 W | | | |
| Power requirements | AC 100 V to 240 V | | | | | | | | | | | |
| Dimensions (without protrusions) & weight | Approx. 544 x 205 x 564 mm (27 kg) | | Approx. 544 x 205 x 564 mm (26 kg) | | Approx. 460 x 169 x 515 mm (16 kg) | | | | Approx. 510 x 113 x 354.6 mm (8.7 kg) | | Approx. 371 x 100 x 319.3 mm (5.7 kg) | |
| Input / output | Input: PC/Component, PC, DVI-D, HDMI, HDBaseT, 3G-SDI ^{*1} | | Output: PC/Component, 3G-SDI ^{*1} | | Input: Video, PC, DVI-D, HDMI, Audio, HDBaseT | | Output: PC, DVI-D, Audio | | Input: PC, HDMI, Audio, HDBaseT, Video | | Output: Audio | |
| Control signal input / output | RS-232C, LAN, USB A | | RS-232C, LAN, IR (Control S) input | | RS-232C, LAN, IR (Control S) input | | RS-232C, LAN, USB A, USB B, Wireless ^{*2} | | RS-232C, LAN, USB A | | - | |
| Reality creation | ● | | ● | | ● | | ● | | ● | | - | |
| Intelligent setting | Version 2 | | Version 2 | | Version 2 | | Version 1 | | Version 1 | | Version 1 | |
| Automatic filter cleaning | ● | | ● | | ● | | ● | | ● | | - | |
| Edge blending | ● | | ● | | ● | | ● | | ● | | - | |
| Warping | ● | | ● | | ● | | ● | | ● | | ● ^{*3} | |

Optional lenses

For VPL-FHZ131L, VPL-FHZ101L and VPL-FHZ91L

| Model name | VPLL-Z4107 | VPLL-4008 | VPLL-Z4111 | VPLL-Z4015 | VPLL-Z4019 | VPLL-Z4025 | VPLL-Z4045 |
|-------------------|------------------|-------------|------------------|------------------|------------------|------------------|-----------------|
| Throw ratio | 0.75:1 to 0.94:1 | 1.00:1 | 1.30:1 to 1.96:1 | 1.85:1 to 2.44:1 | 2.41:1 to 3.07:1 | 3.02:1 to 5.58:1 | 5.56:1 to 7.5:1 |
| Zoom | Powered | - | Powered | Powered | Powered | Powered | Powered |
| Focus | Powered | Manual | Powered | Powered | Powered | Powered | Powered |
| Screen size | 60" to 600" | 40" to 600" | 60" to 600" | 40" to 600" | 40" to 600" | 40" to 600" | 60" to 600" |
| Lens shift (V, H) | ±50%, ±24% | ±32%, ±15% | ±99%, ±51% | ±98%, ±51% | ±107%, ±57% | ±107%, ±57% | ±107%, ±57% |
| Weight | 3.3 kg | 2.6 kg | 4.0 kg | 3.0 kg | 3.0 kg | 2.8 kg | 3.0 kg |

For VPL-FHZ75, VPL-FHZ70, VPL-FHZ66, VPL-FHZ61 and VPL-FHZ58

| Model name | VPLL-3003 | VPLL-3007 | VPLL-Z3009 | VPLL-Z3010 | VPLL-Z3024 | VPLL-Z3032 |
|-------------------|-------------|---------------|-----------------|-----------------|------------------|------------------|
| Throw ratio | 0.33:1 | 0.65:1 | 0.85:1 to 1.0:1 | 1.0:1 to 1.39:1 | 2.34:1 to 3.19:1 | 3.18:1 to 4.84:1 |
| Zoom | - | - | Manual | Powered | Powered | Powered |
| Focus | Powered | Manual | Manual | Powered | Powered | Powered |
| Screen size | 80" to 300" | 60" to 300" | 60" to 300" | 60" to 300" | 40" to 600" | 40" to 600" |
| Lens shift (V, H) | ±5%, ±5% | +10%/-5%, ±4% | +50%/-5%, ±24% | +60%/-5%, ±29% | +60%/-5%, ±32% | +60%/-5%, ±32% |
| Weight | 2.9 kg | 1.7 kg | 1.7 kg | 2.0 kg | 1.2 kg | 1.2 kg |

- BNC
- D-sub 9 pin
- D-sub 15 pin
- Stereo mini jack
- RCA
- USB A
- DVI-D
- USB B
- HDMI
- RJ-45
- Wireless: IFU-WLM3 (Option)

*1: support as an option, required BKM-PJ20
*2: support as an option
*3: VPL-PHZ12 and VPL-CWZ10 do not support correcting deflection