

SONY

# Data Projectors



BrightEra

BrightEra  
Long Lasting Optics

HDMI

CHDBT

2014.8

# Broadening the Scope of Data Projections

Based on decades of projector technology expertise and recent stunning innovations in display panel technologies – represented by 3LCD projection systems and BrightEra™ display panels – Sony provides a wide selection of data projectors to meet the varying demands of customers. Eight product ranges are available to suit different applications, locations, and operational needs, broadening the scope of data and video projection.





## Laser Light Source 3LCD Projectors

### VPL-FHZ700L/VPL-FHZ55

Sony is proud to offer two powerful new projectors for your most demanding applications – the VPL-FHZ700L and VPL-FHZ55. These WUXGA 3LCD laser light source projectors deliver an ideal combination of high image quality, low overhead and exceptional integration flexibility. To achieve high color light output at high resolution (1920 x 1200), each projector is designed with both a laser light source and a 3LCD optical system. Colors appear natural and the brightness is extraordinary, thanks to Sony's BrightEra 3LCD engine together with the laser light source. Full color is displayed (red + green + blue) with three micro displays and there is no visible color breaking or rainbow effect even on high contrast images.



## Large-Venue Installation Projectors

### VPL-F500 Series

Packing the most advanced projector technologies into a low-profile design, the VPL-F500 Series is an excellent choice, for large venues, delivering a dramatic brightness of 7,000 lumens and ultra high-quality images. These projectors offer peace-of-mind operation with a twin-lamp system that provides a redundant lamp and ensures economical operation.

These projectors also deliver amazing installation flexibility and hassle-free maintenance in a stylish design that blends into any decor.

Another feature of the VPL-F500 Series is a very wide lens shift range, enabling excellent flexibility when installing a projector and adjusting the image. Lamp and air filter maintenance cycles are synchronized, and are exceptionally long compared to single-lamp and other dual-lamp systems, cutting maintenance time and cost. The VPL-F500 Series therefore delivers a low total cost of ownership (TCO), and additionally includes eco-friendly features such as long-lasting lamps and low power consumption.



## Advanced Installation Projectors

### VPL-F30 Series

For outstanding brightness of up to 6,000 lumens and ultra high-quality images, choose the VPL-F30 Series which combines the most advanced projector technologies with a low-profile design. Along with amazing installation flexibility and hassle-free maintenance, this projector series delivers a stylish design that blends into any decor. These projectors are equipped with an excellent lens shift function and a standard 1.6x zoom lens, making image adjustment easy. They are also compatible with the optional lenses designed for Sony's VPL-F40 Series, extending the range of installation choices. The maintenance cycles of the lamp and cleaning filters are synchronized and exceptionally long, which cuts maintenance time and cost.

Delivering a low TCO, the VPL-F30 Series also has eco-friendly capabilities such as a long-lasting lamp and low power consumption.



## Basic Installation Projectors

### VPL-C300 Series/VPL-C200 Series

The VPL-C Series delivers an outstanding brightness of up to 5300 lumens and ultra high-quality images. Sony's 3LCD BrightEra™ panel technology provides higher picture quality, substantially brighter images, and higher efficiency than comparable projectors. This series also offers installation flexibility, environmentally-friendly features, and a low TCO, in a stylish design that blends into any decor. The lens shift/zoom capability and the image correction feature make it easy for users to fit any image onto the screen, even from an offset projection angle. The projector\*<sup>1</sup> allows simple connectivity using an HDBaseT™\*<sup>2</sup> digital interface, multi-signal transmission system – in effect, creating a high-quality, cost-effective, long-distance digital transmission solution requiring just a single cable. Additionally, these projectors are designed with energy-saving capabilities for optimum energy efficiency, and economy. With all the features and functionality that you expect from Sony, particularly those for installation, projection, usability, and maintenance, VPL-C Series projectors are thoughtfully designed for use in mid- to large-sized classrooms and in conference rooms and other big venues.

\*<sup>1</sup> Two models – the VPL-CH375 and VPL-CH355.

\*<sup>2</sup> HDBaseT™ and the HDBaseT Alliance logo are trademarks of the HDBaseT Alliance.



## Compact Projectors

### VPL-E200 Series

Combining superb image quality with smart energy-saving features, VPL-E200 Series portable projectors enhance learning by delivering powerful presentations that really stand out. Simple to use and wireless-ready, these projectors are ideal for maximizing student engagement in today's networked classrooms, making them ideal partners throughout the busy school day. Sony's BrightEra™ panel technology assures clear pictures in any conditions, from daylight to darkened classrooms. Plenty of interfaces allow easy connection, while the choice of picture modes can optimize viewing with any source – slide presentations, PC documents, pictures, videos, websites, and more. Adding an optional Wi-Fi module lets students and teachers wirelessly share homework, images, and graphics from mobile devices like smartphones and tablets. There's a wide built-in range of smart energy-saving features and, with a recommended lamp replacement time of 10,000 hours, downtime and maintenance costs are minimized.



## Desktop Projectors

### VPL-D100 Series

The features of the VPL-D100 Series are well suited to a wide range of business and education applications, all available at a reasonable price. This user-friendly projector series has a noiseless and simple design, and these projectors are highly portable and easy to setup – exactly what's required for quick preparation in a meeting room, client boardroom, lecture hall, or classroom. With an auto power-saving function and long-lasting lamp replacement time of 10,000 hours, the VPL-D100 Series realizes good energy efficiency along with a good TCO. Sony's reliable BrightEra 3LCD panel offers bright and colorful projection. There's also the convenience of HDMI connectivity and an easy-to-use tablet and smartphone application. Delivering an ideal combination of basic high performance and superior ease of use, these reliable projectors are sure to help deliver engaging and attention-grabbing presentations.



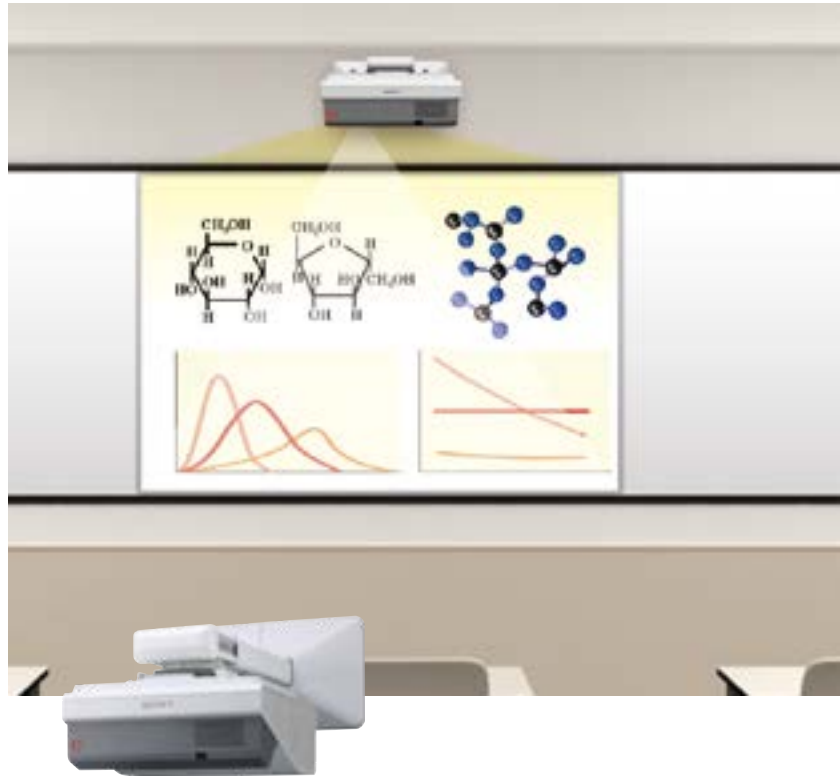


## Ultra Short Throw Projectors

### VPL-S600 Series

Sony also offers a new series of 3LCD ultra short throw projectors, the VPL-S600 Series, to enhance its range for educational and corporate applications, and bring high-quality economical projection into the classroom and meeting room. VPL-S600 Series projectors offer a long lasting lamp time of 8,000 hours\* and achieve outstanding picture quality through 2,600 to 3,200 lumens color brightness. Perfect for smaller classrooms and meeting rooms, the VPL-S600 Series can throw high-resolution images up to approximately 2 m (measured diagonally) onto a whiteboard, wall, or any white surface – from distances as close as 44 cm (with the VPL-SX630). Two models – the VPL-SW630C and VPL-SW620C – come with enhanced interactivity, including dual pen and auto calibration capabilities, as well as additional rich education tools, so it's easier for students and teachers to collaborate effectively in the classroom. All VPL-S600 Series projectors can connect wirelessly with PCs (Windows or Mac) and tablets (iOS or Android).

\* Approximate recommended period, in low mode.



## Short Throw Projectors

### VPL-S200 Series

Sony's VPL-S200 Series data projectors are extremely affordable and ideal for a number of different applications, especially in education and business.

These short throw projectors offer brightness of 2,600 to 3,200 lumens, so images can be clearly seen even in a bright room. In addition, these projectors achieve large-screen projection from very short distances – each has a short focal-length lens which overcomes typical problems such as dazzling the presenter or obscuring the projected image with shadow.

Designed to deliver a low TCO, these projectors also include eco-friendly features such as a long-lasting lamp design and low power consumption. These features combine with ease of use to make the VPL-S Series ideal for both the classroom and the meeting room.



## Data Projector Lineup

### Laser Light Source Projectors



**VPL-FHZ700L**  
WUXGA / 7000 lumens



**VPL-FHZ55**  
WUXGA / 4000 lumens

### Large-Venue Installation Projectors



**VPL-FH500L**  
WUXGA / 7000 lumens

**VPL-FX500L**  
XGA / 7000 lumens

### Advanced Installation Projectors



**VPL-FH36**  
WUXGA / 5200 lumens

**VPL-FX37**  
XGA / 6000 lumens

**VPL-FX30**  
XGA / 4200 lumens

**VPL-FH31**  
WUXGA / 4300 lumens

**VPL-FX35**  
XGA / 5000 lumens

### Basic Installation Projectors



**VPL-CH375**  
WUXGA / 5000 lumens

**VPL-CH355**  
WUXGA / 4000 lumens

**VPL-CW275**  
WXGA / 5100 lumens

**VPL-CX275**  
XGA / 5200 lumens

**VPL-CH370**  
WUXGA / 5000 lumens

**VPL-CH350**  
WUXGA / 4000 lumens

**VPL-CW255**  
WXGA / 4500 lumens

**VPL-CX235**  
XGA / 4100 lumens

### Ultra Short Throw Projectors



**VPL-SW630C**  
WXGA / 3100 lumens

**VPL-SW630**  
WXGA / 3100 lumens

**VPL-SX630**  
XGA / 3200 lumens

**VPL-SW620C**  
WXGA / 2600 lumens

**VPL-SW620**  
WXGA / 2600 lumens

### Short Throw Projectors



**VPL-SW235**  
WXGA / 3000 lumens

**VPL-SX235**  
XGA / 3200 lumens

**VPL-SW225**  
WXGA / 2600 lumens

**VPL-SX225**  
XGA / 2700 lumens

### Compact Projectors



**VPL-EW295**  
WXGA / 3800 lumens

**VPL-EW235**  
WXGA / 2700 lumens

**VPL-EX295**  
XGA / 3800 lumens

**VPL-EX255**  
XGA / 3300 lumens

**VPL-EX235**  
XGA / 2800 lumens

**VPL-EW255**  
WXGA / 3200 lumens

**VPL-EX290**  
XGA / 3800 lumens

**VPL-EX250**  
XGA / 3300 lumens

**VPL-EX230**  
XGA / 2800 lumens

### Desktop Projectors



**VPL-DW127**  
WXGA / 2600 lumens

**VPL-DX147**  
XGA / 3200 lumens

**VPL-DX127**  
XGA / 2600 lumens

**VPL-DX102**  
XGA / 2300 lumens

**VPL-DW122**  
WXGA / 2600 lumens

**VPL-DX142**  
XGA / 3200 lumens

**VPL-DX122**  
XGA / 2600 lumens

## FEATURE COMPARISON

	VPL-FHZ700L	VPL-FH500L	VPL-FX500L	VPL-FH36	VPL-FH31	VPL-FHZ55	VPL-FX37
<b>High Image Quality</b>							
3LCD Projection System	●	●	●	●	●	●	●
BrightEra Technology	●	●	●	●	●	●	●
Picture Mode	●	●	●	●	●	●	●
12 bit-3D Gamma Correction	●	●	●	●	●	●	●
Film Mode/DDE	●	●	●	●	●	●	●
DICOM GSDF Sim.	●	●		●	●	●	
<b>Installation Advantages</b>							
Lens Shift Function	●	●	●	●	●	●	●
Variety of Optional Lenses	●	●	●	●	●	●	●
Center Lens Design	●	●	●	●	●	●	●
Edge Blending	●			●	●	●	
Tilt Angle Free	●					●	
Portrait Installation	●				●	●	
HDBaseT Interface	● <sup>*1</sup>						
Geometric Correction	●			●	●	●	
Vertical Keystone Correction	●	●	●	●	●	●	●
Horizontal Keystone Correction				●	●	●	
Short Throw Projection Distance	●	●	●	●	●	●	●
Blend-in Design	●	●	●	●	●	●	●
Auto Keystone Adjustment							
Panel Alignment	●	●	●	●	●	●	●
Color Matching	●			●	●	●	
<b>Good TCO, Energy-efficient Design</b>							
Synchronized Maintenance	●	●	●	●	●	●	●
Auto Mode	●			●	●	●	
Blank	●			●	●	●	
Lamp Dimming Function	●			●	●	●	
ECO MODE Key	●	●	●	●	●	●	●
Twin-lamp System		●	●				
Laser Light Source	●					●	
<b>Easy of Use</b>							
Network Presentation							
Input Label							
Closed Captioning	●	●	●	●	●	●	●
Network Control	●	●	●	●	●	●	●
Interactive Function							
Picture by Picture	●	●		●	●	●	
USB Media Viewer							
Direct Power On	●	●	●	●	●	●	●
Smart APA	●	●	●	●	●	●	●
Digital Zoom	●	●	●	●	●	●	●
Security Pack	●	●	●	●	●	●	●

\*1 The optional BKM-PJ10 is required.



	VPL-FX35 VPL-FX30	VPL-CH375	VPL-CH370	VPL-CH355	VPL-CH350	VPL-CW275 VPL-CX275	VPL-CW255 VPL-CX235
<b>High Image Quality</b>							
3LCD Projection System	●	●	●	●	●	●	●
BrightEra Technology	●	●	●	●	●	●	●
Picture Mode	●	●	●	●	●	●	●
12 bit-3D Gamma Correction	●	●	●	●	●	●	●
Film Mode/DDE	●	●	●	●	●	●	●
DICOM GSDF Sim.							
<b>Installation Advantages</b>							
Lens Shift Function	●	●	●	●	●	●	●
Variety of Optional Lenses	●						
Center Lens Design	●						
Edge Blending							
Tilt Angle Free							
Portrait Installation	●						
HDBaseT Interface		●		●			
Geometric Correction		●	●	●	●	●	●
Vertical Keystone Correction	●	●	●	●	●	●	●
Horizontal Keystone Correction		●	●	●	●	●	●
Short Throw Projection Distance	●						
Blend-in Design	●	●	●	●	●	●	●
Auto Keystone Adjustment		●	●	●	●	●	●
Panel Alignment	●						
Color Matching							
<b>Good TCO, Energy-efficient Design</b>							
Synchronized Maintenance	●						
Auto Mode		●	●			●	
Blank		●	●	●	●	●	●
Lamp Dimming Function		●	●	●	●	●	●
ECO MODE Key	●	●	●	●	●	●	●
Twin-lamp System							
Laser Light Source							
<b>Easy of Use</b>							
Network Presentation							
Input Label							
Closed Captioning	●	●	●	●	●	●	●
Network Control	●	●	●	●	●	●	●
Interactive Function							
Picture by Picture							
USB Media Viewer							
Direct Power On	●	●	●	●	●	●	●
Smart APA	●	●	●	●	●	●	●
Digital Zoom	●	●	●	●	●	●	●
Security Pack	●	●	●	●	●	●	●

