

SONY

bringing cinema home
in **4K, Full HD** and **HDR**

SXRD™ Home Cinema Projector Range

4K



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bringing cinema home in 4K, Full HD and HDR

Imagine your favourite movies in true cinematic detail. From 4K to Full HD, create a real movie theatre feel at home.

4K gives you more than four times the resolution of Full HD, the same as you would see at a professional cinema. Our 3D projectors bring the action to life with incredible impact.



LSPX-W1S

Turn your wall into a life-size window to another world with the beautifully crafted and hand made Life Space UX 4K ultra short throw projector.



VPL-GTZ1

We have combined the best of our projector technologies: 4K, laser light source and ultra-short-throw capabilities into our VPL-GTZ1. Designed specifically for dedicated home cinema rooms and dark rooms for the best cinema experience possible.



VPL-VW5000ES

The world's most advanced home cinema projector combines an advanced laser light source with the same Sony 4K SXRD panel technology that's found in our professional cinema projectors, so it's an unforgettable experience, whatever you're watching.



VPL-VW1100ES

For dedicated screening spaces, this is home cinema at its very best. Spectacular native 4K resolution (more than four times the quality of Full HD) and a host of advanced features make this our leading 4K Home Cinema projector.



VPL-VW550ES

Delivering the same, incredible native 4K resolution, the VPL-VW550ES is ideal for home cinema enthusiasts. A smaller optical engine and compact design allows flexible installation in your movie room.



VPL-VW320ES

The VPL-VW320ES delivers stunning, detail-packed images and incredibly lifelike colour, like never before. And with 1,500 ANSI lumens brightness, you're guaranteed an exceptional picture, even in well-lit rooms.



VPL-HW65ES

Our Full HD 3D projector produces an incredible cinematic experience, far beyond the reach of TV. Reality Creation upscales your movies and SXRD panels synchronise with your 3D glasses for remarkable impact.



VPL-HW45ES

Enjoy a high-impact, great value home cinema experience, bursting with detail. Advanced SXRD panels, Reality Creation and 1,800 lumens brightness mean you'll see your favourite films like never before.



4K HDR: the ultimate,

See the truly bigger picture with 4K HDR. You'll see the movie the director intended you to see – every detail, every texture, every tone.

4 home projector range - 4K



fully immersive visual experience



4K native resolution: no compromise

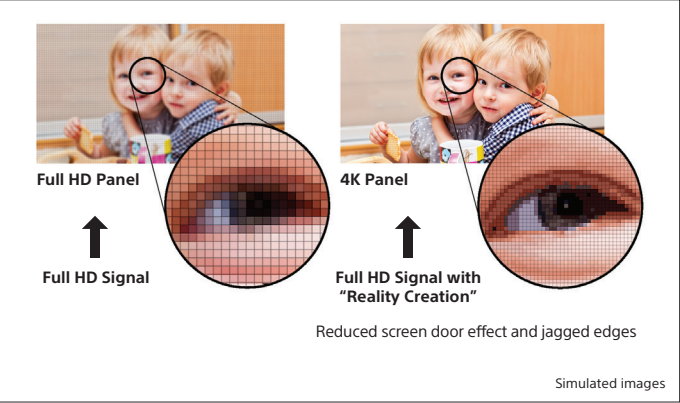
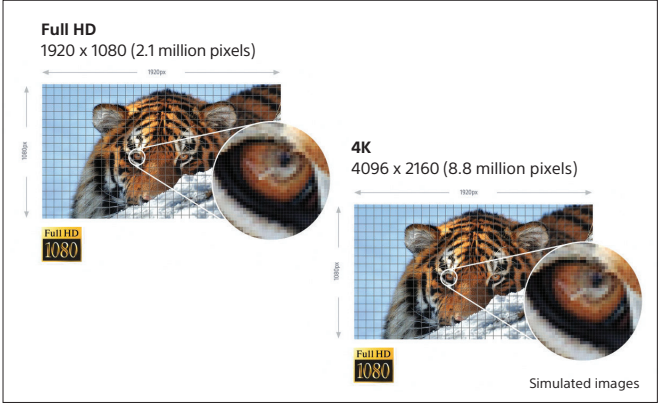
Our 4K Home Cinema projectors offer 4096 x 2160 resolution, more than four times the resolution of Full HD. The 4K SXRD panels have been developed by Sony using 4K technology from our professional cinema projectors. They deliver a native 4K picture with no electronic enhancement of pixels.

