SONY

# Home Cinema Projectors

ES

4K HDR ULTRA HD

TRILUMINOS DISPLAY

SXRD

## Bring the immersive excitement of a true 4K movie theater into your home

Looking for a home theater projector? Consider the unquestionable leader in the industry. For years, Sony has been perfecting digital projection in movie theaters across the globe, and our premium 4K and HD home projectors let you bring that advanced technology home. No other brand comes close to our experience from decades of making movies, entertainment, cameras, and projectors — that's how Sony lets you experience your favorite media the way the creators intended. It's beyond what you've come to expect from home entertainment. Sony Premium Home Cinema Projectors create a fully immersive, spectacular cinema experience. It makes any night at home feel like a special event.

Look for The Angry Birds movie on 4K Ultra HD

## Bring the big screen experience to any room

Sony's Premium Home Cinema Projectors give you the flexibility to bring the big screen experience to any room, thanks to their compact design, light weight, portability, improved zoom and lens shift capabilities, and whisper-quiet operations. And with models offering a range of powerful brightness, you're guaranteed an exceptional picture even in well lit rooms.

Enjoy a family movie night, game day with friends, playing video games, or your favorite streaming content on an epic scale. Home entertainment has never looked so good.

# When really big still isn't big enough

Whatever your size and space needs may be, Sony has a television that's right for your home, with models ranging from 32" Class (31.5" diag.) to 65" Class (64.5" diag.) and even 85" Class (84.5" diag.). But if you're looking for something larger than 85"* for your space, the ideal option is a Sony Home Theater Projector. The same clear, bright images that you'd find in a theater are now available for your home, thanks to Sony incorporating the same technologies that are used in high-end movie theater projectors. Enjoy immersive cinematic experiences and sports with that up-close stadium effect as you expand your viewing possibilities with screen sizes from 85"* up to 300"*.

Discover how bigger really is better when it's a Sony projector behind the action.

*viewable area

# Meet the line-up of Sony Home Cinema Projectors

Check out the possibilities for your home with Sony's full line-up of Home Cinema Projectors. Whether you're looking for an HD, 4K, or even a short throw option, there's a Sony projector to fit your space and needs.

| Model | VPL-VW5000ES | VPL-VZ1000ES | VPL-VW885ES | VPL-VW675ES | VPL-VW385ES | VPL-VW285ES | VPL-HW65ES | VPL-HW45ES |
|---|---|---|---|---|---|---|---|---|
| | Laser-Phosphor Projector | Ultra Short Throw Projector | Laser-Phosphor Projector | Front Projector | Front Projector | Front Projector | Front Projector | Front Projector |
| | | | | | | | | |
| Resolution | 4K HDR ULTRA HD | 4K HDR ULTRA HD | 4K HDR ULTRA HD | 4K HDR ULTRA HD | 4K HDR ULTRA HD | 4K HDR ULTRA HD | Full HD 1080 | Full HD 1080 |
| Brightness | 5,000 lm | 2,500 lm | 2,000 lm | 1,800 lm | 1,500 lm | 1,500 lm | 1,800 lm | 1,800 lm |
| Dynamic Contrast | ∞ to 1 | ∞ to 1 | ∞ to 1 | 350,000:1 | 200,000:1 | N/A | 120,000:1 | NA |
| Color Space | DCI / P3 TRILUMINOS DISPLAY | TRILUMINOS DISPLAY | TRILUMINOS DISPLAY | TRILUMINOS DISPLAY | TRILUMINOS DISPLAY | TRILUMINOS DISPLAY | N/A | N/A |
| Picture Position | Auto | N/A | Auto | Auto | Auto | Manual | N/A | N/A |

# VPL-VW5000ES

- True 4K resolution picture (4096 x 2160), over four times better than Full HD
- Compatible with High Dynamic Range (HDR), enabling the full brightness range of each image to be viewed accurately and clearly
- With an impressive 5,000 lumens brightness and a spectacularly high contrast range, 4K images are clear and bright with sparkling highlights and rich, deep blacks
- The ultra-pure, highly efficient laser light source provides virtually maintenance-free operation with no lamp swaps
- TRILUMINOS™ Display technology produces a much broader color range, reproducing more tones and textures than a standard projector system
- Reality Creation technology used to radically enhance Full HD content and upscale to near 4K
- Motionflow technology for higher frame-rate and smooth video performance even with 4K content

## The world's most advanced Home Cinema Projector*

Serious cinephiles need exceptional cinematic detail, color, and contrast. As the crown jewel of the Home Cinema Projector line, Sony's VPL-VW5000ES delivers the goods. This home cinema projector—the most sophisticated on the market—combines an advanced laser light source with the same Sony 4K technology found in professional cinema projectors. You get pulled right into the action with crisply detailed images and unprecedented clarity. You'll experience rich cinematic colors, smooth motion, and spectacular contrast with extremely powerful brightness, ensuring clear and sharp big-screen pictures, even on the largest home theater screens.