## FEATURE COMPARISON

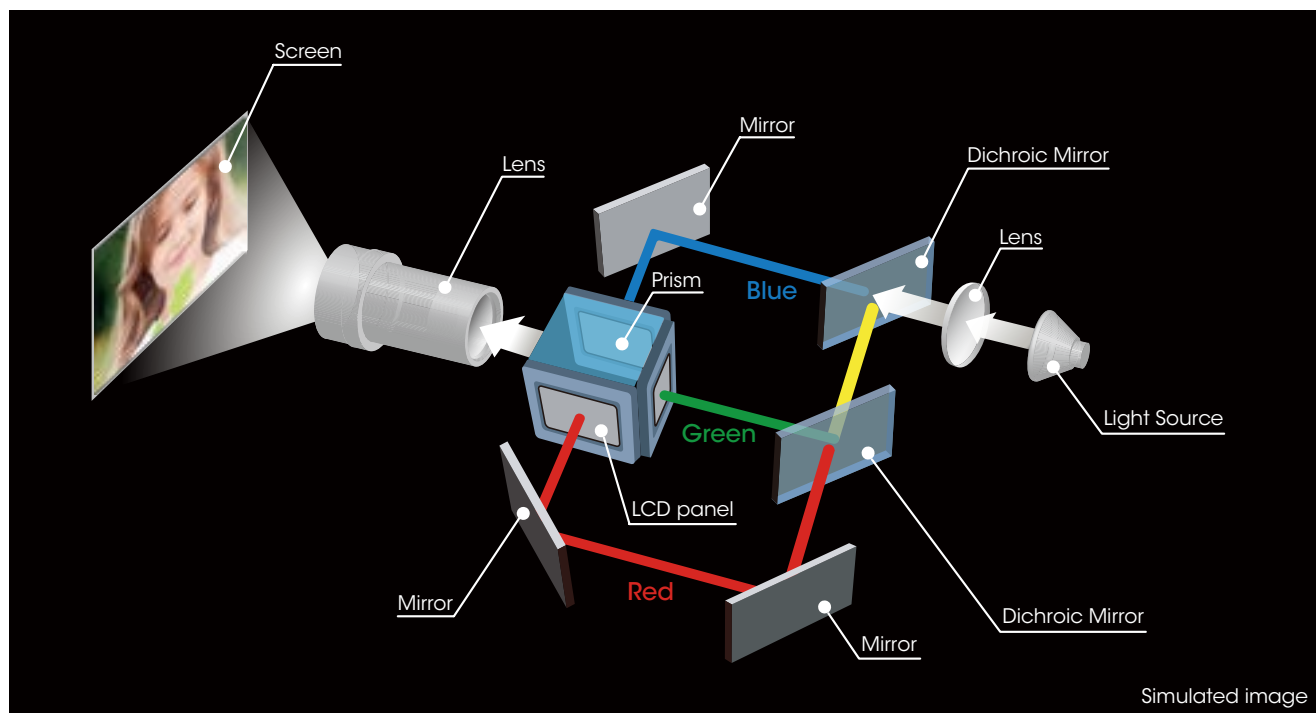
	VPL-EW295 VPL-EW255 VPL-EW235 VPL-EX295	VPL-EX290 VPL-EX255 VPL-EX250 VPL-EX235 VPL-EX230	VPL-DW127 VPL-DX147 VPL-DX127	VPL-DW122 VPL-DX142 VPL-DX122 VPL-DX102	VPL-SW630C VPL-SW620C	VPL-SW630 VPL-SW620 VPL-SX630	VPL-SW235 VPL-SW225 VPL-SX235 VPL-SX225
<b>High Image Quality</b>							
3LCD Projection System	●		●	●	●	●	●
BrightEra Technology	●		●	●	●	●	●
Picture Mode	●		●	●	●	●	●
12 bit-3D Gamma Correction	●		●	●	●	●	●
Film Mode/DDE	●		●	●	●	●	●
DICOM GSDF Sim.							
<b>Installation Advantages</b>							
Lens Shift Function					●	●	
Variety of Optional Lenses							
Center Lens Design							
Edge Blending							
Tilt Angle Free							
Portrait Installation							
HDBaseT Interface							
Geometric Correction							
Vertical Keystone Correction	●		●	●	●	●	●
Horizontal Keystone Correction							
Short Throw Projection Distance					●	●	●
Blend-in Design	●		●	●	●	●	●
Auto Keystone Adjustment	●		●	●	●	●	●
Panel Alignment							
Color Matching							
<b>Good TCO, Energy-efficient Design</b>							
Synchronized Maintenance					●	●	
Auto Mode	●		●	●	●	●	●
Blank	●		●	●	●	●	●
Lamp Dimming Function	●		●	●	●	●	●
ECO MODE Key	●		●	●	●	●	●
Twin-lamp System							
Laser Light Source							
<b>Easy of Use</b>							
Network Presentation	●		●		●	●	●
Input Label	●		●				
Closed Captioning	●		●	●	●	●	●
Network Control	●		●		●	●	●
Interactive Function					●		
Picture by Picture							
USB Media Viewer	●		●		●	●	●
Direct Power On	●		●	●	●	●	●
Smart APA	●		●	●	●	●	●
Digital Zoom	●		●	●	●	●	●
Security Pack	●		●	●	●	●	●

# FEATURES

## High Image Quality

### 3LCD BrightEra™ Natural and Vivid Color Images

Thanks to the optical system constantly projecting three basic colors, all of these projectors offer excellent light efficiency with colorful and bright images. Sony's BrightEra™ panels deliver improved panel light resistance, higher resolution, high brightness, and increased panel reliability. High color reproducibility is important especially when using colorful content, such as materials typically used in classrooms.



### High-resolution WUXGA Image

These projectors deliver an amazing resolution of WUXGA (1920 x 1200), which exceeds Full-HD resolution (1920 x 1080).

They also allow projection in a wider-than-usual display range. More information can be displayed on the screen, so the user can see the whole page without scrolling.

Extremely clear and detailed high-quality images are projected, even on a large screen, and native Full-HD images can be projected full screen. These ground-breaking projectors are optimized to project images in a range of applications requiring exceptional detail.



WXGA picture quality



WUXGA picture quality

Simulated image  
Licensed by Tokyo Tower

## Various Picture Modes for Optimal Picture Quality

These projectors have six available picture modes for correct picture quality: Dynamic, Standard, Presentation, Blackboard, Game, and Cinema. With six picture modes and three brightness modes combined, the user can select the most suitable picture / brightness combination according to the picture source and environment, to create the optimal image.

### Dynamic



Optimized for presenting in a bright environment, with bright and colorful text, graphics, and images.

### Standard



The picture is ideal to deliver a presentation under fluorescent lights in offices and class-rooms.

### Presentation



This setting delivers the greatest light output, ideal in a bright environment, both inside and outside.

### Game

Ideal to enjoy games in a living room with lots of ambient light.

### Cinema

Fine tuned to enjoy movies in a room with indirect light

### Blackboard

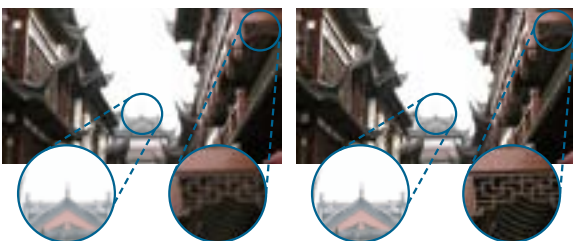


Optimized to deliver clear images on a blackboard in the classroom, supporting the teacher when there is no projection screen.

Simulated image

## High-resolution Lens

These projectors incorporate a high-resolution lens known as the Advanced Crisp Focus (ACF) lens. Its large diameter and fine pitch ensure crisp pictures.



Conventional lens

High-resolution lens

Simulated image

## 12-bit 3D Gamma Correction

Incorporating 12-bit 3D Gamma Correction circuitry, these projectors can perform highly accurate gamma correction, achieving smoother gradations and a richer gray scale.

## Film Mode/DDE

The video signal processing technology that Sony has incorporated in the VPL-FX500L offers I/P conversion and 2-3 pull-down to generate high-quality images with outstanding clarity.

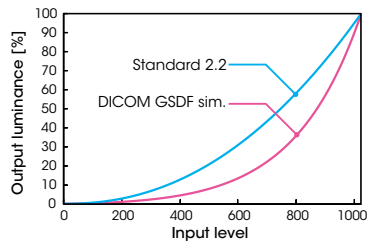


## DICOM GSDF Simulation\*

Each projector is equipped with a new gamma mode, called DICOM GSDF Simulation. This is ideal for viewing digital medical imagery for non-diagnostic applications.

\* Conforms to GSDF (Grayscale Standard Display Function) medical standards for DICOM (Digital Imaging and Communications in Medicine).

\* This function is for training and reference only, and cannot be used for medical diagnosis.



Gamma curve



Standard 2.2



DICOM GSDF simulation

Simulated image

## Edge Blending for Seamless Wide Projection

Built-in features enable the installation of multiple projectors to create one large seamless and uniform image.

\* Finer adjustment can be achieved by using a software application provided separately by Sony.



Overlapping image edge



Without edge blending

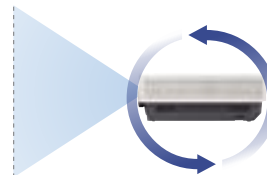


With edge blending

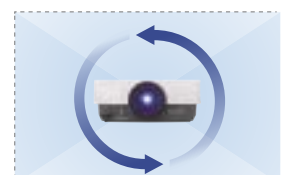
Simulated image

## Tilt Angle-free

Enjoy supreme installation flexibility; position the projector freely at any angle, on its side, or even upside down.



Vertical



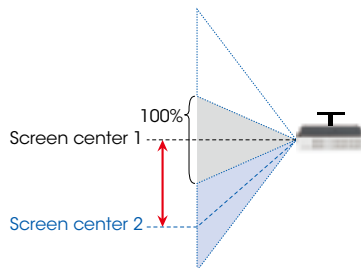
Horizontal

Simulated image

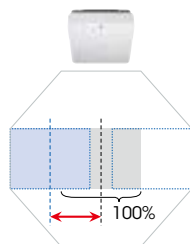
## Installation Advantages

### Lens Shift Function

The lens shift function allows image position to be easily fine-tuned vertically or horizontally.



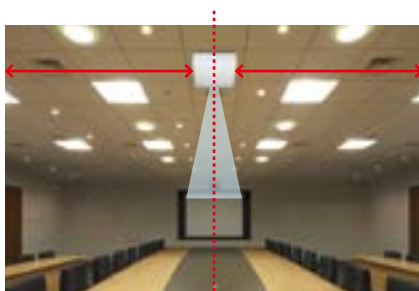
Vertical range



Horizontal range

### Centered Lens Design

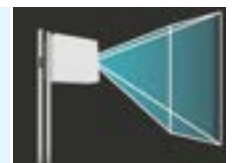
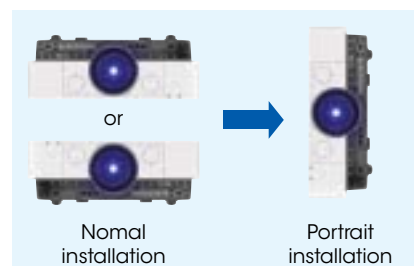
The centered lens provides symmetry for a balanced installation, and makes setup very simple.



Simulated image

## Portrait Mode

The projector is suitable for not only normal installation but also portrait installation, which enables projection of a vertically long screen.



Simulated image

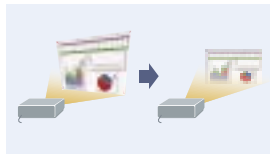
### Simple Installation by HDBaseT

HDBaseT is a multi-signal transmission system via a single cable, which simplifies the installation task. It cuts total system cost by reducing not just cabling requirements but also the number of signal extenders and receiver boxes. One Cat5e/6 cable can run up to 100 meters, reducing the number of cable runs and eliminating the need for signal extenders. And fewer signal extenders and receiver boxes mean fewer potential points of failure. In addition, Cat5e/6 cables are much easier to terminate than cables such as HDMI, and therefore can be simply and quickly terminated even onsite during the installation.



### Advanced Geometric Correction

Each corner and side can be grabbed and fit squarely to the desired position. This feature is useful when offset projection is necessary.



Four corners correction



Four sides correction

simulated images

With these projectors, keystone distortion can be digitally corrected. This enables detailed images to be projected with their correct geometry, even when installation space is limited.

### Vertical/Horizontal Keystone Distortion

With these projectors, keystone distortion of vertically up to  $\pm 30$  degrees and horizontally up to  $\pm 20$  degrees can be digitally corrected via the on-screen operation menu and/or the Remote Commander™ unit. This enables detailed images to be projected with their correct geometry, even when installation space is limited.



Vertical keystone correction

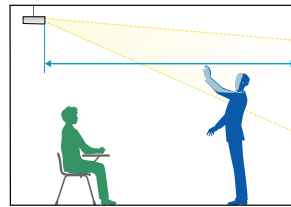


Horizontal keystone correction

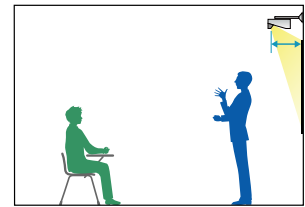
simulated images

### Ultra Short Throw/Short Throw Projection

Each projector is equipped with a short focal length lens, which makes it possible to project images from a short distance. The projector comes equipped with an ultra short focal length lens, which makes it possible to project images from an ever shorter distance. The presenter is not distracted by the projected image, and it's easier for the audience to see the projected image because this minimizes any presenter shadow appearing on the screen.



Normal throw projector



Ultra short throw projector

simulated images

### 'Blend-in' Design

These projectors showcase a new low-profile chassis, and therefore appear to blend into the ceiling or wall on which they are mounted.



simulated images

### Auto Keystone Adjustment

The Auto mode of the Vertical Keystone Adjustment function corrects vertical keystone distortion automatically, enabling detailed images to be projected with their correct geometry.

### Panel Alignment

This feature allows fine adjustment of gaps in the color of characters or the picture.

### Color Matching

Use this feature to correct the brightness and color of the whole projected image manually from the signal level in six steps. Multi-projection images can be adjusted easily.

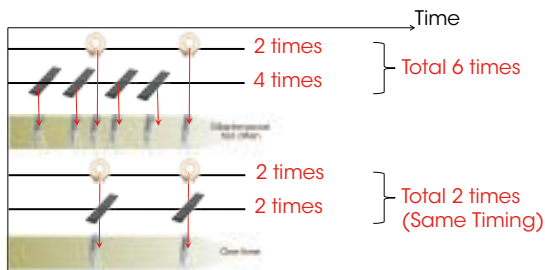
## Good TCO, Energy-efficient Design

### Energy Efficient with Long-lasting Lamp

By incorporating a high-performance lamp and advanced lamp-control technology, Sony's projectors deliver an extremely long lamp replacement time.

### Synchronized Maintenance

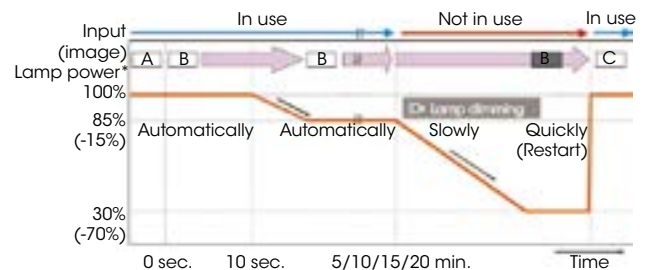
The lamp and dust filters require the same maintenance interval. Synchronizing the timing of lamp and filter maintenance enables users to reduce the numbers of maintenance 'ladder climbs'.



simulated images

### Lamp Dimming Function

After 10 seconds of a static signal feed, the lamp dims by approximate 15% which is hardly noticeable. If one of these projectors is left powered on while not in use, after a set period of time it will automatically detect no change of signal input and will dim the lamp to as low as approximate 30% of original brightness to significantly reduce energy consumption. And the brightness will be back to original quickly when input signal will be changed.



Simulated image

### Auto Power Saving Function

#### Auto Mode (Auto Brightness Adjustment Function)

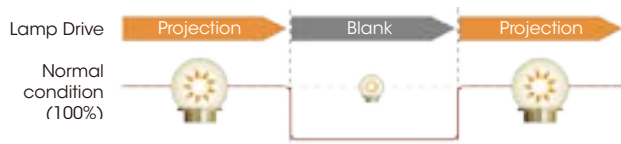
The brightness of the lamp's output is automatically adjusted depending on the brightness of the projected image, to avoid unnecessary power consumption. When showing darker images that don't require high brightness, lamp output decreases.



simulated images

#### Blank

These projectors can temporarily disable video signal output. This function can be easily operated with just the touch of a button on the supplied Remote Commander™ unit. In addition, this function allows blank image projection with low power consumption using lamp control technology.



simulated images

### ECO MODE Key

With a single push of the ECO MODE key on either the projector or the supplied Remote Commander unit, users can select an energy-saving setting from the ECO Mode menu.

### Twin-lamp System for Peace-of-mind Operation

The twin-lamp system on these projectors provides both peace-of-mind and economical operation. The two lamps are alternately used, saving maintenance time and cost.

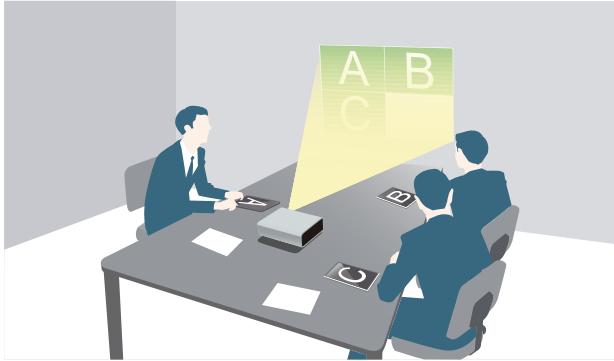


simulated images

## Ease of Use

### Network Presentation (LAN)

When one of these projectors is installed in a LAN, presentations can be projected from any PC and Mac on the network. A tablet or smart phone can also be connected at the same time. Users can project jpg, pdf, and other supported formats. Up to four users can project PC / Mac images simultaneously, while up to eight\*<sup>1</sup> users can connect to one projector.



### Wireless Presentation Software

For MS Windows / Mac OS: Projector Station for Network Presentation

For iOS / Android OS: VueMagic\*<sup>2</sup>

\*<sup>1</sup> Up to seven users for wireless.

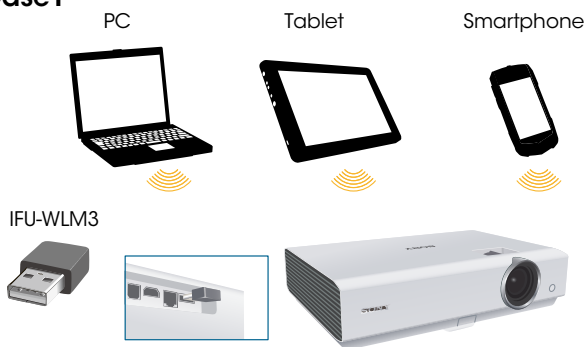
\*<sup>2</sup> The application for tablets and smartphones is provided by Pixelworks.

For details, please visit the following website:

<http://PWPresenter.pixelworks.com>

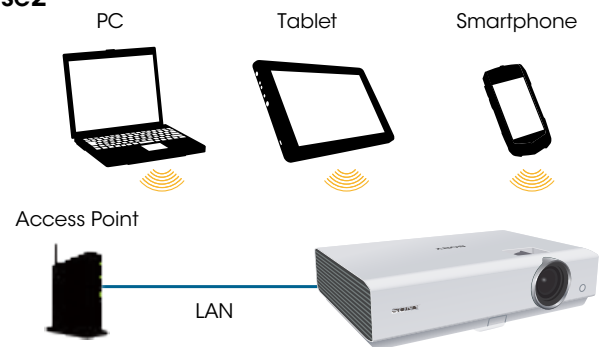


### Case1



For wireless connection, the IFU-WLM3 is required.

### Case2



### Remote Control for iPhone / iPad

Projector Remote is a simple remote control application for Sony's projectors. Networked projectors can be controlled by this remote application, and remote control allows users to operate the projector using simple and easy-to-read buttons.

\* Projector Remote Application: scan the QR code to download FREE today.



Projector Remote



### Input Label

Input Label, which appear in the input menu on screen, can be customized. This gives users a clear understanding of which equipment is connected.



Simulated image

### USB Display

These projectors allow users to display pictures and audio\* with just one USB cable. There's no need to install any driver for this function. This is a convenient and very easy way to connect to the projector.

\* There is a time lag in video and audio. Beyond basic usage, Line-in or HDMI-in is recommended.