Reality Creation 4K upscaling of Full HD content

In addition to supporting 4K native resolution, our 4K projectors also feature Reality Creation, an exclusive Super Resolution upscaler. It dramatically enhances high definition 1080p content, so you'll get the most from your existing Blu-ray Disc™ libraries at home. For greater versatility, it can also display Full HD, 3D and even 4K upscaling of 3D movies.

High Dynamic Range (HDR)

View a wider range of brightness levels with HDR, the emerging video format that allows content creators to expand their range of creativity. HDR content is now available from major video service providers like Netflix and Amazon Instant Video soon. (VPL-VW5000ES, VPL-VW550ES and VPL-VW320ES)



Advanced SXRD panels for truly cinematic 4K and Full HD resolution

Highly developed SXRD panels produce an ultra-smooth native picture by dramatically reducing the space between pixels at a super-fast speed.

SXRD



Digital drive panels minimise the space between pixels, aligning red, green and blue areas in every frame at an incredible response rate of 2.5-milliseconds. That's much faster, and more stable, than an LCD TV, producing ultra-smooth, dot-free pictures with natural, fluid movement.

4K native resolution: over 4x better than Full HD

No compromises: the VPL-VW1100ES, VPL-VW550ES and VPL-VW320ES provide 4096 x 2160 4K resolution (the DCI standard in digital cinemas). We used our professional cinema expertise to develop 4K SXRD panels and produce a 4K native picture with no artificial enhancement of pixels.



The typical 'screen door' effect seen on projectors without SXRD technology.

Full HD 3D with advanced Iris3

SXRD panels with advanced Iris3 technology in the VPL-HW65ES projector reduce pixel gaps and reproduce up to 240 frames per second for super-sharp images. Because our 3D glasses have a synchronised shutter speed, you'll also enjoy incredible high-definition 3D with minimal crosstalk.



The SXRD panel minimises the space between the pixels to 0.2µm.

a multitude of picture and colour enhancement technologies

4K and Full HD 3D technologies offer true-to-life picture quality, but blowing them up to 300"/7.6m also means you'll notice any flaws. Our SXRD home cinema projectors have many features to ensure optimum picture quality.





Reality Creation

Innovated for our 4K Home Cinema projectors, Reality Creation has now been adapted for our VPL-HW65ES and VPL-HW45ES projectors. It reproduces the colour and texture of the original 1080p content by restoring missing information lost during packaging of the original to disc. As a result, you can enjoy sharp and crisp Full HD pictures.

Laser light source technology (LSPX-W1S, VPL-GTZ1 and VPL-VW5000ES only)

The highly efficient laser light source delivers exceptionally bright pictures with excellent colour accuracy and stability, high efficiency and significantly greater durability. Up to 20,000 hours of virtually maintenance-free operation can be achieved without the need for a lamp exchange. Save time and money, reducing the costs normally associated with bulb replacement.

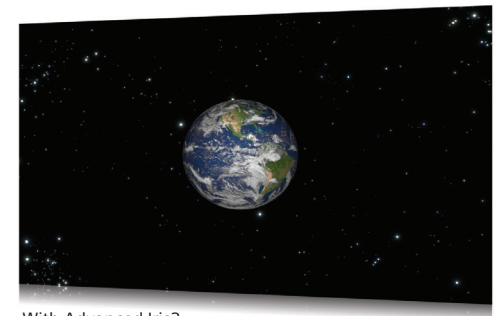


Superior Home Cinema for your living room

Conventional home cinema projectors typically enhance green colours to increase brightness, which compromises quality. Sony Home Cinema projectors use Bright Cinema and Bright TV Mode to retain high brightness without sacrificing colour reproduction or contrast, so you can enjoy a crisp, bright picture, even in a well-lit room.