*Claim is based on current product specs in comparison to the home projector market as of September 2016.

ES

4K HDR ULTRA HD

3D World Created by Sony

TRILUMINOS DISPLAY

Z-Phosphor LASER LIGHT SOURCE

SXRD

## A breathtaking view with no limits

Now you can turn any room into a home theater with the stunning sharpness of 4K projection. This ultra-short throw 4K HDR home theater projector works with corner-to-corner clarity in places where projection may not previously have been possible. The VPL-VZ1000ES provides an immersive experience with more than 100" of 4K HDR picture quality in any room and no limits on the design or layout of your home. Designed for style and built for flexibility, this projector can be placed on the floor, mounted on the ceiling, or used for rear projection. However you use it, there are no limits on your imagination!

# VPL-VZ1000ES

- Ultra-short throw for ultra-flexible installation
- Compatible with High Dynamic Range (HDR), enabling the full brightness range of each image to be viewed accurately and clearly
- True 4K resolution picture (4096 x 2160), over four times better than Full HD
- 2,500 lumens brightness, produces stunning detail and rich, true color
- TRILUMINOS™ Display technology produces a much broader color range, reproducing more tones and textures than a standard projector system
- Advanced Reality Creation technology used to radically enhance Full HD content and upscale to near 4K
- 4K SXRD™ advanced projection technology features a super-fast response rate for clear, blur-free images
- Motorized zoom and shift functions make finalizing the installation a breeze

# VPL-VW885ES

- True 4K resolution picture (4096 x 2160), over four times better than Full HD
- Compatible with High Dynamic Range (HDR), enabling the full brightness range of each image to be viewed accurately and clearly
- The ultra-pure, highly efficient laser light source provides virtually maintenance-free operation with no lamp swaps
- 2,000 lumens brightness, produces stunning detail and rich, true color
- TRILUMINOS™ Display technology produces a much broader color range, reproducing more tones and textures than a standard projector system
- Reality Creation technology used to radically enhance Full HD content and upscale to near 4K
- Picture position memories let you switch between movie and TV aspect ratios, including Cinemascope and 16:9, at the push of a button
- Motionflow technology for higher frame-rate and smooth HD or 4K video performance.

## Revel in 4K HDR Laser Clarity

The VPL-VW885ES brings movies to life with extraordinary cinematic detail, color and contrast. This home projector combines an advanced laser light source with the same 4K SXRD panel technology found in Sony professional cinema projectors in a compact chassis. Crisply detailed native 4K images (4096 x 2160) offer four times the resolution of Full HD, pulling you right into the heart of the action. You'll experience fabulously rich cinematic colors, smooth motion and spectacular contrast. Savor the action with 2000 lumens brightness for vibrant images, in dark or well-lit rooms. The ultra-pure, highly efficient laser light source provides long-lasting brightness releasing you from the worries of brightness decay typical of lamps.

ES

4K HDR ULTRA HD

TRILUMINOS DISPLAY

Z-Phosphor LASER LIGHT SOURCE

SXRD

# Designed for the true movie lover

Imagine watching your favorite movies in true wide screen mode as it was presented in the movie theater and then switching to a TV or sports program in 16:9 aspect ratio at the push of a button. Our VPL-VW675ES Home Cinema Projector gives you that flexibility, along with a fully immersive movie-theater experience of 4K in your own home with more than four times the resolution of Full HD. Add HDR, exceptionally dynamic contrast and great brightness, and you're seeing stunning detail and rich color. Get ready to make the most of your movie viewing experience.

# VPL-VW675ES

- True 4K resolution picture (4096 x 2160), over four times better than Full HD
- Complies with High Dynamic Range (HDR), enabling the full range of each image to be viewed accurately and clearly
- 1,800 lumens brightness, produces stunning detail and rich, true color
- Picture position memories let you switch between movie and TV aspect ratios, including Cinemascope and 16:9, at the push of a button.
- TRILUMINOS™ Display technology produces a much broader color range, reproducing more tones and textures than a standard projector system
- Reality Creation technology used to radically enhance Full HD content and upscale to near 4K
- Built-in RF 3D sync Transmitter
- Motionflow technology for higher frame-rate and smooth video performance

# VPL-VW385ES

- Advanced Iris provides great detail in bright as well as dark scenes
- Full 4K resolution picture (4096 x 2160), over four times better than Full HD
- Compatible with High Dynamic Range (HDR), enabling the full brightness range of each image to be viewed accurately and clearly
- 1,500 lumens brightness, produces stunning detail and rich, true color
- TRILUMINOS™ Display technology produces a much broader color range, reproducing more tones and textures than a standard projector system
- Reality Creation technology used to radically enhance Full HD content and upscale to near 4K
- Picture position memories let you switch between movie and TV aspect ratios, including Cinemascope and 16:9, at the push of a button
- Motionflow technology for higher frame-rate and smooth video performance

## Breathtaking 4K HDR clarity and brightness

Bring entertainment and gaming to lifelike brilliance when you experience 4K HDR clarity and brightness in every living space with the new VPL-VW385ES 4K HDR Home Theater Projector. With a dynamic contrast ratio of 200,000: 1 and Advanced Iris, every scene springs to life with finer detail, realism, and deep blacks. This model's great value lets you take full advantage of the latest content in impressive sharpness and vivid color, whether you're watching sports, enjoying movies, or playing games. The picture is so incredibly lifelife, it's like being there.