## Other Features

### Closed Captioning

Official teletext broadcasting, developed by the NCI, USA

### Network and Control

Controls and monitors projector status  
Compatible with various control systems



### Interactive Function

This function allows interactive capabilities like an interactive whiteboard supported by the projector itself. It is easy to control presentation files using an interactive pen. In addition, two users can draw concurrently on the projection surface, both using pens.

#### File control by interactive pen



Provides the same control function as a mouse

#### Dual pen



Enables two people to use interactive pens concurrently on the projection surface

Simulated image

### Picture-by-Picture

Users can project two different images at the same time, greatly expanding creative possibilities and enabling exciting new applications.



Simulated image

### Multiple Inputs & Outputs

These projectors accept a wide variety of input signals, greatly expanding system connection possibilities.

### USB Media Viewer

Users can directly project data files stored on a USB memory device without a PC.

Supported file formats: JPEG/BMP/PNG/TIF/GIF

### Direct Power On

Activating this function allows the user to skip standby mode to power on/off the projector immediately. Direct Power On is ideal for large-scale facilities such as museums, auditoriums, and conference halls, with images ready for projection as soon as the circuit-breaker on the switchboard is turned on.

### Smart APA

Smart APA (Auto Pixel Alignment) automatically adjust the phase, pitch, and size of a PC image display for optimum picture performance. This allows users to concentrate on their presentations, rather than on time-consuming technical adjustments.

### Digital Zoom

Users can enlarge a section of the image.

### Security Pack

Security lock (password and mechanical), security bar, panel key lock

## Laser light source Projector Dedicated Function

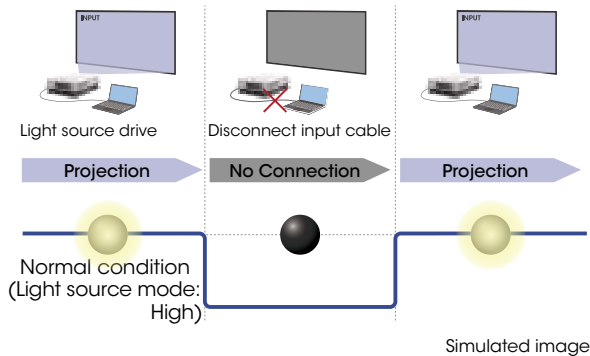
### 20,000 Hours' Maintenance-free Operation

Thanks to its laser light source with control technology, long-life LCD panel, and advanced filter system, the laser light source projector offers up to 20,000 hours\* of operation without maintenance or replacement. Virtually zero maintenance requirements and a range of energysaving features reduce total lifetime ownership costs compared with conventional UHP projectors.

\* Actual hours may vary depending on usage environment.

### Low Power Consumption with No Input

The laser light source projector automatically detects no signal input and dims the light source to as low as approximately 0% of original brightness to significantly reduce energy consumption.



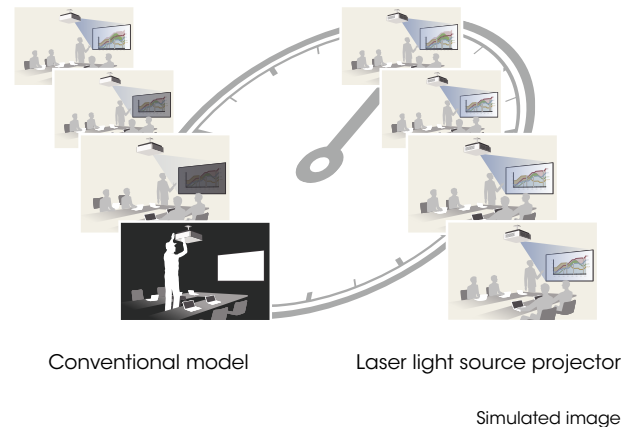
### Extended Mode for Long-term Operation

The laser light source projector provides an entirely predictable and incredibly low TCO (total cost of ownership). Designed for mission-critical applications such as process control monitoring, visualization, and simulation. No lamp changes are required.

Constant Brightness Mode for Stable

### Constant Brightness Mode for Stable Projection

Constant brightness mode allows users to maintain brightness throughout the expected 20,000 hour life by driving the projector at reduced light output. This is useful for applications including digital signage, museums, or even classrooms where you want to maintain a consistent visual experience for the audience.

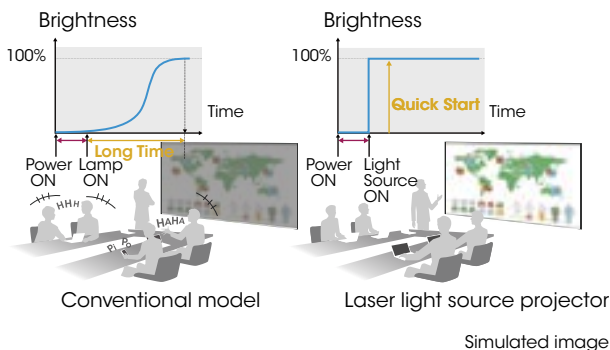


### Hg (Mercury) Free

The laser light source projector laser light source projector is mercury free to provide a more environmentally friendly solution.

### Instant ON/OFF for Smooth Presentations

The laser light source projector delivers instant on/off. Turn it on and you have immediate full brightness. Turn it off and you're done. You're not even limited in the number or duration of on/off cycles. It's the total convenience that today's users expect.



		VPL-FHZ700L	VPL-FH500L	VPL-FX500L	VPL-FH36 VPL-FH31	VPL-FHZ55	VPL-FX37
<b>Optional Accessories</b>							
Replacement lamp	LMP-F331				•		•
	LMP-F330		•	•			
	LMP-F272						
	LMP-F230						
	LMP-C281						
	LMP-C250						
	LMP-C280						
	LMP-C240						
	LMP-E220						
	LMP-E212						
	LMP-D213						
Projection lens adapter	PK-F500LA1	•	•	•			
	PK-F500LA2	•	•	•			
	PK-F30LA1				•		•
Projector Suspension Support Joint Pole	PSS-630P	•	•	•			
Projector Suspension Support	PSS-630	•	•	•			
	PSS-610				•	•	•
	PSS-640						
Projection lenses	VPLL-4008	•	•	•			
	VPLL-Z4011	•	•	•			
	VPLL-Z4015	•	•	•			
	VPLL-Z4019	•	•	•			
	VPLL-Z4025	•	•	•			
	VPLL-Z4045	•	•	•			
	VPLL-FM22	•	•	•			
	VPLL-ZM32		•	•			
	VPLL-ZM42	•	•	•			
	VPLL-ZP41		•	•			
	VPLL-ZM102	•	•	•			
	VPLL-ZM101			•			
	VPLL-Z2009				•	•	•
	VPLL-Z1024				•	•	•
	VPLL-Z1032				•	•	•
Interactive pen device	IFU-PN250A						
	IFU-PN250B						
Wireless LAN Module	IFU-WLM3						
HD-SDI/SDI Input Adaptor	BKM-FW16		•				
Digital Interface Adaptor (HDBaseT)	BKM-PJ10	•					
<b>Supplied Accessories</b>							
Remote commander	RM-PJ27	•					
	RM-PJ19		•	•	•	•	•
	RM-PJ8						
	RM-PJ7						
Wireless LAN Module	IFU-WLM3						

## ACCESSORIES COMPARISON





		VPL-FX35	VPL-FX30	VPL-CH375 VPL-CH370	VPL-CH355 VPL-CH350	VPL-CW275 VPL-CX275	VPL-CW255 VPL-CX235
<b>Optional Accessories</b>							
Replacement lamp	LMP-F331						
	LMP-F330						
	LMP-F272	●					
	LMP-F230		●				
	LMP-C281			●			
	LMP-C250				●		
	LMP-C280					●	
	LMP-C240						●
	LMP-E220						
	LMP-E212						
	LMP-D213						
Projection lens adapter	PK-F500LA1						
	PK-F500LA2						
	PK-F30LA1	●	●				
Projector Suspension Support Joint Pole	PSS-630P						
Projector Suspension Support	PSS-630						
	PSS-610	●	●				
	PSS-640						
Projection lenses	VPLL-4008						
	VPLL-Z4011						
	VPLL-Z4015						
	VPLL-Z4019						
	VPLL-Z4025						
	VPLL-Z4045						
	VPLL-FM22						
	VPLL-ZM32						
	VPLL-ZM42						
	VPLL-ZP41						
	VPLL-ZM102						
	VPLL-ZM101						
	VPLL-Z2009	●	●				
	VPLL-Z1024	●	●				
	VPLL-Z1032	●	●				
Interactive pen device	IFU-PN250A						
	IFU-PN250B						
Wireless LAN Module	IFU-WLM3			●	●		
HD-SDI/SDI Input Adaptor	BKM-FW16						
Digital Interface Adaptor (HDBaseT)	BKM-PJ10						
<b>Supplied Accessories</b>							
Remote commander	RM-PJ27						
	RM-PJ19	●	●				
	RM-PJ8			●	●		
	RM-PJ7					●	●
Wireless LAN Module	IFU-WLM3						







		VPL-EW295 VPL-EW255 VPL-EW235 VPL-EX295 VPL-EX290 VPL-EX255 VPL-EX250 VPL-EX235 VPL-EX230	VPL-DW127 VPL-DX147 VPL-DX127	VPL-DW122 VPL-DX142 VPL-DX122 VPL-DX102	VPL-SW630C VPL-SW620C	VPL-SW630 VPL-SW620 VPL-SX630	VPL-SW235 VPL-SW225 VPL-SX235 VPL-SX225
<b>Optional Accessories</b>							
Replacement lamp	LMP-F331						
	LMP-F330						
	LMP-F272						
	LMP-F230						
	LMP-C281						
	LMP-C250						
	LMP-C280						
	LMP-C240						
	LMP-E220				●	●	
	LMP-E212	●					
	LMP-D213		●	●			●
Projection lens adapter	PK-F500LA1						
	PK-F500LA2						
	PK-F30LA1						
Projector Suspension Support Joint Pole	PSS-630P						
Projector Suspension Support	PSS-630						
	PSS-610						
	PSS-640				●	●	
Projection lenses	VPLL-4008						
	VPLL-Z4011						
	VPLL-Z4015						
	VPLL-Z4019						
	VPLL-Z4025						
	VPLL-Z4045						
	VPLL-FM22						
	VPLL-ZM32						
	VPLL-ZM42						
	VPLL-ZP41						
	VPLL-ZM102						
	VPLL-ZM101						
	VPLL-Z2009						
	VPLL-Z1024						
	VPLL-Z1032						
Interactive pen device	IFU-PN250A				●		
	IFU-PN250B				●		
Wireless LAN Module	IFU-WLM3	●	●		●	●	
HD-SDI/SDI Input Adaptor	BKM-FW16						
Digital Interface Adaptor (HDBaseT)	BKM-PJ10						
<b>Supplied Accessories</b>							
Remote commander	RM-PJ27						
	RM-PJ19						
	RM-PJ8	●	●	●	●	●	●
	RM-PJ7						
Wireless LAN Module	IFU-WLM3		●				

## OPTIONAL LENSES

Projection lens	VPLL-4008	VPLL-Z4011	VPLL-Z4015	VPLL-Z4019
				
Zoom / Focus	— / Manual	Powered / Powered	Powered / Powered	Powered / Powered
Aperture	f/2.00	f/1.75 to 2.40	f/2.20 to 2.60	f/1.70 to 2.10
Screen size*	40" to 600"	60" to 600"	40" to 600"	40" to 600"
Dimensions	W 148 x H 133 x D 240 mm (W 5 13/16 x H 5 1/4 x D 9 7/16 in)	W 157 x H 150 x D 265 mm (W 6 3/16 x H 5 29/32 x D 10 7/16 in)	W 148 x H 133 x D 231 mm (W 5 13/16 x H 5 1/4 x D 9 3/32 in)	W 148 x H 133 x D 212 mm (W 5 13/16 x H 5 1/4 x D 8 11/32 in)
Mass	2.55 kg / 5 lb 10 oz	3.7 kg / 8 lb	3.00 kg / 6 lb 10 oz	3.06 kg / 6 lb 12 oz

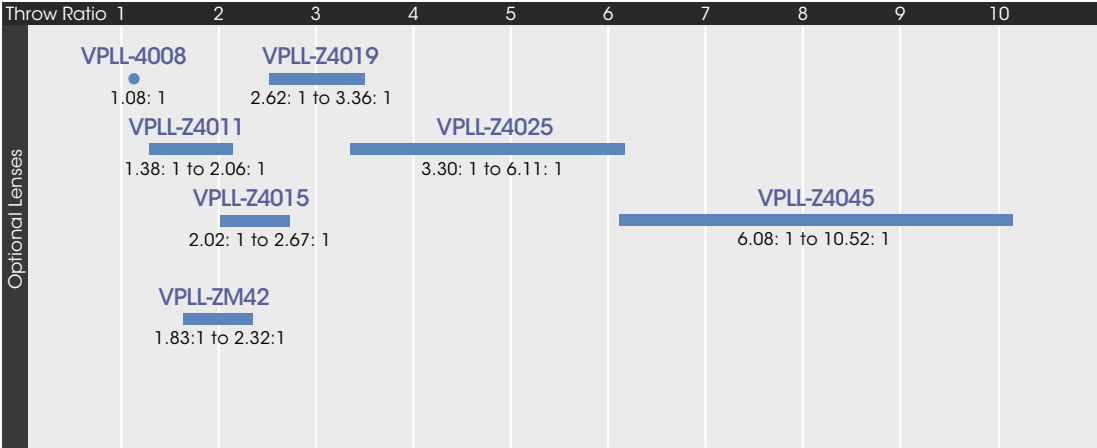
Projection lens	VPLL-Z4025	VPLL-Z4045	VPLL-FM22	VPLL-ZM32
				
Zoom / Focus	Powered / Powered	Powered / Powered	— / Manual	Manual / Manual
Aperture	f/2.20 to 3.10	f/2.20 to 3.60	f/2.00	f/1.76 to 1.96
Screen size*	40" to 600"	60" to 600"	40" to 300"	40" to 300"
Dimensions	W 148 x H 133 x D 243 mm (W 5 13/16 x H 5 1/4 x D 9 9/16 in)	W 148 x H 133 x D 235 mm (W 5 13/16 x H 5 1/4 x D 9 1/4 in)	W 88 x H 88 x D 169 mm (W 3 15/32 x H 3 15/32 x D 6 21/32 in)	W 88 x H 88 x D 159 mm (W 3 15/32 x H 3 15/32 x D 6 1/4 in)
Mass	2.80 kg / 6 lb 3 oz	3.00 kg / 6 lb 10 oz	0.95 kg / 2 lb 2 oz	1.00 kg / 2 lb 3 oz

Projection lens	VPLL-ZM42	VPLL-ZP41	VPLL-ZM102	VPLL-ZM101
				
Zoom / Focus	Manual / Manual	Powered / Powered	Manual / Manual	Manual / Manual
Aperture	f/1.74 to 2.28	f/1.70 to 2.00	f/2.04 to 2.57	f/2.00 to 2.60
Screen size*	40" to 300"	40" to 300"	40" to 300"	40" to 300"
Dimensions	W 88 x H 88 x D 159 mm (W 3 15/32 x H 3 15/32 x D 6 1/4 in)	W 117 x H 110 x D 198 mm (W 4 19/32 x H 4 11/32 x D 7 25/32 in)	W 88 x H 88 x D 198 mm (W 3 15/32 x H 3 15/32 x D 7 25/32 in)	W 100 x H 100 x D 222 mm (W 3 15/16 x H 3 15/16 x D 8 3/4 in)
Mass	0.65 kg / 1 lb 7 oz	1.46 kg / 3 lb 3 oz	1.50 kg / 3 lb 5 oz	1.81 kg / 3 lb 16 oz

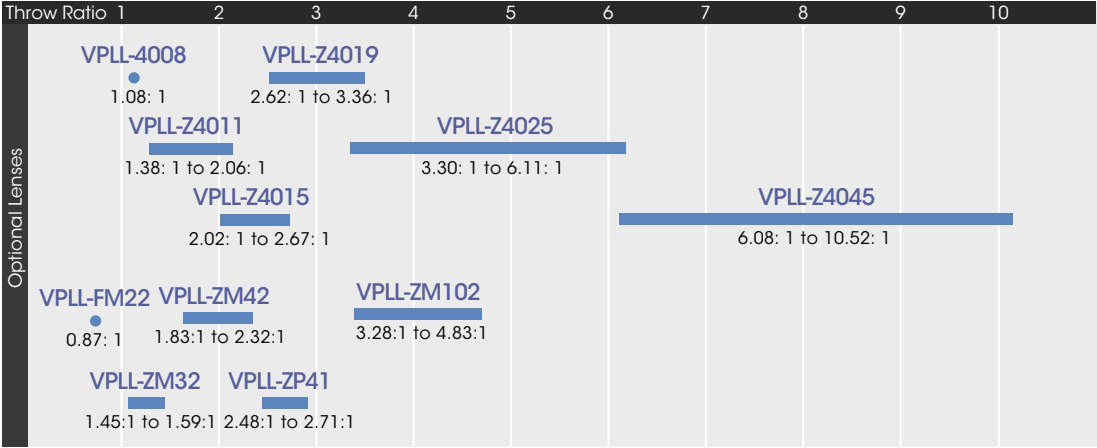
Projection lens	VPLL-Z1024	VPLL-Z1032	VPLL-Z2009
			
Zoom / Focus	Manual / Manual	Manual / Manual	Manual / Manual
Aperture	f/2.00 to 2.30	f/2.00 to 2.40	f/1.85 to 2.1
Screen size*	40" to 600"	40" to 600"	60" to 300"
Dimensions	W 97 x H 87 x D 180 mm (W 3 13/16 x H 3 7/16 x D 7 3/32 in)	W 97 x H 87 x D 177 mm (W 3 13/16 x H 3 7/16 x D 6 31/32 in)	W 165 x H 150 x D 217 mm (W 6 1/2 x H 5 29/32 x D 8 17/32 in)
Mass	1.1 kg / 2 lb 7 oz	1.1 kg / 2 lb 7 oz	1.6 kg / 3.6 lb

# LENS THROW RATIO CHART

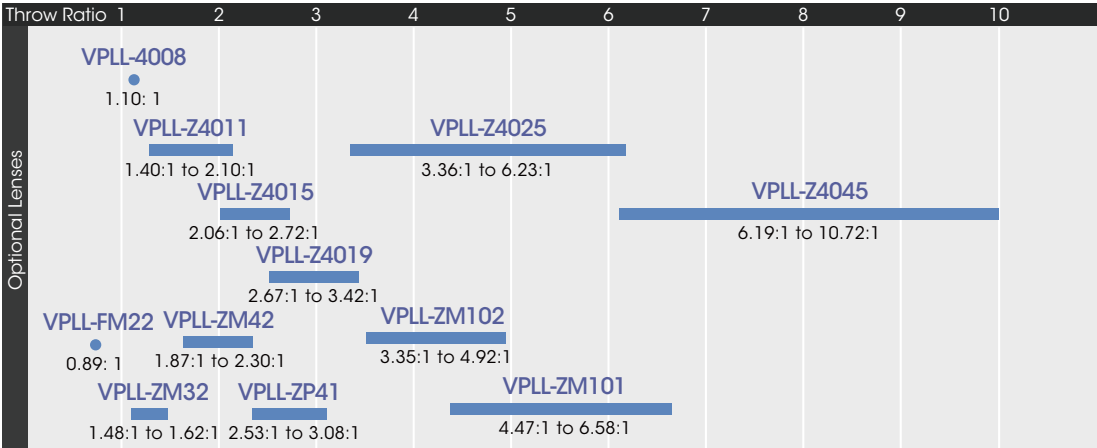
## VPL-FHZ700L



## VPL-FH500L

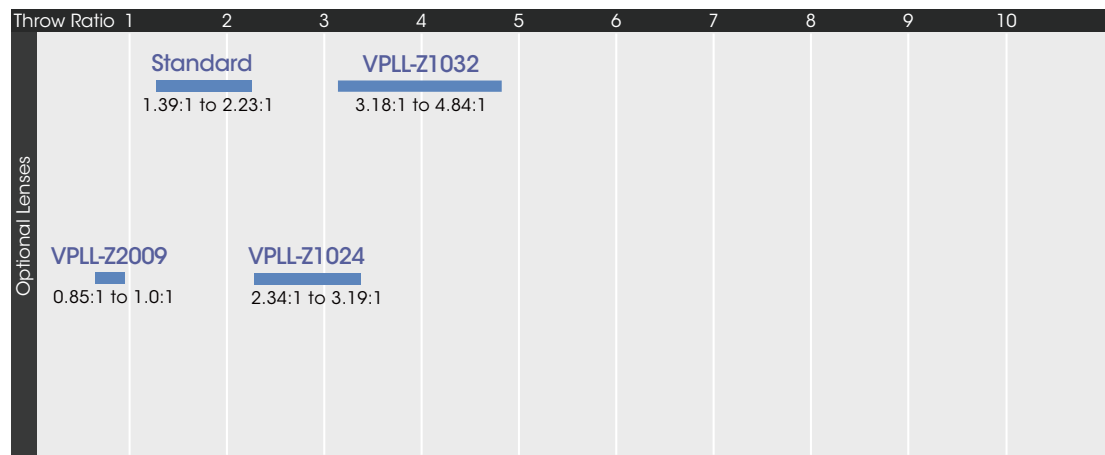


## VPL-FX500L

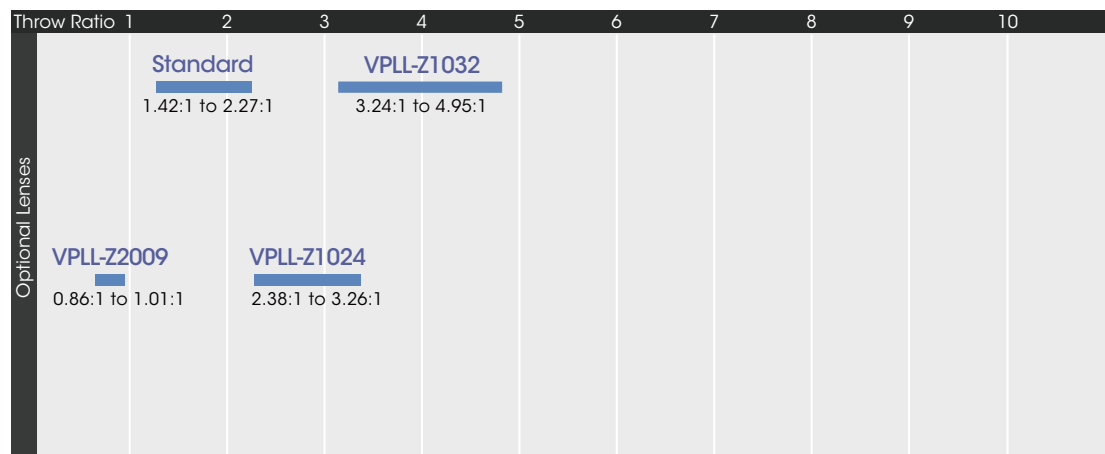


# LENS THROW RATIO CHART

VPL-FHZ55/VPL-FH36/VPL-FH31



VPL-FX37/VPL-FX35/VPL-FX30





## OPTION LENS INFORMATION

Model	Projector	Zoom/Focus	Throw Ratio	Lens Shift Range (V. H)	Lens Adaptor
VPLL-4008	VPL-FHZ700L	— / Manual	1.08:1	+/-41%, +/-19%	N/A
	VPL-FH500L				N/A
	VPL-FX500L		1.10:1	+/-29%, +/-18%	N/A
VPLL-Z4011	VPL-FHZ700L	Powered / Powered	1.38:1 to 2.06:1	+/-110%, +/-57%	N/A
	VPL-FH500L				N/A
	VPL-FX500L		1.40:1 to 2.10:1	+/-86%, +/-57%	N/A
VPLL-Z4015	VPL-FHZ700L	Powered / Powered	2.02:1 to 2.67:1	+/-109%, +/-57%	N/A
	VPL-FH500L				N/A
	VPL-FX500L		2.06:1 to 2.72:1	+/-86%, +/-57%	N/A
VPLL-Z4019	VPL-FHZ700L	Powered / Powered	2.62:1 to 3.36:1	+/-113%, +/-63%	N/A
	VPL-FH500L				N/A
	VPL-FX500L		2.67:1 to 3.42:1	+/-96%, +/-64%	N/A
VPLL-Z4025	VPL-FHZ700L	Powered / Powered	3.30:1 to 6.11:1	+/-113%, +/-63%	N/A
	VPL-FH500L				N/A
	VPL-FX500L		3.36:1 to 6.23:1	+/-96%, +/-64%	N/A
VPLL-Z4045	VPL-FHZ700L	Powered / Powered	6.08:1 to 10.52:1	+/-113%, +/-63%	N/A
	VPL-FH500L				N/A
	VPL-FX500L		6.19:1 to 10.72:1	+/-96%, +/-64%	N/A
VPLL-FM22	VPL-FHZ700L	—	—	—	N/A
	VPL-FH500L	— / Manual	0.87:1	—	PK-F500LA2
	VPL-FX500L		0.89:1	—	
VPLL-ZM32	VPL-FH500L	Manual / Manual	1.45:1 to 1.59:1	+/-59%, +/-31%	PK-F500LA2
	VPL-FX500L		1.48:1 to 1.62:1	+/-50%, +/-32%	
VPLL-ZM42	VPL-FHZ700L	Manual / Manual	1.83:1 to 2.32:1	+/-59%, +/-31%	PK-F500LA2
	VPL-FH500L				
	VPL-FX500L		1.87:1 to 2.30:1	+/-50%, +/-32%	
VPLL-ZP41	VPL-FH500L	Powered / Powered	2.48:1 to 2.71:1	+/-113%, +/-63%	PK-F500LA1
	VPL-FX500L		2.53:1 to 3.08:1	+/-96%, +/-64%	
VPLL-ZM102	VPL-FH500L	Manual / Manual	3.28:1 to 4.83:1	+/-59%, +/-31%	PK-F500LA2
	VPL-FX500L		3.35:1 to 4.92:1	+/-50%, +/-32%	
VPLL-ZM101	VPL-FX500L	Manual / Manual	4.47:1 to 6.58:1	+/-96%, +/-64%	PK-F500LA1
VPLL-Z1024	VPL-FHZ55	Manual / Manual	2.34:1 to 3.19:1	0% - +60%, +/-32%	PK-F30LA1
	VPL-FH36				
	VPL-FH31				
VPLL-Z1032	VPL-FX37	Manual / Manual	2.38:1 to 3.26:1	0% - +51%, +/-33%	PK-F30LA1
	VPL-FX35				
	VPL-FX30				
VPLL-Z1032	VPL-FHZ55	Manual / Manual	3.18:1 to 4.84:1	0% - +60%, +/-32%	PK-F30LA1
	VPL-FH36				
	VPL-FH31				
VPLL-Z2009	VPL-FX37	Manual / Manual	3.24:1 to 4.95:1	0% - +51%, +/-33%	PK-F30LA1
	VPL-FX35				
	VPL-FX30				
VPLL-Z2009	VPL-FHZ55	Manual / Manual	0.85:1 to 1.0:1	0% - +50%, +/-24%	N/A
	VPL-FH36				
	VPL-FH31				
VPLL-Z2009	VPL-FX37	Manual / Manual	0.86:1 to 1.01:1	0% - +37%, +/-23%	N/A
	VPL-FX35				
	VPL-FX30				

## OPTIONAL ACCESSORIES



**LMP-F331**  
Projector Lamp  
(for replacement)



**LMP-F330**  
Projector Lamp  
(Replacement filters included)



**LMP-F272**  
Projector Lamp  
(for replacement)



**LMP-F230**  
Projector Lamp  
(for replacement)



**LMP-C281**  
Projector Lamp  
(for replacement)



**LMP-C250**  
Projector Lamp  
(for replacement)



**LMP-C280**  
Projector Lamp  
(for replacement)



**LMP-C240**  
Projector Lamp  
(for replacement)



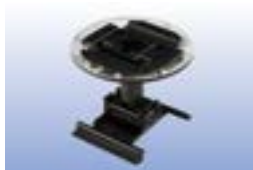
**LMP-E220**  
Projector Lamp  
(for replacement)



**LMP-E212**  
Projector Lamp  
(for replacement)



**LMP-D213**  
Projector Lamp  
(for replacement)



**PSS-630**  
Projector Suspension support



**PSS-630P**  
Projector Suspension  
Support Joint Pole



**PSS-610**  
Projector Suspension Support



**PK-F500LA1**  
Projection Lens Adapter



**PK-F500LA2**  
Projection Lens Adapter



**PK-F30LA1**  
Projector Lens Adapter



**BKM-FW16**  
HD-SDI/SDI Input Adaptor



**BKM-PJ10**  
Digital Interface Adaptor



**IFU-PN250A**  
Interactive Pen Device



**IFU-PN250B**  
Interactive Pen Device

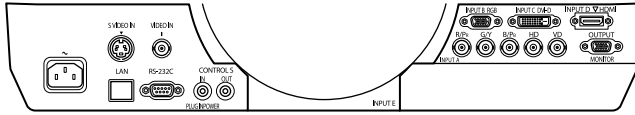


**IFU-WLM3**  
USB wireless LAN module

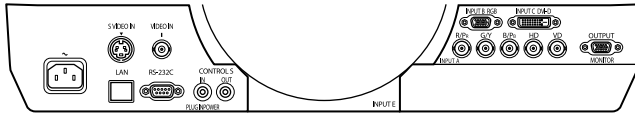
# CONNECTOR PANELS

## Advanced Installation Projectors

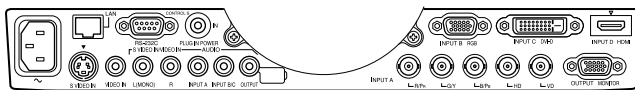
VPL-FHZ700L / VPL-FH500L



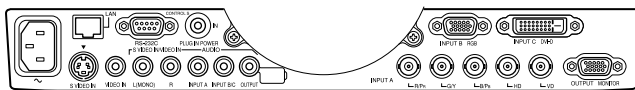
VPL-FX500L



VPL-FHZ55 / VPL-FH36 / VPL-FH31

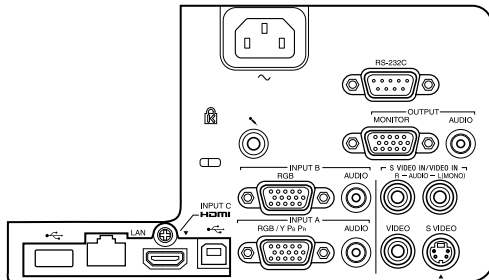


VPL-FX37 / VPL-FX35 / VPL-FX30



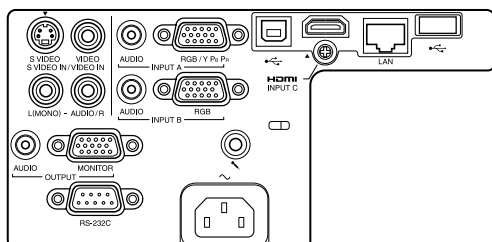
## Ultra Short Throw Projectors

VPL-SW630C / VPL-SW630  
VPL-SW620C / VPL-SW620 / VPL-SX630



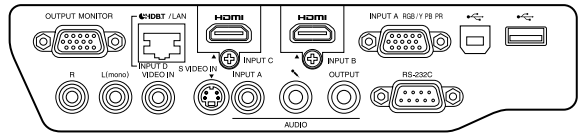
## Short Throw Projectors

VPL-SW235 / VPL-SW225 / VPL-SX235 / VPL-SX225

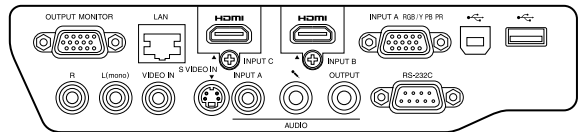


## Basic Installation Projectors

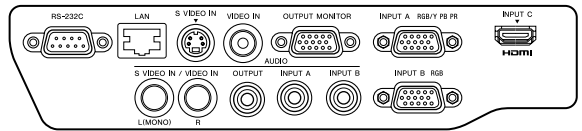
VPL-CH375, VPL-CH355



VPL-CH370, VPL-CH350

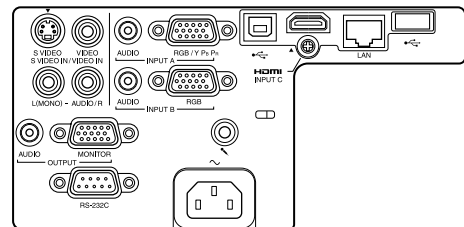


VPL-CW275 / VPL-CW255  
VPL-CX275 / VPL-CX235

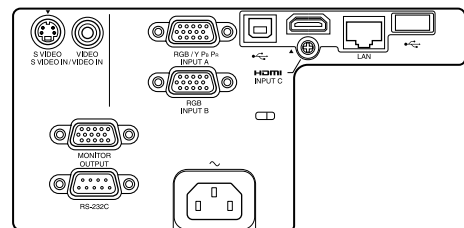


## Compact Projectors

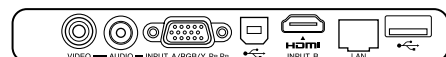
VPL-EW295 / VPL-EW255 / VPL-EW235  
VPL-EX295 / VPL-EX255 / VPL-EX235



VPL-EX290 / VPL-EX250 / VPL-EX230



VPL-DW127 / VPL-DX147 / VPL-DX127

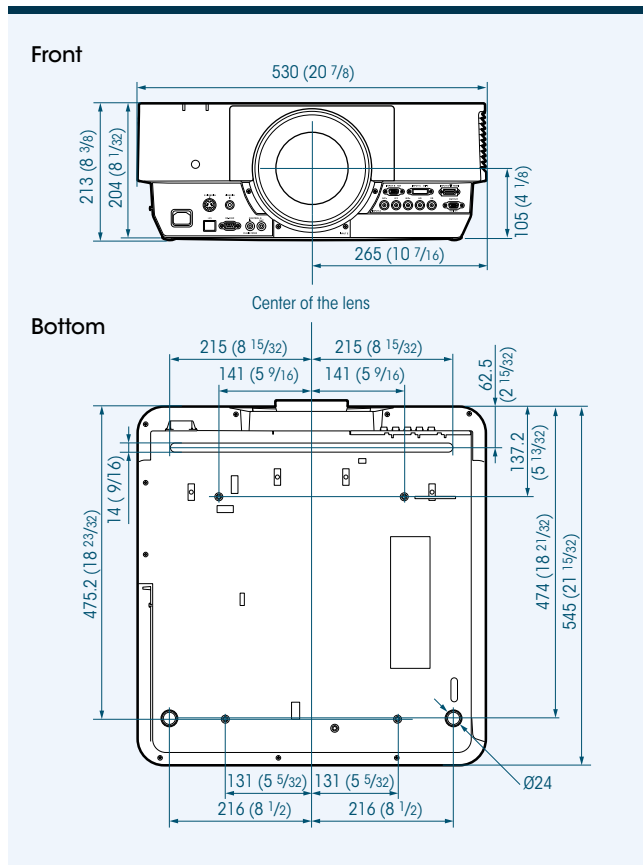


VPL-DW122 /  
VPL-DX142 / VPL-DX122 / VPL-DX102

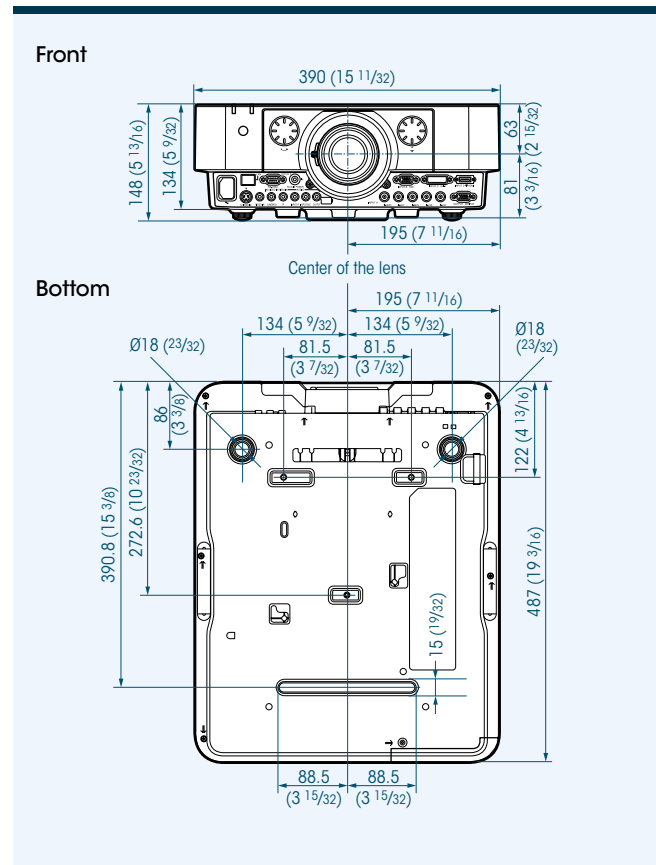


# DIMENSIONS

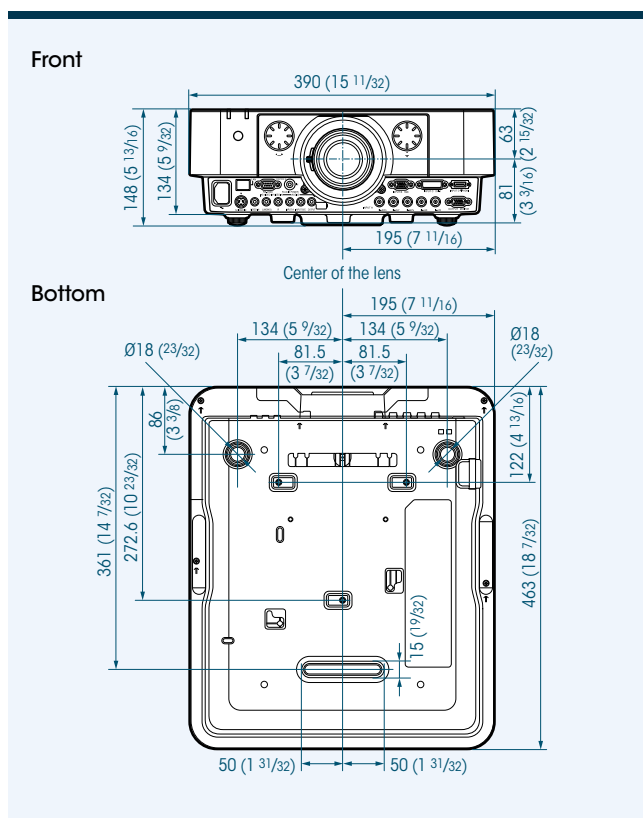
## VPL-FHZ700L / VPL-FH500L / VPL-FX500L