ES 4K HDR ULTRA HD 3D world Created by Sony TRILUMINOS DISPLAY SXRD

## True 4K for under $5K

Introducing the new VPL-VW285ES model for home theaters in smaller spaces. Enjoy up to 200 inches in True 4K HDR in any room. Experience the latest HDR content with an extremely wide contrast range and a greater volume of colors. This compact projector provides amazing picture quality for cozier rooms while still allowing large screen size. The VPL-VW285ES projector is a great introduction to the breathtaking clarity of 4K, compatible with gaming systems and high frame rate movies. And its whisper-quiet operation doesn't interfere with your enjoyment of even quiet movie scenes.

# VPL-VW285ES

- Full 4K resolution picture (4096 x 2160), over four times better than Full HD
- Compatible with High Dynamic Range (HDR), enabling the full brightness range of each image to be viewed accurately and clearly
- 1,500 lumens brightness, produces stunning detail and rich, true color
- TRILUMINOS™ Display technology produces a much broader color range, reproducing more tones and textures than a standard projector system
- Reality Creation technology used to radically enhance Full HD content and upscale to near 4K
- Compact size allows installation in smaller rooms while permitting large screen size
- 6,000h long-lasting lamp
- Motionflow technology for higher frame-rate and smooth video performance

# VPL-HW65ES

- 1,800 lumen brightness, delivering clearer images in well-lit environment
- A dynamic contrast ratio of 120,000:1 makes every scene spring to life with finer detail, realism, and deep blacks.
- Advanced SXRD™ Panels produce an ultra-smooth picture by minimizing the space between pixels
- Reality Creation has been improved by taking the same technology from our 4K home cinema models
- Built-in RF 3D sync Transmitter
- Motionflow technology for higher frame-rate and smooth video performance
- UP to 6,000* hours recommended lamp replacement time, due to an enhanced lamp driving system
- Complies with many home automation systems via an RJ45 (IP), RS-232C, TRIGGER and IR IN interfaces

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

## Get closer to a real cinema experience

Movies come alive with the VPL-HW65ES, a Full HD 3D Home Cinema Projector packed with our latest technology for an incredibly sharp, crystal-clear cinematic experience. You can savor the action with high-contrast brightness from a long-lasting lamp capable of up to 6,000 hours of illumination. And the action stays smooth with the innovative technology of Motionflow. Select from nine picture calibration modes, including two cinema film modes, cinema digital, and bright cinema, to quickly calibrate the picture to what you're watching or playing. The vibrant images make every scene spring to life with fine detail and realism.

ES | 1920 x 1080 Full HD 3D | SXRD | DFI Dark Frame Insertion Motionflow | 24P TRUE CINEMA

# The value-packed introduction to premium home projection

Expand your horizons beyond the TV screen—and create a spectacular viewing experience in your own home. The affordable VPL-HW45ES Home Cinema Projector lets you enjoy your favorite entertainment in 2D or 3D. It's packed with technology developed for our professional digital cinema projectors, including SXRD panels and Advanced Reality Creation upscaling technology for fabulously detailed Full HD images. Generous 1,800 lumens brightness ensures that you can watch movies and TV in clear, sharp focus, even in daylit living rooms.

ES

1920 x 1080 Full HD 3D

SXRD

DFI Dark Frame Insertion Motionflow

24P TRUE CINEMA

# VPL-HW45ES

- 1,800 lumen brightness, delivering clearer images in well-lit environment
- Advanced SXRD™ Panels produce an ultra-smooth picture by minimizing the space between pixels
- Reality Creation has been improved by taking the same technology from our 4K home cinema models
- Built-in IR 3D sync Transmitter
- Motionflow technology for higher frame-rate and smooth video performance
- UP to 6,000* hours recommended lamp replacement time, due to an enhanced lamp driving system
- Input lag reduction mode for more responsive gaming

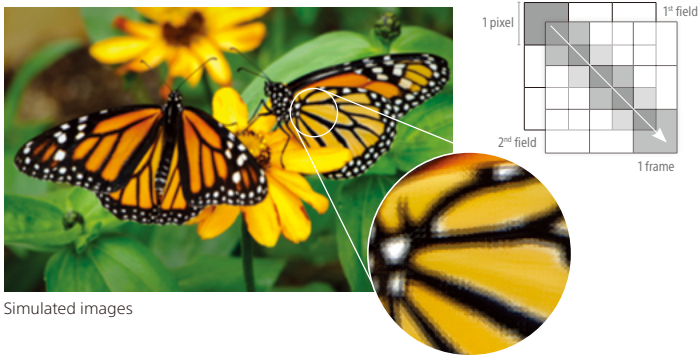
* The figures are expected maintenance time and not guaranteed. They will depend on the environment or how the projector is used.

# True 4K images with no pixel shifting

Sony offers the only Home Cinema Projectors with true 4K resolution, giving you over 8 million pixels and four times the resolution of HD. Competing brands can only provide an enhanced HD experience using pixel-shifting technology.

**Native 4K Resolution**

**Pixel Shifting Technologies**




Simulated images

# HDR Technology

High Dynamic Range (HDR) reproduces a wider range of brightness levels than conventional video, which brings a deeper contrast to the screen, greater volume of colors, and incredible detail in low-light images. Watching movies and TV shows mastered in HDR will give you a vivid new viewing experience filled with brilliant color and dramatic contrast.

**HDR input**

**SDR input**

Simulated images

# OPTIONAL ACCESSORIES

**LMP-H210**
Projector Lamp
(replacement lamp for VPL-HW45ES & VPL-HW65ES)

**LMP-H280**
Projector Lamp
(replacement lamp for VPL-VW675ES)

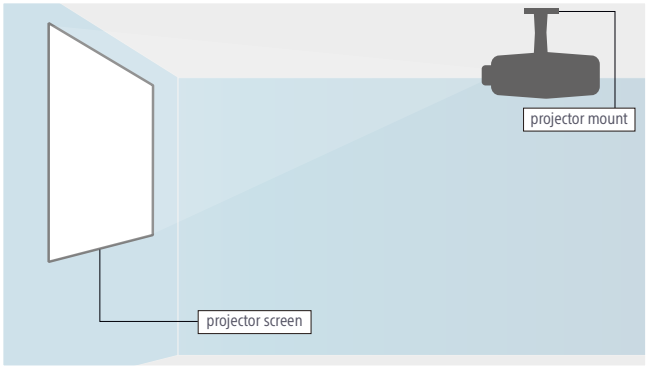
**LMP-H220**
Projector Lamp
(replacement lamp for VPL-WV385ES and VPL-VW285ES)

**TDG-BT500A**
3D active shutter glasses (RF type)

# COMPATIBLE LENSES for VPL-VW5000ES

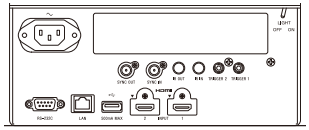
| Projection lens | VPLL-Z7008 (Optional) | VPLL-Z7013 (Bundled) |
|---|---|---|
| | | |
| Throw ratio | 0.80:1 to 1.02:1 | 1.27:1 to 2.73:1 |
| Zoom / Focus | Powered/Powered | Powered/Powered |
| Lens shift | Powered, Vertical: +/- 50 %, Horizontal: +/- 18 % | Powered, Vertical: +/- 80 %, Horizontal: +/- 31 % |
| Aperture | f/2.9 | f/2.9 to 3.9 |
| Screen size* | 60" to 1000" | 60" to 300" |
| Dimensions | Wide W 5 9/32 x H 5 9/32 x D 12 5/32 in (W 134 x H 134 x D 309 mm) Tele W 5 9/32 x H 5 9/32 x D 11 5/32 in (W 134 x H 134 x D 283 mm) | W 5 5/32 x H 5 5/32 x D 9 29/32 in (W 131 mm x H 131 mm x D 252 mm) |
| Mass | 8.2 lb / 3.7 kg | 5.7 lb / 2.6 kg |

When purchasing a Sony Home Theater Projector, in addition to the available Sony accessories, you may want to consider purchasing third-party accessories such as a screen or ceiling mount to complement your projector and enhance your overall viewing experience. There are wide variety of screen and mount options available on the market today, at a variety of price points to best suit your space, budget and particular needs.



# CONNECTOR PANEL

**VPL-VW5000ES**



**VPL-VW675ES/**
**VPL-VW385ES/ VPL-VW285ES**

**VPL-HW65ES**

**VPL-HW45ES**

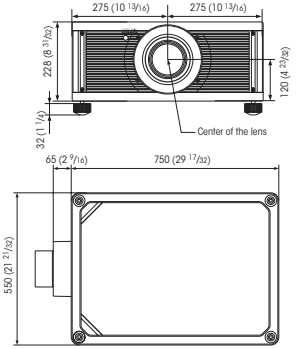
**VPL-VZ1000ES**

**VPL-VW885ES**

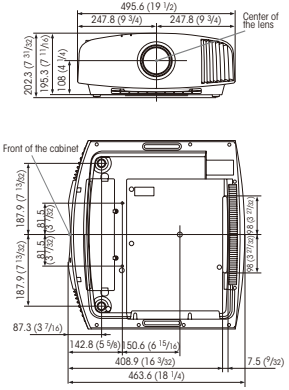
# DIMENSIONS

Units: mm (inches)