## VPL-FHZ55

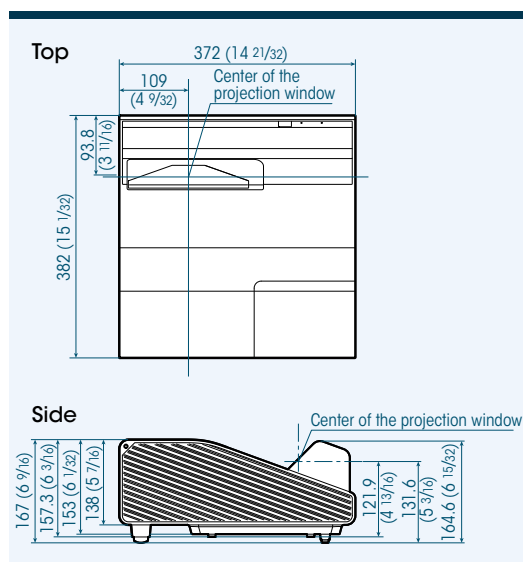


## VPL-FH36 / VPL-FH31 / VPL-FX37 VPL-FX35 / VPL-FX30

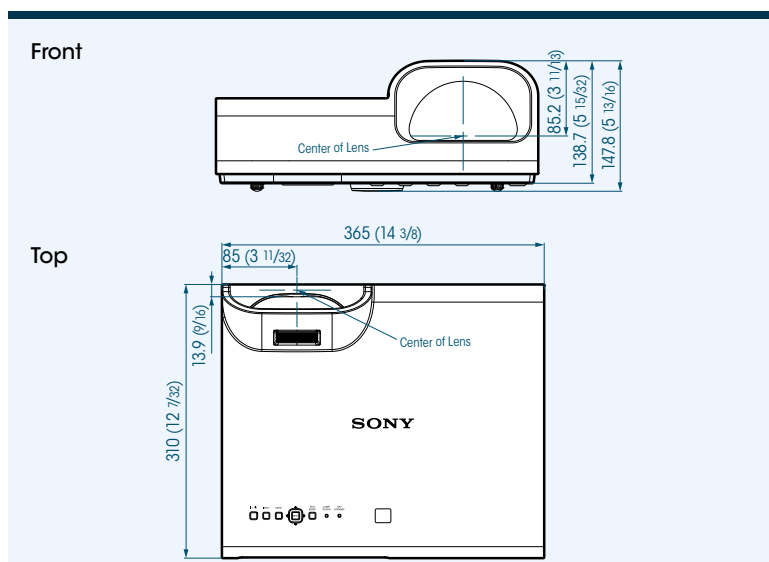


# DIMENSIONS

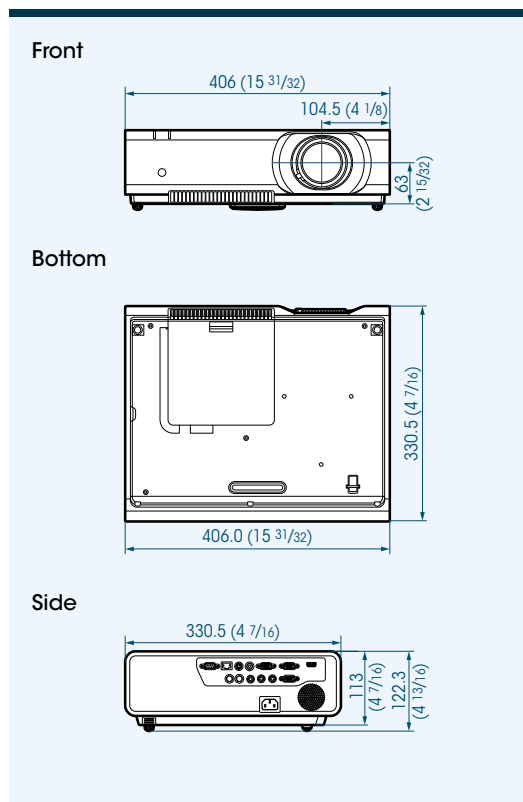
## VPL-SW630C / VPL-SW620C VPL-SW630 / VPL-SW620 / VPL-SX630



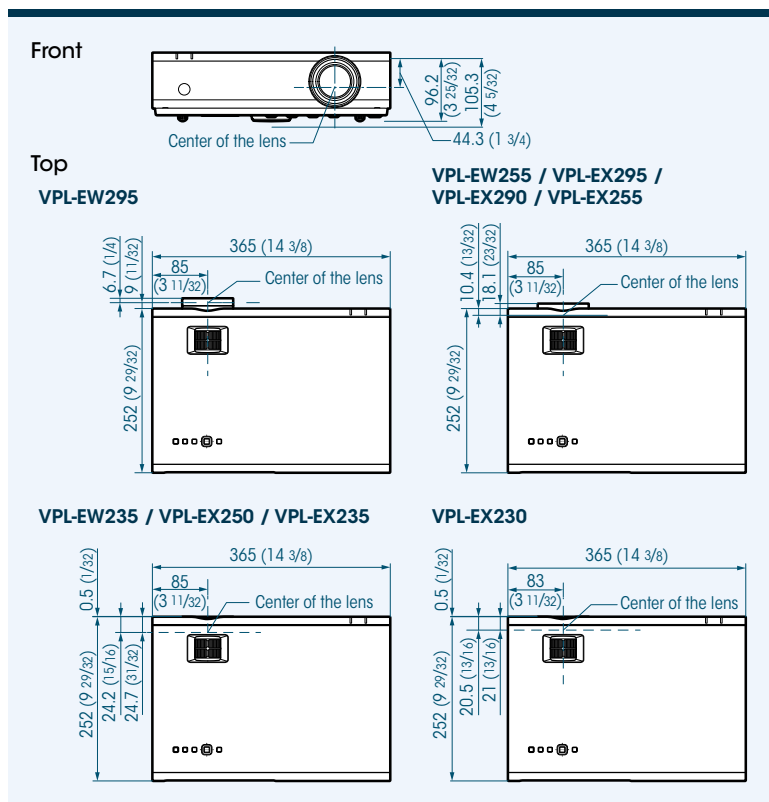
## VPL-SW235 / VPL-SW225 / VPL-SX235 / VPL-SX225



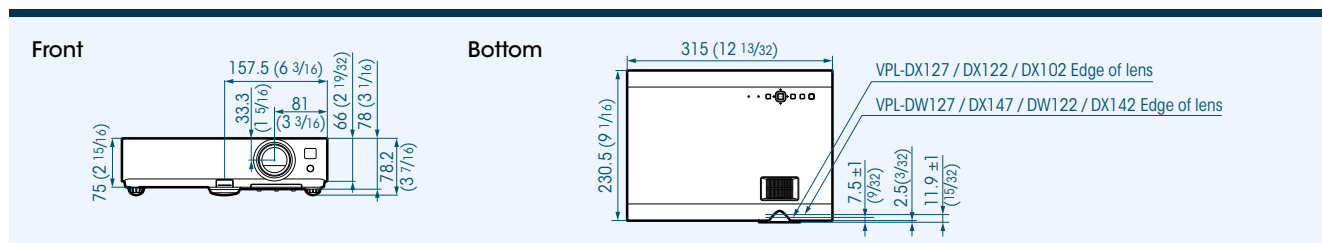
## VPL-CH375 / VPL-CH370 / VPL-CH355 VPL-CH350 / VPL-CW275 / VPL-CW255 VPL-CX275 / VPL-CX235



## VPL-EW295 / VPL-EW255 / VPL-EW235 / VPL-EX295 VPL-EX255 / VPL-EX235 / VPL-EX290 / VPL-EX250 / VPL-EX230













## VPL-DW127 / VPL-DW122 / VPL-DX147 / VPL-DX142 / VPL-DX127 / VPL-DX122 / VPL-DX102




















---

30






							
Model Name			VPL-FH255	VPL-FX37	VPL-FX35	VPL-FX30	VPL-CH375
							
Optical							
Display system			3 LCD system	3 LCD system	3 LCD system	3 LCD system	3 LCD system
Display device	Size of effective display area		0.76" (19.3 mm)	0.79" (20.1 mm)	0.79" (20.1 mm)	0.79" (20.1 mm)	0.64" (16.3 mm)
	Number of pixels		WUXGA (1920 x 1200)	XGA (1024 x 768)	XGA (1024 x 768)	XGA (1024 x 768)	WUXGA (1920 x 1200)
	Aspect ratio		16:10	4:3	4:3	4:3	16:10
Projection lens	Focus		Manual	Manual	Manual	Manual	Manual
	Zoom	Powered / Manual	Manual	Manual	Manual	Manual	Manual
		Ratio	Approx. 1.6 x	Approx. 1.6 x	Approx. 1.6 x	Approx. 1.6 x	Approx. 1.45 x
	Lens shift	Powered / Manual	Manual	Manual	Manual	Manual	Manual
		Range	Vertical + 60%	+ 51%	+ 51%	+ 51%	+/- 5%
			Horizontal +/- 32%	+/- 33%	+/- 33%	+/- 33%	+/- 4%
Throw ratio			1.39:1 to 2.23:1	1.42:1 to 2.27:1	1.42:1 to 2.27:1	1.42:1 to 2.27:1	1.5:1 to 2.2:1
	Type		Laser diode	UHP <sup>2</sup> lamp	UHP <sup>2</sup> lamp	UHP <sup>2</sup> lamp	UHP <sup>2</sup> lamp
	Wattage		–	330 W type	275 W type	230 W type	280 W type
	System		–	–	–	–	–
Recommended lamp replacement time <sup>*3</sup>	Lamp mode: High		–	2500 H	3000 H	4000 H	2500 H
	Lamp mode: Standard		–	3500 H	4000 H	5000 H	3000 H
	Lamp mode: Low		–	–	–	–	3500 H
Filter cleaning / replacement cycle <sup>*3</sup> (Max.)			20000 H (cleaning)	15000 H <sup>5</sup> (cleaning)	15000 H <sup>5</sup> (cleaning)	15000 H <sup>5</sup> (cleaning)	3500 H <sup>5</sup> (cleaning)
Screen size			40" to 600" (1.02 m to 15.24 m)	40" to 600" (1.02 m to 15.24 m)	40" to 600" (1.02 m to 15.24 m)	40" to 600" (1.02 m to 15.24 m)	40" to 300" (1.02 m to 7.62 m)
Light output	Lamp mode: High		4000 lm	6000 lm	5000 lm	4200 lm	5000 lm
	Lamp mode: Standard		3000 lm	4500 lm <sup>13</sup>	4000 lm <sup>13</sup>	3000 lm <sup>13</sup>	3600 lm <sup>13</sup>
	Lamp mode: Low		–	–	–	–	3100 lm <sup>13</sup>
Color light output	Lamp mode: High		4000 lm	6000 lm	5000 lm	4200 lm	5000 lm
	Lamp mode: Standard		3000 lm	4500 lm <sup>13</sup>	4000 lm <sup>13</sup>	3000 lm <sup>13</sup>	3600 lm <sup>13</sup>
	Lamp mode: Low		–	–	–	–	3100 lm <sup>13</sup>
			Contrast ratio (full white / full black) <sup>*7</sup>			8000:1	2000:1
Signal Input/Output							
Input	Composite video	BNC	–	–	–	–	–
		Pin Jack	1	1	1	1	1
	S video	Mini DIN 4-pin	1	1	1	1	1
	Computer	5BNC	1	1	1	1	–
		Mini D-sub 15-pin	1	1	1	1	1
	Component	–	–	–	–	–	–
	DVI-D (HDCP)	1	1	1	1	–	–
	HDMI (HDCP)	1	–	–	–	–	2
	Audio	Pin Jack (L/R)	1	1	1	1	1
		Stereo mini jack	2	2	2	2	1
Option board slot			–	–	–	–	–
Output	Monitor	Mini D-sub 15-pin	1 <sup>*8</sup>	1 <sup>*8</sup>	1 <sup>*8</sup>	1 <sup>*8</sup>	1 <sup>*8</sup>
	Audio <sup>*10</sup>	Stereo mini jack	1	1	1	1	1
I/O, Control, Others	RS-232C	D-sub 9-pin	1 (female)	1 (female)	1 (female)	1 (female)	1 (male)
	LAN	RJ-45, 10BASE-T/100BASE-TX	1	1	1	1	1 (HDBaseT)
	IR (Control S) input	Stereo mini jack, Plug in power DC 5 V	1	1	1	1	–
	IR (Control S) output	Stereo mini jack	–	–	–	–	–
	USB	Type A	–	–	–	–	1
		Type B	–	–	–	–	1
	Microphone input	Mini jack	–	–	–	–	1
	Wireless	–	–	–	–	–	IFU-WLM3(Option) <sup>*14</sup>
General							
Speaker			–	–	–	–	12 W x 1 (monaural)
Keystone correction (Max.) <sup>*11</sup>	Vertical		+/- 30°	+/- 30°	+/- 30°	+/- 30°	+/- 30°
	Horizontal		+/- 30°	–	–	–	+/- 20°
Power requirements			AC 100 V to 240 V 4.6 A to 1.9 A, 50/60 Hz	AC 100 V to 240 V 4.5 A to 1.8 A, 50/60 Hz	AC 100 V to 240 V 3.8 A to 1.6 A, 50/60 Hz	AC 100 V to 240 V 3.3 A to 1.3 A, 50/60 Hz	AC 100 V to 240 V 3.9 A to 1.7 A, 50/60 Hz
Power consumption	AC 100 V to 120 V	Lamp mode: High	449 W	450 W	380 W	330 W	388 W
		Lamp mode: Standard	364 W <sup>13</sup>	365 W <sup>13</sup>	310 W <sup>13</sup>	260 W <sup>13</sup>	315 W <sup>13</sup>
		Lamp mode: Low	–	–	–	–	279 W <sup>13</sup>
	AC 220 V to 240 V	Lamp mode: High	426 W	430 W	360 W	310 W	367 W
		Lamp mode: Standard	348 W <sup>13</sup>	350 W <sup>13</sup>	300 W <sup>13</sup>	245 W <sup>13</sup>	299 W <sup>13</sup>
		Lamp mode: Low	–	–	–	–	266 W <sup>13</sup>
Standby mode power consumption	AC 100 V to 120 V	Standard	8.5 W	11 W	11 W	11 W	6.1 W
		Low	0.15 W	0.15 W	0.15 W	0.15 W	0.3 W
	AC 220 V to 240 V	Standard	9.5 W	12 W	12 W	12 W	6.2 W
		Low	0.3 W	0.3 W	0.3 W	0.3 W	0.5 W
Heat dissipation	AC 100 V to 120 V	–	1528 BTU	1536 BTU	1297 BTU	1126 BTU	1323 BTU
	AC 220 V to 240 V	–	1450 BTU	1467 BTU	1228 BTU	1058 BTU	1252 BTU
Dimensions (W x H x D) (without protrusions)			390 x 134 x 487 mm 15 11/32 x 5 9/32 x 19 7/16 in	390 x 134 x 463 mm 15 11/32 x 5 9/32 x 18 7/32 in	390 x 134 x 463 mm 15 11/32 x 5 9/32 x 18 7/32 in	390 x 134 x 463 mm 15 11/32 x 5 9/32 x 18 7/32 in	406 x 113 x 330.5 mm 15 31/32 x 4 7/16 x 13 in
Mass			11 kg / 25 lb	8.1 kg / 17 lb	8.0 kg / 17 lb	7.9 kg / 17 lb	5.7 kg
Supplied accessories		Remote commander	RM-PJ19	RM-PJ19	RM-PJ19	RM-PJ19	RM-PJ8
		Wireless LAN Module	–	–	–	–	–
Optional accessories		Replacement lamp	–	LMP-F331	LMP-F272	LMP-F230	LMP-C281
		Projection lenses	VPLL-Z1024/Z1032/Z2009	VPLL-Z1024/Z1032/Z2009	VPLL-Z1024/Z1032/Z2009	VPLL-Z1024/Z1032/Z2009	–
		Projection lens adapter	PK-F30LA1	PK-F30LA1	PK-F30LA1	PK-F30LA1	–
		Interactive pen device	–	–	–	–	–
		Wireless LAN Module	–	–	–	–	IFU-WLM3






			BrightEra™	BrightEra™	BrightEra™	BrightEra™	BrightEra™
Model Name			VPL-CH370	VPL-CH355	VPL-CH350	VPL-CW275	VPL-CW255
							