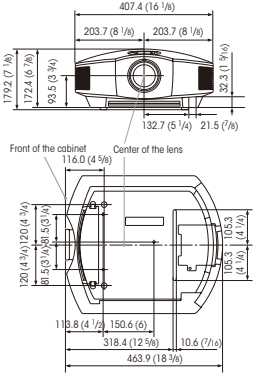
**VPL-VW5000ES**



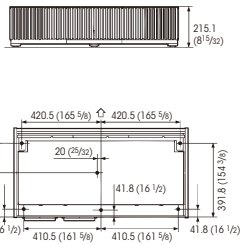

**VPL-VW675ES /**
**VPL-VW385ES /**
**VPL-VW285ES /**



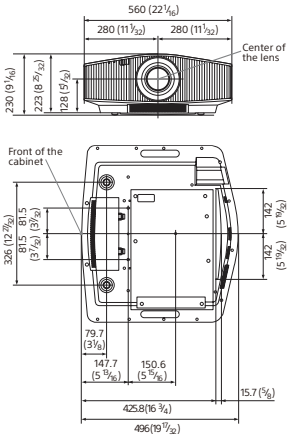

**VPL-HW65S /**
**VPL-HW45ES**



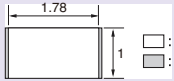

**VPL-VZ1000ES**

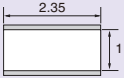



**VPL-VW885ES**



# When projecting in 1.78:1 (16:9) / 2.35:1 format




## Projection distance

### VPL-VW5000ES

Unit: inches (m)

| 1.78:1 (16:9) | | | 2.35:1 | | |
|---|---|---|---|---|---|
| Projection image size | | Projection distance L | Projection image size | | Projection distance L |
| Diagonal | Width × Height | | Diagonal | Width × Height | |
| 80" (2.03 m) | 70" × 39" (1.77 m × 1.00 m) | 93" – 202" (2.35 m – 5.15 m) | 80" (2.03 m) | 74" × 31" (1.87 m × 0.80 m) | 92" – 200" (2.33 m – 5.10 m) |
| 100" (2.54 m) | 87" × 49" (2.21 m × 1.25 m) | 117" – 254" (2.96 m – 6.46 m) | 100" (2.54 m) | 92" × 39" (2.34 m × 0.99 m) | 116" – 251" (2.93 m – 6.39 m) |
| 120" (3.05 m) | 105" × 59" (2.66 m × 1.49 m) | 141" – 305" (3.56 m – 7.77 m) | 120" (3.05 m) | 110" × 47" (2.80 m × 1.19 m) | 139" – 302" (3.53 m – 7.69 m) |
| 150" (3.81 m) | 131" × 74" (3.32 m × 1.87 m) | 176" – 383" (4.47 m – 9.73 m) | 150" (3.81 m) | 138" × 59" (3.51 m × 1.49 m) | 175" – 379" (4.43 m – 9.63 m) |
| 200" (5.08 m) | 174" × 98" (4.43 m ×2.49 m) | 236" – 511" (5.99 m – 13.00 m) | 200" (5.08 m) | 174" × 98" (4.67 m × 1.99 m) | 234" – 506" (5.93 m – 12.86 m) |

### VPL-VW675ES/VW285ES/VW385ES/VW885ES

Unit: inches (m)

| 1.78:1 (16:9) | | | 2.35:1 | | |
|---|---|---|---|---|---|
| Projection image size | | Projection distance L | Projection image size | | Projection distance L |
| Diagonal | Width × Height | | Diagonal | Width × Height | |
| 80" (2.03 m) | 70" × 39" (1.77 m × 1.00 m) | 96" – 197" (2.44 m – 5.01 m) | 80" (2.03 m) | 74" × 31" (1.87 m × 0.80 m) | 95" – 195" (2.41 m – 4.96 m) |
| 100" (2.54 m) | 87" × 49" (2.21 m × 1.25 m) | 121" – 247" (3.05 m – 6.28 m) | 100" (2.54 m) | 92" × 39" (2.34 m × 0.99 m) | 119" – 244" (3.02 m – 6.22 m) |
| 120" (3.05 m) | 105" × 59" (2.66 m × 1.49 m) | 145" – 297" (3.67 m – 7.55 m) | 120" (3.05 m) | 110" × 47" (2.80 m × 1.19 m) | 143" – 294" (3.64 m – 7.47 m) |
| 150" (3.81 m) | 131" × 74" (3.32 m × 1.87 m) | 181" – 371" (4.60 m – 9.44 m) | 150" (3.81 m) | 138" × 59" (3.51 m × 1.49 m) | 180" – 368" (4.55 m – 9.35 m) |
| 200" (5.08 m) | 174" × 98" (4.43 m ×2.49 m) | 242" – 496" (6.15 m – 12.61 m) | 200" (5.08 m) | 174" × 98" (4.67 m × 1.99 m) | 240" – 491" (6.08 m – 12.48 m) |