<b>Optical</b>							
Display system			3 LCD system	3 LCD system	3 LCD system	3 LCD system	3 LCD system
Display device	Size of effective display area		0.64" (16.3 mm)	0.64" (16.3 mm)	0.64" (16.3 mm)	0.75" (19.0 mm)	0.75" (19.0 mm)
	Number of pixels		WUXGA (1920 x 1200)	WUXGA (1920 x 1200)	WUXGA (1920 x 1200)	WXGA (1280 x 800)	WXGA (1280 x 800)
	Aspect ratio		16:10	16:10	16:10	16:10	16:10
Projection lens	Focus		Manual	Manual	Manual	Manual	Manual
	Zoom	Powered / Manual	Manual	Manual	Manual	Manual	Manual
		Ratio	Approx. 1.45 x	Approx. 1.45 x	Approx. 1.45 x	Approx. 1.5 x	Approx. 1.5 x
	Lens shift	Powered / Manual	Manual	Manual	Manual	Manual	Manual
		Range	Vertical +/- 5%	+/- 5%	+/- 5%	+/- 5%	+/- 5%
		Horizontal	+/- 4%	+/- 4%	+/- 4%	+/- 3%	+/- 3%
	Throw ratio		1.5:1 to 2.2:1	1.5:1 to 2.2:1	1.5:1 to 2.2:1	1.32:1 to 1.91:1	1.32:1 to 1.91:1
Light source	Type		UHP <sup>2</sup> lamp	UHP <sup>2</sup> lamp	UHP <sup>2</sup> lamp	UHP <sup>2</sup> lamp	UHP <sup>2</sup> lamp
	Wattage		280 W type	250 W type	250 W type	280 W type	245 W type
	System		—	—	—	—	—
Recommended lamp replacement time <sup>*3</sup>	Lamp mode: High		2500 H	3000 H	3000 H	3000 H	3000 H
	Lamp mode: Standard		3000 H	4000 H	4000 H	4000 H	4000 H
	Lamp mode: Low		3500 H	5000 H	5000 H	—	5000 H
Filter cleaning / replacement cycle <sup>*3</sup> (Max.)			3500 H <sup>*5</sup> (cleaning)	5000 H <sup>*5</sup> (cleaning)	5000 H <sup>*5</sup> (cleaning)	4000 H <sup>*5</sup> (cleaning)	5000 H <sup>*5</sup> (cleaning)
Screen size			40" to 300" (1.02 m to 7.62 m)	40" to 300" (1.02 m to 7.62 m)	40" to 300" (1.02 m to 7.62 m)	40" to 300" (1.02 m to 7.62 m)	40" to 300" (1.02 m to 7.62 m)
Light output	Lamp mode: High		5000 lm	4000 lm	4000 lm	5100 lm	4500 lm
	Lamp mode: Standard		3600 lm <sup>*13</sup>	3200 lm <sup>*13</sup>	3200 lm <sup>*13</sup>	4200 lm <sup>*13</sup>	3400 lm <sup>*13</sup>
	Lamp mode: Low		3100 lm <sup>*13</sup>	2600 lm <sup>*13</sup>	2600 lm <sup>*13</sup>	—	2500 lm <sup>*13</sup>
Color light output	Lamp mode: High		5000 lm	4000 lm	4000 lm	5100 lm	4500 lm
	Lamp mode: Standard		3600 lm <sup>*13</sup>	3200 lm <sup>*13</sup>	3200 lm <sup>*13</sup>	4200 lm <sup>*13</sup>	3400 lm <sup>*13</sup>
	Lamp mode: Low		3100 lm <sup>*13</sup>	2600 lm <sup>*13</sup>	2600 lm <sup>*13</sup>	—	2500 lm <sup>*13</sup>
Contrast ratio (full white / full black) <sup>*7</sup>			2500:1	2500:1	2500:1	3000:1	3700:1
<b>Signal Input/Output</b>							
Input	Composite video	BNC	—	—	—	—	—
		Pin Jack	1	1	1	1	1
	S video	Mini DIN 4-pin	1	1	1	1	1
		Computer	5BNC	—	—	—	—
	Component	Mini D-sub 15-pin	1	1	1	2	2
		—	—	—	—	—	—
	DVI-D (HDCP)		—	—	—	—	—
	HDMI (HDCP)		2	2	2	1	1
	Audio	Pin Jack (L/R)	1	1	1	1	1
		Stereo mini jack	1	1	1	2	2
Option board slot			—	—	—	—	—
Output	Monitor	Mini D-sub 15-pin	1 <sup>*8</sup>	1 <sup>*8</sup>	1 <sup>*8</sup>	1 <sup>*8</sup>	1 <sup>*8</sup>
	Audio <sup>*10</sup>	Stereo mini jack	1	1	1	1	1
I/O, Control, Others	RS-232C	D-sub 9-pin	1 (male)	1 (male)	1 (male)	1 (female)	1 (female)
	LAN	RJ-45, 10BASE-T/100BASE-TX	1	1 (HDBaseT)	1	1	1
	IR (Control S) input	Stereo mini jack, Plug in power DC 5 V	—	—	—	—	—
	IR (Control S) output	Stereo mini jack	—	—	—	—	—
	USB	Type A	1	1	1	—	—
		Type B	1	1	1	—	—
	Microphone input	Mini jack	1	1	1	—	—
	Wireless		IFU-WLM3(Optional) <sup>*14</sup>	IFU-WLM3(Optional) <sup>*14</sup>	IFU-WLM3(Optional) <sup>*14</sup>	—	—
<b>General</b>							
Speaker			12 W x 1 (monaural)	12 W x 1 (monaural)	12 W x 1 (monaural)	10 W x 1 (monaural)	10 W x 1 (monaural)
Keystone correction (Max.) <sup>*11</sup>	Vertical		+/- 30°	+/- 30°	+/- 30°	+/- 30°	+/- 30°
	Horizontal		+/- 20°	+/- 20°	+/- 20°	+/- 20°	+/- 20°
Power requirements			AC 100 V to 240 V 3.9 A to 1.7 A, 50/60 Hz	AC 100 V to 240 V 3.6 A to 1.6 A, 50/60 Hz	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	AC 100 V to 240 V 3.6 A to 1.4 A, 50/60 Hz
Power consumption	AC 100 V to 120 V	Lamp mode: High	388 W	353 W	353 W	397 W	340 W
		Lamp mode: Standard	315 W <sup>*13</sup>	285 W <sup>*13</sup>	285 W <sup>*13</sup>	345 W <sup>*13</sup>	280 W <sup>*13</sup>
	AC 220 V to 240 V	Lamp mode: Low	279 W <sup>*13</sup>	265 W <sup>*13</sup>	265 W <sup>*13</sup>	—	240 W <sup>*13</sup>
		Lamp mode: Standard	367 W	334 W	334 W	373 W	320 W
Standby mode power consumption	AC 100 V to 120 V	Lamp mode: Standard	299 W <sup>*13</sup>	372 W <sup>*13</sup>	372 W <sup>*13</sup>	323 W <sup>*13</sup>	265 W <sup>*13</sup>
		Lamp mode: Low	266 W <sup>*13</sup>	254 W <sup>*13</sup>	254 W <sup>*13</sup>	—	225 W <sup>*13</sup>
	AC 220 V to 240 V	Standard	4.7 W	6.1 W	4.7 W	3.0 W	3.0 W
		Low	0.3 W	0.3 W	0.3 W	<0.5 W	<0.5 W
Heat dissipation	AC 100 V to 120 V		1323 BTU	1204 BTU	1204 BTU	1352 BTU	1160 BTU
	AC 220 V to 240 V		1252 BTU	1139 BTU	1139 BTU	1273 BTU	1092 BTU
Dimensions (W x H x D) (without protrusions)			406 x 113 x 330.5 mm 15 31/32 x 4 7/16 x 13 in	406 x 113 x 330.5 mm 15 31/32 x 4 7/16 x 13 in	406 x 113 x 330.5 mm 15 31/32 x 4 7/16 x 13 in	406 x 113 x 330.5 mm 15 31/32 x 4 7/16 x 13 in	406 x 113 x 330.5 mm 15 31/32 x 4 7/16 x 13 in
Mass			5.7 kg	5.7 kg	5.7 kg	5.6 kg / 12 lb	5.5 kg / 12 lb
Supplied accessories	Remote commander		RM-PJ8	RM-PJ8	RM-PJ8	RM-PJ7	RM-PJ7
	Wireless LAN Module		—	—	—	—	—
Optional accessories	Replacement lamp		LMP-C281	LMP-C250	LMP-C250	LMP-C280	LMP-C240
	Projection lenses		—	—	—	—	—
	Projection lens adapter		—	—	—	—	—
	Interactive pen device		—	—	—	—	—
	Wireless LAN Module		IFU-WLM3	IFU-WLM3	IFU-WLM3	—	—






			BrightEra	BrightEra	BrightEra	BrightEra	BrightEra
Model Name			VPL-CX275	VPL-CX235	VPL-EW295	VPL-EW255	VPL-EW235
							
Optical							
Display system			3 LCD system	3 LCD system	3 LCD system	3 LCD system	3 LCD system
Display device	Size of effective display area		0.79" (20.1 mm)	0.63" (16.0 mm)	0.75" (19.0 mm)	0.59" (15.0 mm)	0.59" (15.0 mm)
	Number of pixels		XGA (1024 x 768)	XGA (1024 x 768)	WXGA (1280 x 800)	WXGA (1280 x 800)	WXGA (1280 x 800)
	Aspect ratio		4:3	4:3	16:10	16:10	16:10
Projection lens	Focus		Manual	Manual	Manual	Manual	Manual
	Zoom	Powered / Manual	Manual	Manual	Manual	Manual	Manual
		Ratio	Approx. 1.5 x	Approx. 1.5 x	Approx. 1.6 x	Approx. 1.6 x	Approx. 1.3 x
	Lens shift	Powered / Manual	Manual	Manual	—	—	—
		Range	Vertical	+/- 3.3%	+/- 5%	—	—
Horizontal			+/- 2.5%	+/- 4%	—	—	—
Throw ratio			1.32:1 to 1.91:1	1.66:1 to 2.41:1	1.10:1 to 1.79:1	1.40:1 to 2.27:1	1.37:1 to 1.80:1
	Type		UHP <sup>2</sup> lamp	UHP <sup>2</sup> lamp	UHP <sup>2</sup> lamp	UHP <sup>2</sup> lamp	UHP <sup>2</sup> lamp
	Wattage		280 W type	245 W type	210 W type	210 W type	210 W type
	System		—	—	—	—	—
Recommended lamp replacement time <sup>*3</sup>	Lamp mode: High		3000 H	3000 H	4000 H	4000 H	4000 H
	Lamp mode: Standard		4000 H	4000 H	6000 H	6000 H	6000 H
	Lamp mode: Low		—	5000 H	10000 H	10000 H	10000 H
Filter cleaning / replacement cycle <sup>*3</sup> (Max.)			4000 H <sup>5</sup> (cleaning)	5000 H <sup>5</sup> (cleaning)	7000 H (cleaning)	7000 H (cleaning)	7000 H <sup>5</sup> (cleaning)
Screen size			40" to 300" (1.02 m to 7.62 m)	40" to 300" (1.02 m to 7.62 m)	30" to 300" (0.76 m to 7.62 m)	30" to 300" (0.76 m to 7.62 m)	30" to 300" (0.76 m to 7.62 m)
Light output	Lamp mode: High		5200 lm	4100 lm	3800 lm	3200 lm	2700 lm
	Lamp mode: Standard		4400 lm <sup>*13</sup>	3100 lm <sup>*13</sup>	2800 lm <sup>*13</sup>	2000 lm <sup>*13</sup>	1900 lm <sup>*13</sup>
	Lamp mode: Low		—	2200 lm <sup>*13</sup>	2100 lm <sup>*13</sup>	1600 lm <sup>*13</sup>	1500 lm <sup>*13</sup>
Color light output	Lamp mode: High		5200 lm	4100 lm	3800 lm	3200 lm	2700 lm
	Lamp mode: Standard		4400 lm <sup>*13</sup>	3100 lm <sup>*13</sup>	2800 lm <sup>*13</sup>	2000 lm <sup>*13</sup>	1900 lm <sup>*13</sup>
	Lamp mode: Low		—	2200 lm <sup>*13</sup>	2100 lm <sup>*13</sup>	1600 lm <sup>*13</sup>	1500 lm <sup>*13</sup>
Contrast ratio (full white / full black) <sup>*7</sup>			3000:1	3100:1	3700:1	2700:1	2700:1
Signal Input/Output							
Input	Composite video	BNC	—	—	—	—	—
		Pin Jack	1	1	1	1	1
	S video	Mini DIN 4-pin	1	1	1	1	1
	Computer	5BNC	—	—	—	—	—
		Mini D-sub 15-pin	2	2	2	2	2
	Component	—	—	—	—	—	—
	DVI-D (HDCP)	—	—	—	—	—	—
	HDMI (HDCP)	1	1	1	1	1	1
	Audio	Pin Jack (L/R)	1	1	1	1	1
		Stereo mini jack	2	2	2	2	2
Option board slot			—	—	—	—	—
Output	Monitor	Mini D-sub 15-pin	1 <sup>*8</sup>	1 <sup>*8</sup>	1 <sup>*8</sup>	1 <sup>*8</sup>	1 <sup>*8</sup>
	Audio <sup>*10</sup>	Stereo mini jack	1	1	1	1	1
I/O, Control, Others	RS-232C	D-sub 9-pin	1 (female)	1 (female)	1 (male)	1 (male)	1 (male)
	LAN	RJ-45, 10BASE-T/100BASE-TX	1	1	1	1	1
	IR (Control S) input	Stereo mini jack, Plug in power DC 5 V	—	—	—	—	—
	IR (Control S) output	Stereo mini jack	—	—	—	—	—
	USB	Type A	—	—	1	1	1
		Type B	—	—	1	1	1
	Microphone input	Mini jack	—	—	1	1	1
	Wireless	—	—	—	IFU-WLM3 (Option) <sup>*14</sup>	IFU-WLM3 (Option) <sup>*14</sup>	IFU-WLM3 (Option) <sup>*14</sup>
General							
Speaker			10 W x 1 (monaural)	10 W x 1 (monaural)	16 W x 1 (monaural)	16 W x 1 (monaural)	16 W x 1 (monaural)
Keystone correction (Max.) <sup>*11</sup>	Vertical		+/- 30°	+/- 30°	+/- 20°	+/- 20°	+/- 20°
		Horizontal	+/- 20°	+/- 20°	—	—	—
Power requirements			AC 100 V to 240 V 3.9 A to 1.7 A, 50/60 Hz	AC 100 V to 240 V 3.6 A to 1.4 A, 50/60 Hz	AC 100 V to 240 V 3.2 A to 1.4 A, 50/60 Hz	AC 100 V to 240 V 3.2 A to 1.4 A, 50/60 Hz	AC 100 V to 240 V 3.0 A to 1.3 A, 50/60 Hz
Power consumption	AC 100 V to 120 V	Lamp mode: High	390 W	340 W	309 W	314 W	289 W
		Lamp mode: Standard	342 W <sup>*13</sup>	280 W <sup>*13</sup>	250 W <sup>*13</sup>	250 W <sup>*13</sup>	250 W <sup>*13</sup>
		Lamp mode: Low	—	240 W <sup>*13</sup>	219 W <sup>*13</sup>	219 W <sup>*13</sup>	219 W <sup>*13</sup>
	AC 220 V to 240 V	Lamp mode: High	367 W	320 W	298 W	301 W	278 W
		Lamp mode: Standard	323 W <sup>*13</sup>	265 W <sup>*13</sup>	240 W <sup>*13</sup>	240 W <sup>*13</sup>	240 W <sup>*13</sup>
		Lamp mode: Low	—	225 W <sup>*13</sup>	212 W <sup>*13</sup>	212 W <sup>*13</sup>	212 W <sup>*13</sup>
Standby mode power consumption	AC 100 V to 120 V	Standard	3.0 W	3.0 W	4.9 W	4.9 W	4.9 W
		Low	<0.5 W	<0.5 W	0.5 W	0.5 W	0.5 W
	AC 220 V to 240 V	Standard	3.0 W	3.0 W	5.1 W	5.1 W	5.1 W
		Low	<0.5 W	<0.5 W	0.5 W	0.5 W	0.5 W
Heat dissipation	AC 100 V to 120 V		1331 BTU	1160 BTU	1054 BTU	1071 BTU	986 BTU
	AC 220 V to 240 V		1252 BTU	1092 BTU	1017 BTU	1027 BTU	949 BTU
Dimensions (W x H x D) (without protrusions)			406 x 113 x 330.5 mm 15 31/32 x 4 7/16 x 13 in	406 x 113 x 330.5 mm 15 31/32 x 4 7/16 x 13 in	365 x 96.2 x 252 mm 14 3/8 x 3 25/32 x 9 29/32 in	365 x 96.2 x 252 mm 14 3/8 x 3 25/32 x 9 29/32 in	365 x 96.2 x 252 mm 14 3/8 x 3 25/32 x 9 29/32 in
Mass			5.6 kg / 12 lb	5.5 kg / 12 lb	4.1 kg / 9 lb	3.9 kg / 8 lb	3.9 kg / 8 lb
Supplied accessories		Remote commander	RM-PJ7	RM-PJ7	RM-PJ8	RM-PJ8	RM-PJ8
		Wireless LAN Module	—	—	—	—	—
Optional accessories		Replacement lamp	LMP-C280	LMP-C240	LMP-E212	LMP-E212	LMP-E212
		Projection lenses	—	—	—	—	—
		Projection lens adapter	—	—	—	—	—
		Interactive pen device	—	—	—	—	—
		Wireless LAN Module	—	—	IFU-WLM3	IFU-WLM3	IFU-WLM3



			BrightEra™	BrightEra™	BrightEra™	BrightEra™	BrightEra™
Model Name			VPL-EX295	VPL-EX290	VPL-EX255	VPL-EX250	VPL-EX235
							
Optical							
Display system			3 LCD system	3 LCD system	3 LCD system	3 LCD system	3 LCD system
Display device	Size of effective display area		0.63" (16.0 mm)	0.63" (16.0 mm)	0.63" (16.0 mm)	0.63" (16.0 mm)	0.63" (16.0 mm)
	Number of pixels		XGA (1024 x 768)	XGA (1024 x 768)	XGA (1024 x 768)	XGA (1024 x 768)	XGA (1024 x 768)
	Aspect ratio		4:3	4:3	4:3	4:3	4:3
Projection lens	Focus		Manual	Manual	Manual	Manual	Manual
	Zoom	Powered / Manual	Manual	Manual	Manual	Manual	Manual
		Ratio	Approx. 1.6 x	Approx. 1.6 x	Approx. 1.6 x	Approx. 1.3 x	Approx. 1.3 x
	Lens shift	Powered / Manual	—	—	—	—	—
		Range	Vertical	—	—	—	—
Horizontal			—	—	—	—	—
Throw ratio			1.40:1 to 2.27:1	1.40:1 to 2.27:1	1.40:1 to 2.27:1	1.37:1 to 1.80:1	1.37:1 to 1.80:1
Light source	Type		UHP*2 lamp	UHP*2 lamp	UHP*2 lamp	UHP*2 lamp	UHP*2 lamp
	Wattage		210 W type	210 W type	210 W type	210 W type	210 W type
	System		—	—	—	—	—
Recommended lamp replacement time*3	Lamp mode: High		4000 H	4000 H	3000 H	3000 H	3000 H
	Lamp mode: Standard		6000 H	6000 H	5000 H	5000 H	5000 H
	Lamp mode: Low		10000 H	10000 H	10000 H	10000 H	10000 H
Filter cleaning / replacement cycle*3 (Max.)			7000 H (cleaning)	7000 H (cleaning)	7000 H (cleaning)	7000 H (cleaning)	7000 H (cleaning)
Screen size			30" to 300" (0.76 m to 7.62 m)	30" to 300" (0.76 m to 7.62 m)	30" to 300" (0.76 m to 7.62 m)	30" to 300" (0.76 m to 7.62 m)	30" to 300" (0.76 m to 7.62 m)
Light output	Lamp mode: High		3800 lm	3800 lm	3300 lm	3300 lm	2800 lm
	Lamp mode: Standard		2700 lm*13	2700 lm*13	2200 lm*13	2200 lm*13	2100 lm*13
	Lamp mode: Low		2100 lm*13	2100 lm*13	1700 lm*13	2700 lm*13	1600 lm*13
Color light output	Lamp mode: High		3800 lm	3800 lm	3300 lm	3300 lm	2800 lm
	Lamp mode: Standard		2700 lm*13	2700 lm*13	2200 lm*13	2200 lm*13	2100 lm*13
	Lamp mode: Low		2100 lm*13	2100 lm*13	1700 lm*13	1700 lm*13	1600 lm*13
Contrast ratio (full white / full black)*7			3300:1	3300:1	3300:1	3300:1	3300:1
Signal Input/Output							
Input	Composite video	BNC	—	—	—	—	—
		Pin Jack	1	1	1	1	1
	S video	Mini DIN 4-pin	1	1	1	1	1
		Computer	5BNC	—	—	—	—
		Mini D-sub 15-pin	2	2	2	2	2
		Component	—	—	—	—	—
	DVI-D (HDCP)		—	—	—	—	—
	HDMI (HDCP)		1	1	1	1	1
	Audio	Pin Jack (L/R)	1	—	1	—	1
		Stereo mini jack	2	—	2	—	2
Option board slot			—	—	—	—	—
Output	Monitor	Mini D-sub 15-pin	1*8	1*8	1*8	1*8	1*8
	Audio*10	Stereo mini jack	1	—	—	—	1
I/O, Control, Others	RS-232C	D-sub 9-pin	1 (male)	1 (male)	1 (male)	1 (male)	1 (male)
	LAN	RJ-45, 10BASE-T/100BASE-TX	1	1	1	1	1
	IR (Control S) input	Stereo mini jack, Plug in power DC 5 V	—	—	—	—	—
	IR (Control S) output	Stereo mini jack	—	—	—	—	—
	USB	Type A	1	1	1	1	1
		Type B	1	1	1	1	1
	Microphone input	Mini jack	1	—	1	—	1
	Wireless		IFU-WLM3 (Option)*14	IFU-WLM3 (Option)*14	IFU-WLM3 (Option)*14	IFU-WLM3 (Option)*14	IFU-WLM3 (Option)*14
General							
Speaker			16 W x 1 (monaural)	—	16 W x 1 (monaural)	—	16 W x 1 (monaural)
Keystone correction (Max.)*11	Vertical	+/- 30°	—	+/- 30°	—	+/- 30°	—
		Horizontal	—	—	—	—	—
Power requirements			AC 100 V to 240 V 3.2 A to 1.4 A, 50/60 Hz	AC 100 V to 240 V 2.8 A to 1.2 A, 50/60 Hz	AC 100 V to 240 V 3.2 A to 1.4 A, 50/60 Hz	AC 100 V to 240 V 2.8 A to 1.2 A, 50/60 Hz	AC 100 V to 240 V 3.0 A to 1.3 A, 50/60 Hz
Power consumption	AC 100 V to 120 V	Lamp mode: High	310 W	278 W	314 W	277 W	297 W
		Lamp mode: Standard	250 W*13	220 W*13	250 W*13	220 W*13	250 W*13
		Lamp mode: Low	219 W*13	189 W*13	219 W*13	189 W*13	219 W*13
	AC 220 V to 240 V	Lamp mode: High	299 W	269 W	301 W	269 W	286 W
		Lamp mode: Standard	240 W*13	210 W*13	240 W*13	210 W*13	240 W*13
		Lamp mode: Low	212 W*13	183 W*13	212 W*13	183 W*13	212 W*13
Standby mode power consumption	AC 100 V to 120 V	Standard	4.9 W	4.9 W	4.9 W	4.9 W	4.9 W
		Low	0.5 W	0.5 W	0.5 W	0.5 W	0.5 W
	AC 220 V to 240 V	Standard	5.1 W	5.1 W	5.1 W	5.1 W	5.1 W
		Low	0.5 W	0.5 W	0.5 W	0.5 W	0.5 W
Heat dissipation	AC 100 V to 120 V	1058 BTU	949 BTU	1071 BTU	945 BTU	1013 BTU	
	AC 220 V to 240 V	1020 BTU	918 BTU	1027 BTU	918 BTU	976 BTU	
Dimensions (W x H x D) (without protrusions)			365 x 96.2 x 252 mm 14 3/8 x 3 25/32 x 9 29/32 in	365 x 96.2 x 252 mm 14 3/8 x 3 25/32 x 9 29/32 in	365 x 96.2 x 252 mm 14 3/8 x 3 25/32 x 9 29/32 in	365 x 96.2 x 252 mm 14 3/8 x 3 25/32 x 9 29/32 in	365 x 96.2 x 252 mm 14 3/8 x 3 25/32 x 9 29/32 in
Mass			4 kg / 8 lb	3.8 kg / 8 lb	4 kg / 8 lb	3.8 kg / 8 lb	3.9 kg / 8 lb
Supplied accessories	Remote commander		RM-PJ8	RM-PJ8	RM-PJ8	RM-PJ8	RM-PJ8
	Wireless LAN Module		—	—	—	—	—
Optional accessories	Replacement lamp		LMP-E212	LMP-E212	LMP-E212	LMP-E212	LMP-E212
	Projection lenses		—	—	—	—	—
			—	—	—	—	—
	Projection lens adapter		—	—	—	—	—
	Interactive pen device		—	—	—	—	—
	Wireless LAN Module		IFU-WLM3	IFU-WLM3	IFU-WLM3	IFU-WLM3	IFU-WLM3



			BrightEra	BrightEra	BrightEra	BrightEra	BrightEra
Model Name			VPL-EX230	VPL-DW127	VPL-DW122	VPL-DX147	VPL-DX142
							
Optical							
Display system			3 LCD system	3 LCD system	3 LCD system	3 LCD system	3 LCD system
Display device	Size of effective display area		0.63" (16.0 mm)	0.59" (15.0 mm)	0.59" (15.0 mm)	0.63" (16.0 mm)	0.63" (16.0 mm)
	Number of pixels		XGA (1024 x 768)	WXGA (1280 x 800)	WXGA (1280 x 800)	XGA (1280 x 800)	XGA (1024 x 768)
	Aspect ratio		4:3	16:10	16:10	4:3	4:3
Projection lens	Focus		Manual	Manual	Manual	Manual	Manual
	Zoom	Powered / Manual	Manual	Manual	Manual	Manual	Manual
		Ratio	Approx. 1.2 x	Approx. 1.3 x	Approx. 1.3 x	Approx. 1.3 x	Approx. 1.3 x
	Lens shift	Powered / Manual	—	—	—	—	—
		Range	Vertical	—	—	—	—
Horizontal			—	—	—	—	—
Throw ratio			1.47:1 to 1.77:1	1.36:1 to 1.77:1	1.36:1 to 1.77:1	1.37:1 to 1.80:1	1.37:1 to 1.80:1
Light source	Type		UHP*2 lamp	UHP*2 lamp	UHP*2 lamp	UHP*2 lamp	UHP*2 lamp
	Wattage		210 W type	210 W type	210 W type	210 W type	210 W type
	System		—	—	—	—	—
Recommended lamp replacement time*3	Lamp mode: High		3000 H	3000 H	3000 H	3000 H	3000 H
	Lamp mode: Standard		5000 H	5000 H	5000 H	5000 H	5000 H
	Lamp mode: Low		10000 H	10000 H	10000 H	10000 H	10000 H
Filter cleaning / replacement cycle*3 (Max.)			7000 H (cleaning)	1000 H (cleaning)	1000 H (cleaning)	1000 H (cleaning)	1000 H (cleaning)
Screen size			30" to 300" (0.76 m to 7.62 m)	30" to 300" (0.76 m to 7.62 m)	30" to 300" (0.76 m to 7.62 m)	30" to 300" (0.76 m to 7.62 m)	30" to 300" (0.76 m to 7.62 m)
Light output	Lamp mode: High		2800 lm	2600 lm	2600 lm	3200 lm	3200 lm
	Lamp mode: Standard		2100 lm*13	1900 lm*13	1900 lm*13	2300 lm*13	2300 lm*13
	Lamp mode: Low		1600 lm*13	1500 lm*13	1500 lm*13	1900 lm*13	2000 lm*13
Color light output	Lamp mode: High		2800 lm	2600 lm	2600 lm	3200 lm	3200 lm
	Lamp mode: Standard		2100 lm*13	1900 lm*13	1900 lm*13	2300 lm*13	2300 lm*13
	Lamp mode: Low		1600 lm*13	1500 lm*13	1500 lm*13	1900 lm*13	2000 lm*13
Contrast ratio (full white / full black)*7			3300:1	3000:1	3000:1	3000:1	3000:1
Signal Input/Output							
Input	Composite video	BNC	—	—	—	—	—
		Pin Jack	1	1	1	1	1
	S video	Mini DIN 4-pin	1	—	—	—	—
	Computer	5BNC	—	—	—	—	—
		Mini D-sub 15-pin	2	1	1	1	1
	Component	—	—	—	—	—	—
	DVI-D (HDCP)	—	—	—	—	—	—
	HDMI (HDCP)	1	1	1	1	1	1
	Audio	Pin Jack (L/R)	—	—	—	—	—
		Stereo mini jack	—	1	1	1	1
Option board slot			—	—	—	—	—
Output	Monitor	Mini D-sub 15-pin	1*8	—	—	—	—
	Audio*10	Stereo mini jack	—	—	—	—	—
I/O, Control, Others	RS-232C	D-sub 9-pin	1 (male)	—	—	—	—
	LAN	RJ-45, 10BASE-T/100BASE-TX	1	1	—	1	—
	IR (Control S) input	Stereo mini jack, Plug in power DC 5 V	—	—	—	—	—
	IR (Control S) output	Stereo mini jack	—	—	—	—	—
	USB	Type A	1	1	—	1	—
		Type B	1	1	—	1	—
	Microphone input	Mini jack	—	—	—	—	—
	Wireless	—	IFU-WLM3 (Option)*14	IFU-WLM3 (Supply)*14	—	IFU-WLM3 (Supply)*14	—
General							
Speaker			—	1 W x 1 (monaural)	1 W x 1 (monaural)	1 W x 1 (monaural)	1 W x 1 (monaural)
Keystone correction (Max.)*11	Vertical	+/- 30°		+/- 30°	+/- 30°	+/- 30°	+/- 30°
		Horizontal		—	—	—	—
Power requirements			AC 100 V to 240 V 2.8 A to 1.2 A, 50/60 Hz	AC 100 V to 240 V 3.0A to 1.2A, 50/60Hz	AC 100 V to 240 V 2.9 A to 1.2 A, 50/60 Hz	AC 100 V to 240V 3.0A to 1.2A, 50/60Hz	AC 100 V to 240 V 2.9 A to 1.2 A, 50/60 Hz
Power consumption	AC 100 V to 120 V	Lamp mode: High	272 W	301 W	288 W	298 W	290 W
		Lamp mode: Standard	220 W*13	224 W*13	220 W*13	221 W*13	220 W*13
		Lamp mode: Low	189 W*13	200 W*13	200 W*13	200 W*13	200 W*13
	AC 220 V to 240 V	Lamp mode: High	261 W	287 W	275 W	286 W	277 W
		Lamp mode: Standard	210 W*13	213 W*13	215 W*13	212 W*13	210 W*13
		Lamp mode: Low	183 W*13	190 W*13	190 W*13	190 W*13	190 W*13
Standby mode power consumption	AC 100 V to 120 V	Standard	4.9 W	<5.9 W	—	<5.9 W	—
		Low	0.5 W	<0.5 W	<0.5 W	<0.5 W	<0.5 W
	AC 220 V to 240 V	Standard	5.1 W	<5.9 W	—	<5.9 W	—
		Low	0.5 W	<0.5 W	<0.5 W	<0.5 W	<0.5 W
Heat dissipation	AC 100 V to 120 V	928 BTU	1024 BTU	980 BTU	1014 BTU	987 BTU	
	AC 220 V to 240 V	891 BTU	977 BTU	836 BTU	973 BTU	943 BTU	
Dimensions (W x H x D) (without protrusions)			365 x 96.2 x 252 mm 14 3/8 x 3 25/32 x 9 29/32 in	315 x 75 x 230.5 mm 12 13/32 x 2 15/16 x 9 1/16 in	315 x 75 x 230.5 mm 12 13/32 x 2 15/16 x 9 1/16 in	315 x 75 x 230.5 mm 12 13/32 x 2 15/16 x 9 1/16 in	315 x 75 x 230.5 mm 12 13/32 x 2 15/16 x 9 1/16 in
Mass			3.8 kg / 8 lb	2.6 kg / 5.8 lb	2.5 kg / 5.5 lb	2.6 kg / 5.8 lb	2.5 kg / 5.5 lb
Supplied accessories		Remote commander	RM-PJ8	RM-PJ8	RM-PJ8	RM-PJ8	RM-PJ8
		Wireless LAN Module	—	IFU-WLM3	—	IFU-WLM3	—
Optional accessories	Replacement lamp		LMP-E212	LMP-D213	LMP-D213	LMP-D213	LMP-D213
	Projection lenses		—	—	—	—	—
			Projection lens adapter	—	—	—	—
			Interactive pen device	—	—	—	—
			Wireless LAN Module	IFU-WLM3	IFU-WLM3 (Supply)	IFU-WLM3 (Supply)	—

		BrightEra™	BrightEra™	BrightEra™	BrightEra™	BrightEra™
Model Name		VPL-DX127	VPL-DX122	VPL-DX102	VPL-SW630C	VPL-SW620C
						