### VPL-HW65ES/HW45ES

Unit: inches (m)

| 1.78:1 (16:9) | | | 2.35:1 | | |
|---|---|---|---|---|---|
| Projection image size | | Projection distance L | Projection image size | | Projection distance L |
| Diagonal | Width × Height | | Diagonal | Width × Height | |
| 80" (2.03 m) | 70" × 39" (1.77 m × 1.00 m) | 99" – 142" (2.53 m – 3.61 m) | 80" (2.03 m) | 74" × 31" (1.87 m × 0.80 m) | 105" – 150" (2.67 m – 3.81 m) |
| 100" (2.54 m) | 87" × 49" (2.21 m × 1.25 m) | 125" – 178" (3.17 m – 4.52 m) | 100" (2.54 m) | 92" × 39" (2.34 m × 0.99 m) | 132" – 188" (3.35 m – 4.77 m) |
| 120" (3.05 m) | 105" × 59" (2.66 m × 1.49 m) | 150" – 214" (3.81 m – 5.43 m) | 120" (3.05 m) | 110" × 47" (2.80 m × 1.19 m) | 159" – 226" (4.03 m – 5.74 m) |
| 150" (3.81 m) | 131" × 74" (3.32 m × 1.87 m) | 188" – 268" (4.77 m – 6.80 m) | 150" (3.81 m) | 138" × 59" (3.51 m × 1.49 m) | 198" – 283" (5.04 m – 7.18 m) |
| 200" (5.08 m) | 174" × 98" (4.43 m ×2.49 m) | 252" – 357" (6.38 m – 9.08 m) | 200" (5.08 m) | 184" × 78" (4.67 m × 1.99 m) | 265" – 379" (6.74 m – 9.59 m) |

| Model Name | | | | VPL-VW5000ES | VPL-VZ1000ES | VPL-HW65ES | VPL-HW45ES |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| **Optical** | | | | | | | |
| Display system | | | | 4K SXRD panel,projection system | 4K SXRD panel, projection system | SXRD panel,projection system | SXRD panel,projection system |
| Display device | Size of effective display area | | | 0.74" x 3 | 0.74" x 3 SXRD | 0.61" x 3 | 0.61" x 3 |
| | Number of pixels | | | 26,542,080 (4096 x 2160 x 3) pixels | 26,542,080 (4096 x 2160 x 3) pixels | 6,220,800 (1920 x 1080 x 3) pixels | 6,220,800 (1920 x 1080 x 3) pixels |
| Projection lens | Focus | | | Powered *6 | Powered | Manual | Manual |
| | Zoom | Powered / Manual | | Powered (Approx. 2.1x) | Powered (Approx. 1.02x) | Manual (Approx. 1.6x) | Manual (Approx. 1.6x) |
| | Lens shift | Powered / Manual | | Powered *6 | Powered | Manual | Manual |
| | | Range | Vertical | +/- 80% *6 | +/-6 % | +/- 71% | +/- 71% |
| | | | Horizontal | +/- 31% *6 | +/-3 %* | +/- 25% | +/- 25% |
| Light source | Type | | | Laser diode | Laser diode | Ultra high pressure lamp | Ultra high pressure lamp |
| | Wattage | | | - | - | 215 W | 215 W |
| Screen size | | | | 60" to 300" (15.24 m to 76.24 m) | 80" to 120" (2030 mm to 3050 mm)* | 40" to 300" (10.16 m to 76.24 m) | 40" to 300" (10.16 m to 76.24 m) |
| Light output | | | | 5000 lm | 2500 lm*2 | 1800 lm | 1800 lm |
| Color light output | | | | 5000 lm | 2500 lm*2 | 1800 lm | 1800 lm |