<b>Optical</b>						
Display system		3 LCD system	3 LCD system	3 LCD system	3 LCD system	3 LCD system
Display device	Size of effective display area	0.63" (16.0 mm)	0.63" (16.0 mm)	0.63" (16.0 mm)	0.59" (15 mm)	0.59" (15 mm)
	Number of pixels	XGA (1024 x 768)	XGA (1024 x 768)	XGA (1024 x 768)	WXGA (1280 x 800)	WXGA (1280 x 800)
	Aspect ratio	4:3	4:3	4:3	16:10	16:10
Projection lens	Focus	Manual	Manual	Manual	Manual	Manual
	Zoom	Powered / Manual	Manual	Manual	Manual	Manual
		Ratio	Approx. 1.2 x	Approx. 1.2 x	Approx. 1.03 x	Approx. 1.03 x
	Lens shift	Powered / Manual	—	—	Manual	Manual
		Range	Vertical	—	+/- 3.7%	+/- 3.7%
		Horizontal	—	—	+/- 2.3%	+/- 2.3%
	Throw ratio	1.47:1 to 1.77:1	1.47:1 to 1.77:1	1.47:1 to 1.77:1	0.27:1	0.27:1
Light source	Type	UHP*2 lamp	UHP*2 lamp	UHP*2 lamp	UHP*2 lamp	UHP*2 lamp
	Wattage	210 W type	210 W type	210 W type	225 W type	225 W type
	System	—	—	—	—	—
Recommended lamp replacement time*3	Lamp mode: High	3000 H	3000 H	3000 H	3000 H	3000 H
	Lamp mode: Standard	5000 H	5000 H	5000 H	5000 H	5000 H
	Lamp mode: Low	10000 H	10000 H	10000 H	8000 H	8000 H
Filter cleaning / replacement cycle*3 (Max.)		1000 H (cleaning)	1000 H (cleaning)	1000 H (cleaning)	8000 H*5 (cleaning)	8000 H*5 (cleaning)
Screen size		30" to 300" (0.76 m to 7.62 m)	30" to 300" (0.76 m to 7.62 m)	30" to 300" (0.76 m to 7.62 m)	65" to 110" (1.65 m to 2.79 m)	65" to 110" (1.65 m to 2.79 m)
Light output	Lamp mode: High	2600 lm	2600 lm	2300 lm	3100 lm	2600 lm
	Lamp mode: Standard	1900 lm*13	1900 lm*13	1800 lm*13	2300 lm*13	2000 lm*13
	Lamp mode: Low	1700 lm*13	1700 lm*13	1500 lm*13	1900 lm*13	1700 lm*13
Color light output	Lamp mode: High	2600 lm	2600 lm	2300 lm	3100 lm	2600 lm
	Lamp mode: Standard	1900 lm*13	1900 lm*13	1800 lm*13	2300 lm*13	2000 lm*13
	Lamp mode: Low	1700 lm*13	1700 lm*13	1500 lm*13	1900 lm*13	1700 lm*13
Contrast ratio (full white / full black)*7		3000:1	3000:1	3000:1	3000:1	3000:1
<b>Signal Input/Output</b>						
Input	Composite video	BNC	—	—	—	—
		Pin Jack	1	1	1	1
	S video	Mini DIN 4-pin	—	—	1	1
	Computer	5BNC	—	—	—	—
		Mini D-sub 15-pin	1	1	2	2
	Component	—	—	—	—	—
	DVI-D (HDCP)	—	—	—	—	—
	HDMI (HDCP)	1	1	1	1	1
	Audio	Pin Jack (L/R)	—	—	1	1
		Stereo mini jack	1	1	2	2
Option board slot		—	—	—	—	—
Output	Monitor	Mini D-sub 15-pin	—	—	1*8	1*8
	Audio*10	Stereo mini jack	—	—	1	1
I/O, Control, Others	RS-232C	D-sub 9-pin	—	—	1 (male)	1 (male)
	LAN	RJ-45, 10BASE-T/100BASE-TX	1	—	1	1
	IR (Control S) input	Stereo mini jack, Plug in power DC 5 V	—	—	—	—
	IR (Control S) output	Stereo mini jack	—	—	—	—
	USB	Type A	1	—	1	1
		Type B	1	—	1 (for interactive function)	1 (for interactive function)
	Microphone input	Mini jack	—	—	1	1
	Wireless	IFU-WLM3 (Supply)*14	—	—	IFU-WLM3 (Option)*14	IFU-WLM3 (Option)*14
<b>General</b>						
Speaker		1 W x 1 (monaural)	1 W x 1 (monaural)	1 W x 1 (monaural)	16 W x 1 (monaural)	16 W x 1 (monaural)
Keystone correction (Max.)*11	Vertical	+/- 30°	+/- 30°	+/- 30°	+/- 5°	+/- 5°
	Horizontal	—	—	—	—	—
Power requirements		AC 100 V to 240V 3.0A to 1.2A, 50Hz/60Hz	AC 100 V to 240 V 2.9 A to 1.2 A, 50/60 Hz	AC 100 V to 240 V 2.9 A to 1.2 A, 50/60 Hz	AC 100 V to 240 V 3.3 A to 1.5 A, 50/60 Hz	AC 100 V to 240 V 3.3 A to 1.5 A, 50/60 Hz
Power consumption	AC 100 V to 120 V	Lamp mode: High	297 W	289 W	328 W	321 W
		Lamp mode: Standard	221 W*13	220 W*13	220 W*13	263 W*13
	AC 220 V to 240 V	Lamp mode: Low	200 W*13	200 W*13	232 W*13	232 W*13
		Lamp mode: High	285 W	278 W	316 W	309 W
Standby mode power consumption	AC 100 V to 120 V	Lamp mode: Standard	212 W*13	215 W*13	253 W*13	253 W*13
		Lamp mode: Low	190 W*13	190 W*13	225 W*13	225 W*13
	AC 220 V to 240 V	Standard	<5.9 W	—	5.2 W	5.2 W
		Low	<0.5 W	<0.5 W	0.5 W	0.5 W
Heat dissipation	AC 100 V to 120 V	Standard	<5.9 W	—	5.5 W	5.5 W
	Low	<0.5 W	<0.5 W	<0.5 W	0.5 W	0.5 W
Dimensions (W x H x D) (without protrusions)	AC 100 V to 120 V	1011 BTU	985 BTU	960 BTU	1120 BTU	1096 BTU
	AC 220 V to 240 V	970 BTU	946 BTU	922 BTU	1079 BTU	1055 BTU
Mass		315 x 75 x 230.5 mm 12 13/32 x 2 15/16 x 9 1/16 in	315 x 75 x 230.5 mm 12 13/32 x 2 15/16 x 9 1/16 in	315 x 75 x 230.5 mm 12 13/32 x 2 15/16 x 9 1/16 in	372 x 138 x 382 mm 14 21/32 x 5 7/16 x 15 1/32 in	372 x 138 x 382 mm 14 21/32 x 5 7/16 x 15 1/32 in
Supplied accessories		2.6 kg / 5.8 lb	2.5 kg / 5.5 lb	2.5 kg / 5.5 lb	6.2 kg / 13 lb 7 oz*12	6.2 kg / 13 lb 7 oz*12
Optional accessories	Remote commander	RM-PJ8	RM-PJ8	RM-PJ8	RM-PJ8	RM-PJ8
	Wireless LAN Module	IFU-WLM3	—	—	—	—
	Replacement lamp	LMP-D213	LMP-D213	LMP-D213	LMP-E220	LMP-E220
	Projection lenses	—	—	—	—	—
	Projection lens adapter	—	—	—	—	—
	Interactive pen device	—	—	—	IFU-PN250A/IFU-PN250B*15	IFU-PN250A, IFU-PN250B*15
	Wireless LAN Module	IFU-WLM3 (Supply)	—	—	IFU-WLM3	IFU-WLM3

			BrightEra™	BrightEra™	BrightEra™	BrightEra™	BrightEra™
Model Name			VPL-SW630	VPL-SW620	VPL-SX630	VPL-SW235	VPL-SW225
							
Optical							
Display system			3 LCD system	3 LCD system	3 LCD system	3 LCD system	3 LCD system
Display device	Size of effective display area		0.59" (15 mm)	0.59" (19 mm)	0.63" (16 mm)	0.59" (15.0 mm)	0.59" (15.0 mm)
	Number of pixels		WXGA (1280 x 800)	WXGA (1280 x 800)	XGA (1024 x 768)	WXGA (1280 x 800)	WXGA (1280 x 800)
	Aspect ratio		16:10	16:10	4:3	16:10	16:10
Projection lens	Focus		Manual	Manual	Manual	Manual	Manual
	Zoom	Powered / Manual	Manual	Manual	Manual	—	—
		Ratio	Approx. 1.03 x	Approx. 1.03 x	Approx. 1.03 x	—	—
	Lens shift	Powered / Manual	Manual	Manual	Manual	—	—
		Range	Vertical	+/- 3.7%	+/- 3.7%	+/- 3.1%	—
		Horizontal	+/- 2.3%	+/- 2.3%	+/- 2.3%	—	—
Throw ratio			0.27:1	0.27:1	0.27:1	0.46:1	0.46:1
	Type		UHP*2 lamp	UHP*2 lamp	UHP*2 lamp	UHP*2 lamp	UHP*2 lamp
	Wattage		225 W type	225 W type	225 W type	210 W type	210 W type
System			—	—	—	—	—
Recommended lamp replacement time*3	Lamp mode: High		3000 H	3000 H	3000 H	4000 H	4000 H
	Lamp mode: Standard		5000 H	5000 H	5000 H	6000 H	6000 H
	Lamp mode: Low		8000 H	8000 H	8000 H	10000 H	10000 H
Filter cleaning / replacement cycle*3 (Max.)			8000 H*5 (cleaning)	8000 H*5 (cleaning)	8000 H*5 (cleaning)	7000 H (cleaning)	7000 H (cleaning)
Screen size			65" to 110" (1.65 m to 2.79 m)	65" to 110" (1.65 m to 2.79 m)	70" to 115" (1.78 m to 2.92 m)	57" to 103" (1.45 m to 2.62m)	57" to 103" (1.45 m to 2.62m)
Light output	Lamp mode: High		3100 lm	2600 lm	3200 lm	3000 lm	2600 lm
	Lamp mode: Standard		2300 lm*13	2000 lm*13	2600 lm*13	2100 lm*13	2100 lm*13
	Lamp mode: Low		1900 lm*13	1700 lm*13	2100 lm*13	1700 lm*13	1700 lm*13
Color light output	Lamp mode: High		3100 lm	2600 lm	3200 lm	3000 lm	2600 lm
	Lamp mode: Standard		2300 lm*13	2000 lm*13	2600 lm*13	2100 lm*13	2100 lm*13
	Lamp mode: Low		1900 lm*13	1700 lm*13	2100 lm*13	1700 lm*13	1700 lm*13
Contrast ratio (full white / full black)*7			3000:1	3000:1	3000:1	3000:1	3000:1
Signal Input/Output							
Input	Composite video	BNC	—	—	—	—	—
		Pin Jack	1	1	1	1	1
	S video	Mini DIN 4-pin	1	1	1	1	1
	Computer	5BNC	—	—	—	—	—
		Mini D-sub 15-pin	2	2	2	2	2
	Component	—	—	—	—	—	—
	DVI-D (HDCP)	—	—	—	—	—	—
	HDMI (HDCP)	1	1	1	1	1	1
	Audio	Pin Jack (L/R)	1	1	1	1	1
		Stereo mini jack	2	2	2	2	2
Option board slot			—	—	—	—	—
Output	Monitor	Mini D-sub 15-pin	1*8	1*8	1*8	1*8	1*8
	Audio*10	Stereo mini jack	1	1	1	1	1
I/O, Control, Others	RS-232C	D-sub 9-pin	1 (male)	1 (male)	1 (male)	1 (male)	1 (male)
	LAN	RJ-45, 10BASE-T/100BASE-TX	1	1	1	1	1
	IR (Control S) input	Stereo mini jack, Plug in power DC 5 V	—	—	—	—	—
	IR (Control S) output	Stereo mini jack	—	—	—	—	—
	USB	Type A	1	1	1	1	1
		Type B	1	1	1	1	1
	Microphone input	Mini jack	1	1	1	1	1
	Wireless	IFU-WLM3 (Option)*14	IFU-WLM3 (Option)*14	IFU-WLM3 (Option)*14	IFU-WLM3 (Option)*14	IFU-WLM3 (Option)*14	IFU-WLM3 (Option)*14
General							
Speaker			16 W x 1 (monaural)	16 W x 1 (monaural)	16 W x 1 (monaural)	16 W x 1 (monaural)	16 W x 1 (monaural)
Keystone correction (Max.)*11	Vertical	+/- 5°	+/- 5°	+/- 5°	+/- 5°	+/- 7.5°	+/- 7.5°
		Horizontal	—	—	—	—	—
Power requirements			AC 100 V to 240 V 3.3 A to 1.5 A, 50/60 Hz	AC 100 V to 240 V 3.2 A to 1.4 A, 50/60 Hz	AC 100 V to 240 V 3.2 A to 1.4 A, 50/60 Hz	AC 100 V to 240 V 3.2 A to 1.3 A, 50/60 Hz	AC 100 V to 240 V 3.2 A to 1.3 A, 50/60 Hz
Power consumption	AC 100 V to 120 V	Lamp mode: High	323 W	318 W	318 W	315 W	291 W
		Lamp mode: Standard	260 W*13	260 W*13	260 W*13	251 W*13	251 W*13
		Lamp mode: Low	230 W*13	230 W*13	230 W*13	219 W*13	219 W*13
	AC 220 V to 240 V	Lamp mode: High	311 W	305 W	306 W	302 W	281 W
		Lamp mode: Standard	251 W*13	251 W*13	250 W*13	242 W*13	242 W*13
		Lamp mode: Low	222 W*13	222 W*13	222 W*13	212 W*13	212 W*13
Standby mode power consumption	AC 100 V to 120 V	Standard	5.1 W	5.1 W	5.1 W	4.9 W	4.9 W
		Low	0.5 W	0.5 W	0.5 W	0.5 W	0.5 W
	AC 220 V to 240 V	Standard	5.4 W	5.4 W	5.4 W	5.1 W	5.1 W
		Low	0.5 W	0.5 W	0.5 W	0.5 W	0.5 W
Heat dissipation	AC 100 V to 120 V	Standard	1102 BTU	1085 BTU	1085 BTU	1075 BTU	993 BTU
	AC 220 V to 240 V	Low	1061 BTU	1041 BTU	1044 BTU	1031 BTU	959 BTU
Dimensions (W x H x D) (without protrusions)			372 x 138 x 382 mm 14 21/32 x 5 7/16 x 15 1/32 in	372 x 138 x 382 mm 14 21/32 x 5 7/16 x 15 1/32 in	372 x 138 x 382 mm 14 21/32 x 5 7/16 x 15 1/32 in	365 x 138.7 x 310 mm 14 3/8 x 5 15/32 x 12 7/32 in	365 x 138.7 x 310 mm 14 3/8 x 5 15/32 x 12 7/32 in
Mass			6.0 kg / 13 lb 3 oz*12	6.0 kg / 13 lb 3 oz*12	6.0 kg / 13 lb 3 oz*12	4.4 kg / 9 lb	4.4 kg / 9 lb
Supplied accessories		Remote commander	—	—	—	—	—
		Wireless LAN Module	—	—	—	—	—
Optional accessories	Replacement lamp		LMP-E220	LMP-E220	LMP-E220	LMP-E212	LMP-E212
	Projection lenses		—	—	—	—	—
	Projection lens adapter		—	—	—	—	—
	Interactive pen device		—	—	—	—	—
	Wireless LAN Module		IFU-WLM3	IFU-WLM3	IFU-WLM3	IFU-WLM3	IFU-WLM3

				BrightEra™	BrightEra™
Model Name				VPL-SX235	VPL-SX225
					
Optical					
Display system				3 LCD system	3 LCD system
Display device	Size of effective display area			0.63" (16.0 mm)	0.63" (16.0 mm)
	Number of pixels			XGA (1024 x 768)	XGA (1024 x 768)
	Aspect ratio			4:3	4:3
Projection lens	Focus			Manual	Manual
	Zoom	Powered / Manual		–	–
		Ratio		–	–
	Lens shift	Powered / Manual		–	–
		Range	Vertical	–	–
			Horizontal	–	–
Throw ratio			0.46:1	0.46:1	
Light source	Type			UHP*2 lamp	UHP*2 lamp
	Wattage			210 W type	210 W type
	System			–	–
Recommended lamp replacement time*3	Lamp mode: High			4000 H	4000 H
	Lamp mode: Standard			6000 H	6000 H
	Lamp mode: Low			10000 H	10000 H
Filter cleaning / replacement cycle*3 (Max.)				7000 H (cleaning)	7000 H (cleaning)
Screen size				60" to 110" (1.52 m to 2.79m)	60" to 110" (1.52 m to 2.79m)
Light output	Lamp mode: High			3200 lm	2700 lm
	Lamp mode: Standard			2400 lm*13	2000 lm*13
	Lamp mode: Low			1900 lm*13	1600 lm*13
Color light output	Lamp mode: High			3200 lm	2700 lm
	Lamp mode: Standard			2400 lm*13	2000 lm*13
	Lamp mode: Low			1900 lm*13	1600 lm*13
Contrast ratio (full white / full black)*7				3000:1	3000:1
Signal Input/Output					
Input	Composite video	BNC		–	–
		Pin Jack		1	1
	S video	Mini DIN 4-pin		1	1
		Computer	5BNC		–
	Mini D-sub 15-pin		2	2	
	Component		–		–
	DVI-D (HDCP)		–		–
	HDMI (HDCP)		1		1
	Audio	Pin Jack (L/R)		1	1
		Stereo mini jack		2	2
Option board slot				–	–
Output	Monitor	Mini D-sub 15-pin		1*8	1*8
	Audio*10	Stereo mini jack		1	1
I/O, Control, Others	RS-232C	D-sub 9-pin		1 (male)	1 (male)
	LAN	RJ-45, 10BASE-T/100BASE-TX		1	1
	IR (Control S) input	Stereo mini jack, Plug in power DC 5 V		–	–
	IR (Control S) output	Stereo mini jack		–	–
	USB	Type A		1	1
		Type B		1	1
	Microphone input	Mini jack		1	1
	Wireless			IFU-WLM3 (Option)*14	IFU-WLM3 (Option)*14
	General				
Speaker				16 W x 1 (monaural)	16 W x 1 (monaural)
Keystone correction (Max.)*11	Vertical			+/- 7.5°	+/- 7.5°
	Horizontal			–	–
Power requirements				AC 100 V to 240 V 3.2 A to 1.3 A, 50/60 Hz	AC 100 V to 240 V 3.2 A to 1.3 A, 50/60 Hz
Power consumption	AC 100 V to 120 V	Lamp mode: High		308 W	305 W
		Lamp mode: Standard		251 W*13	251 W*13
		Lamp mode: Low		219 W*13	219 W*13
	AC 220 V to 240 V	Lamp mode: High		297 W	294 W
		Lamp mode: Standard		242 W*13	242 W*13
		Lamp mode: Low		212 W*13	212 W*13
Standby mode power consumption	AC 100 V to 120 V	Standard		4.9 W	4.9 W
		Low		0.5 W	0.5 W
	AC 220 V to 240 V	Standard		5.1 W	5.1 W
		Low		0.5 W	0.5 W
Heat dissipation	AC 100 V to 120 V			1051 BTU	1041 BTU
	AC 220 V to 240 V			1014 BTU	1004 BTU
Dimensions (W x H x D) (without protrusions)				365 x 138.7 x 310 mm 14 3/8 x 5 15/32 x 12 7/32 in	365 x 138.7 x 310 mm 14 3/8 x 5 15/32 x 12 7/32 in
Mass				4.4 kg / 9 lb	4.4 kg / 9 lb
Supplied accessories		Remote commander		RM-PJ8	RM-PJ8
		Wireless LAN Module		–	–
Optional accessories		Replacement lamp		LMP-E212	LMP-E212
		Projection lenses		–	–
				–	–
		Projection lens adapter		–	–
		Interactive pen device		–	–
		Wireless LAN Module		IFU-WLM3	IFU-WLM3

\*1 Depends on lens.

\*2 Ultra high pressure mercury.

\*3 The figures are the expected maintenance time and not guaranteed. They will depend on the environment or how the projector is used.

\*4 With two lamp sequential use.

\*5 Same time as the lamp replacement is recommended.

\*6 When attaching the VPLL-ZP41.

\*7 This value is average.

\*8 From INPUT A and INPUT B.

\*9 From INPUT A.

\*10 Works as an audio switcher function. Output from a selected channel; not available in standby.

\*11 Depends on resolution.

\*12 Without wall mount.

\*13 The values are estimate.

\*14 Connect to USB Type-A terminal.

\*15 For replacement.



# SONY

Distributed by

©2014 Sony Corporation. All rights reserved.

Reproduction in whole or in part without written permission is prohibited.

Features and specifications are subject to change without notice.

The values for mass and dimension are approximate.

"SONY", "BrightEra" and "Remote Commander" are trademarks of Sony Corporation.

Trademark PJLink is a trademark applied for trademark rights in Japan, the United States of America and other countries and areas.

The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

Pixelworks and VueMagic™ are trademark of Pixelworks Inc.

App Store is a service mark of Apple Inc.

HDBaseT™ and the HDBaseT Alliance logo are trademarks of the HDBaseT Alliance.

All other trademarks are the property of their respective owners.

MK11149V1YTAUG