| Dynamic contrast *1 | | | | ∞ : 1 (dynamic contrast) | ∞:1*3 | 120,000:1 | N/A |
| **Interface** | | | | | | | |
| Input / Output | HDMI1 / HDMI2 | | | Digital (RGB/Y Pb/Cb Pr/Cr) *2 | Digital (RGB/Y Pb/Cb Pr/Cr) (x4) | Digital (RGB/Y Pb/Cb Pr/Cr) | Digital (RGB/Y Pb/Cb Pr/Cr) |
| | Trigger | | | Minijack, DC 12 V Max. 100 mA (2) | Mini Jack, DC 12 V Max. 100 mA | Minijack, DC 12 V Max. 100 mA (1) | - |
| | Remote | | | RS-232C, D-sub 9-pin (female) | RS-232C, D-sub 9-pin (female) | RS-232C, D-sub 9-pin (female) | RS-232C, D-sub 9-pin (female) |
| | LAN | | | RJ45, 10BASE-T/100BASE-TX | RJ-45, 10Base-T/100BASE-TX | RJ45, 10Base-T/100BASE-TX | - |
| | IR IN / OUT | | | IN:1, OUT:1, Mini jack | Mini Jack | Mini jack | Mini jack |
| | USB (for Updates) | | | Type A, DC 5V, Max. 500 mA | Type A, DC 5V, Max. 500 mA | Type A, DC 5V, Max. 500 mA | Type A, DC 5V, Max. 500 mA |
| **General** | | | | | | | |
| Acoustic noise | | | | 30 dB ~ 35 dB *4 | 24 dB*4 | 22dB | 22dB |
| Power requirements | | | | AC 100 V to 240 V, 12 A to 6 A, 50 Hz / 60 Hz | AC 100 V to 240 V, 4.4 A to 1.9 A, 50 Hz /60 Hz | AC 100 V to 240 V, 3.1 A to 1.3 A, 50 Hz / 60 Hz | AC 100 V to 240 V, 3.1 A to 1.3 A, 50 Hz / 60 Hz |
| Power consumption | | | | 1.2 kW | 435 W | 300 W | 310 W |
| Power consumption | Standby | | | 0.4 W (when "Remote Start" is set to "Off") | 0.5 W (when "Remote Start" is set to "Off") | 0.4 W (when "Remote Start" is set to "Off") | 0.4 W (when "Remote Start" is set to "Off") |
| | Networked Standby | | | 0.6 W (LAN) (when "Remote Start" is set to "On") | 0.6 W (LAN) (when "Remote Start" is set to "On") | 1.0 W (when "Remote Start" is set to "On") | 1.0 W (when "Remote Start" is set to "On") |
| Body color | | | | Black | Black | Black | Black |
| Dimensions (W x H x D) *5 (without protrusions) | | | | 21 21/32 x 8 31/32 x 29 17/32 inches<br>550 x 228 x 750 mm | 36 13/32 x 8 19/32 x 19 7/16 inches<br>925 × 218.5 × 493.8 mm | 16 1/8 x 7 1/8 x 18 3/8 inches<br>407.4 x 179.2 x 463.9 mm | 16 1/8 x 7 1/8 x 18 3/8 inches<br>407.4 x 179.2 x 463.9 mm |
| Mass *5 | | | | Approx. 88 lb / 40 kg (excluding lens) | Approx. 77 lb / 35kg<br>(without side and top covers) | Approx. 20 lb / 9 kg | Approx. 20 lb / 9 kg |
| Supplied accessories | Remote commander | | | RM-PJ24 | RM-PJ28 | RM-PJ28 | RM-PJ28 |
| Optional accessories | Replacement lamp | | | - | - | LMP-H210 | LMP-H210 |
| | Projection lenses | | | VPLL-Z7008 (Short Throw Lens) | - | - | - |
| | 3D Glasses | | | TDG-BT500A | TDG-BT500A | TDG-BT500A | TDG-BT500A |

*1 This value is average. *2 Both HDMI inputs are compatible with HDCP 2.2. *3 HDMI Input2 is compatible with HDCP 2.2.

*4 They will depend on the environment or how the projectors is used. When under normal environment. *5 This value is approximate. *6 When the VPLL-Z7013 (bundled lens) is used.

| Model Name | | | | VPL-VW885ES | VPL-VW675ES | VPL-VW385ES | VPL-VW285ES |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| **Optical** | | | | | | | |
| Display system | | | | 4K SXRD panel, projection system | 4K SXRD panel,projection system | 4K SXRD panel, projection system | 4K SXRD panel, projection system |
| Display device | Size of effective display area | | | SXRD 0.74" x3 | 0.74" x 3 | SXRD 0.74" x3 | SXRD 0.74" x3 |
| | Number of pixels | | | 26,542,080 (4096 x 2160 x 3) pixels | 26,542,080 (4096 x 2160 x 3) pixels | 26,542,080 (4096 x 2160 x 3) pixels | 26,542,080 (4096 x 2160 x 3) pixels |
| Projection lens | Focus | | | Powered | Powered | Powered | Powered |
| | Zoom | Powered / Manual | | Powered (Approx. 2.1x) | Powered (Approx. 2.1x) | Powered (Approx. 2.1x) | Powered (Approx. 2.1x) |
| | Lens shift | Powered / Manual | | Powered | Powered | Powered | Powered |
| | | Range | Vertical | + 85% / - 80% | + 85% / - 80% | + 85% / - 80% | + 85% / - 80% |
| | | | Horizontal | 31% | +/- 31% | 31% | 31% |
| Light source | Type | | | Laser diode | Ultra high pressure lamp | Ultra high pressure lamp | Ultra high pressure lamp |
| | Wattage | | | - | 280 W | 225W | 225W |
| Screen size | | | | 60" to 300" (15.24 m to 76.24 m) | 60" to 300" (15.24 m to 76.24 m) | 60" to 300" (15.24 m to 76.24 m) | 60" to 300" (15.24 m to 76.24 m) |
| Light output | | | | 2,000 lm | 1800 lm | 1,500 lm | 1,500 lm |
| Color light output | | | | 2,000 lm | 1800 lm | 1,500 lm | 1,500 lm |
| Dynamic contrast *1 | | | | ∞:1 | 350,000:1 | 200,000:1 | - |
| **Interface** | | | | | | | |
| Input / Output | HDMI1 / HDMI2 | | | Digital (RGB/Y Pb/Cb Pr/Cr) | Digital (RGB/Y Pb/Cb Pr/Cr) *3 | Digital (RGB/Y Pb/Cb Pr/Cr) | Digital (RGB/Y Pb/Cb Pr/Cr) |
| | Trigger | | | Minijack, DC 12 V Max. 100 mA (2) | Minijack, DC 12 V Max. 100 mA (2) | Minijack, DC 12 V Max. 100 mA (2) | Minijack, DC 12 V Max. 100 mA (2) |
| | Remote | | | RS-232C, D-sub 9-pin (male) | RS-232C, D-sub 9-pin (female) | RS-232C, D-sub 9-pin (female) | RS-232C, D-sub 9-pin (female) |
| | LAN | | | RJ45, 10Base-T/100BASE-TX | RJ45, 10Base-T/100BASE-TX | RJ45, 10Base-T/100BASE-TX | RJ45, 10Base-T/100BASE-TX |
| | IR IN / OUT | | | Mini Jack | Mini jack | Mini jack | Mini jack |
| | USB (for Updates) | | | Type A, DC 5V, Max. 500 mA | Type A, DC 5V, Max. 500 mA | Type A, DC 5V, Max. 500 mA | Type A, DC 5V, Max. 500 mA |
| **General** | | | | | | | |
| Acoustic noise | | | | 26 dB | 26dB | 26 dB | 26 dB |
| Power requirements | | | | AC 100 V to 240 V, 4.3 A to 1.8 A, 50/60Hz | AC 100 V to 240 V, 4.1 A to 1.7 A, 50 Hz / 60 Hzz | AC 100 V to 240 V, 3.5A to 1.5A, 50/60Hz | AC 100 V to 240 V, 3.5A to 1.5A, 50/60Hz |
| Power consumption | | | | 450 W | 390 W | 350W | 350W |
| Power consumption | Standby | | | 0.3 W (when "Remote Start" is set to "Off") | 0.3 W (when "Remote Start" is set to "Off") | 0.3 W (when "Remote Start" is set to "Off") | 0.3 W (when "Remote Start" is set to "Off") |
| | Networked Standby | | | 1.0 W (LAN) (when "Remote Start" is set to "On") | 1.0 W (when "Remote Start" is set to "On") | 1.0 W (LAN) (when "Remote Start" is set to "On") | 1.0 W (LAN) (when "Remote Start" is set to "On") |
| Body color | | | | Black | Black | Black | Black |
| Dimensions (W x H x D) *5 (without protrusions) | | | | 22 1/25 x 8 7/10 x 19 12/25 inches<br>560 × 223 × 495 mm | 19 1/2 x 7 11/16 x 18 1/4 inches<br>495.6 x 195.3 x 463.6 mm | 19 1/2 x 7 7/10 x 18 13/50 inches<br>496 × 195 × 464 mm | 19 1/2 x 7 7/10 x 18 13/50 inches<br>496 × 195 × 464 mm |
| Mass *5 | | | | Approx. 44 lb / 20kg | Approx. 31 lb / 14 kg | Approx. 31 lb / 14kg | Approx. 31 lb / 14kg |
| Supplied accessories | Remote commander | | | RM-PJ24 | RM-PJ24 | RM-PJ24 | RM-PJ24 |
| Optional accessories | Replacement lamp | | | - | LMP-H280 | LMP-H220 | LMP-H220 |
| | Projection lenses | | | - | - | - | - |
| | 3D Glasses | | | TDG-BT500A | TDG-BT500A | TDG-BT500A | TDG-BT500A |

*For 16:9 display *2 The values are estimate. *3 This value is approximate. Depends on the projector setting condition and usage environment

*4 They will depend on the environment or how the projectors is used. When under normal environment.

SONY

**IMPORTANT NOTICE**

This equipment is assigned a Model No. VPL-VW5000 for regulatory compliance certifications.
The number is indicated on the model number label on product along with the rated voltage and current.

LASER NOTICES
For the U.S.A.and Canada
IEC 60825-1:2007

For other countries
IEC 60825-1:2014

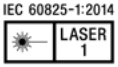
CLASS 1 LASER PRODUCT
RISK GROUP 2 to IEC 62471:2006
Caution: Possibly hazardous optical radiation emitted from this product.

**IMPORTANT NOTICE**

This equipment is assigned a Model No. VPL-VZ1000 for regulatory compliance certifications.
The number is indicated on the model number label on product along with the rated voltage and current.

LASER NOTICES
For the U.S.A.
IEC 60825-1:2007

For other countries
IEC 60825-1:2014



**Distributed by**

©2017 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. Screen images simulated.
"SONY", "3D World", "TRILUMINOS", "Z-Phosphor", "SXRD" and "Remote Commander" are trademarks of Sony Corporation. 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. All other trademarks are the property of their respective owners. **FPJ004**