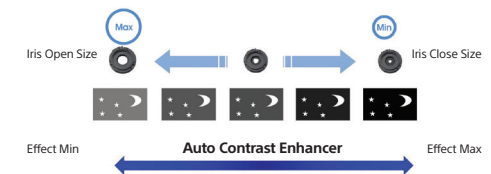
Without Advanced Iris3



With Advanced Iris3

Advanced Iris3 for optimum dynamic contrast*

Don't miss out on the detail in dark scenes. Advanced Iris3 technology works like the human eye to produce the optimum dynamic contrast for the picture. The impact on image quality makes a real difference to your film picture, making your home truly feel like a cinema.



*Except VPL-VW320ES and VPL-HW45ES



Simulated images

Colour as real as life

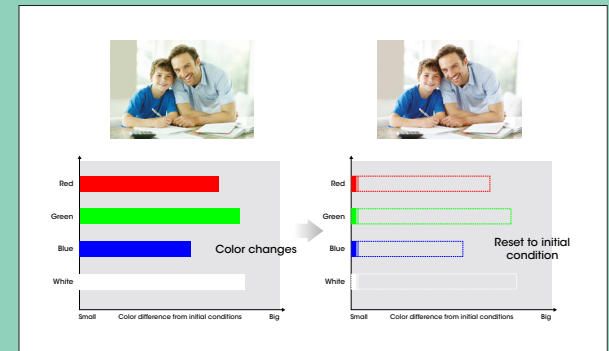
(VPL-VW5000ES, VPL-VW1100ES, VPL-VW550ES, VPL-VW320ES, VPL-GTZ1 and LSPX-W1S only)

From the deepest blues to the freshest greens and boldest reds, you'll experience colours as bright – and subtle – as real life. Our 4K projectors use unique TRILUMINOS™ technology to create a broader colour palette, so what you see on screen has greater purity, depth and realism.



Motionflow and New Motionflow

For fast-moving scenes, the VPL-VW1100ES, VPL-HW45ES, VPL-GTZ1 and LSPX-W1S use our Motionflow technology, displaying twice as many images and transitions per second as Full HD for minimal blur. The VPL-VW5000ES, VPL-VW550ES, VPL-VW320ES and VPL-HW65ES use New Motionflow, with 'Combination' mode creating additional dark frames to reduce blur for more natural motion, while 'True Cinema' mode retains additional combined dark and artificial images to each frame.



Auto Calibration

(VPL-VW5000ES and VPL-VW550ES)

After extended periods, colour can be automatically calibrated to the original factory condition. There's no need for extra calibration equipment or cameras; a built-in colour sensor stores all the necessary information.

HSV manual Colour Correction

(All models)

A correction tool allows you to adjust the hue, saturation, and brightness of each colour to get exactly the picture you want.



10 home projector range - 3D



a breathtaking 3D experience



Added impact with frame sequential display technology.

Our 3D Home Cinema projectors deliver high quality 3D pictures using specialist 3D active shutter innovation from Sony. Frame sequential display technology transmits alternate images to the left and right eye and synchronises them with the on-screen image for maximum resolution.



VPL-VW5000ES, VPL-VW550ES, VPL-VW320ES, VPL-HW65ES, VPL-HW45ES, VPL-GTZ1 and LSPX-W1S: built-in RF 3D transmitter

There's no need for an external transmitter or cables. Our latest projectors have a built-in RF 3D transmitter and synchronise automatically with RF 3D glasses. The result is greater stability and wider coverage (up to a 10m radius). Our RF 3D glasses (TDG-BT500A) are an optional accessory – adding extra pairs means everyone can enjoy the full 3D impact.



RF 3D compatibility

For improved 3D viewing, the VPL-VW1100ES is RF 3D compatible. The emitter and glasses are optional accessories, offering you greater stability and coverage. A built-in IR 3D transmitter synchronises automatically with IR 3D glasses. The IR and optional RF 3D emitter meet 'Full HD 3D Initiative' industry standards.

3D – get closer to the action



Greater coverage and stability with RF 3D transmission.



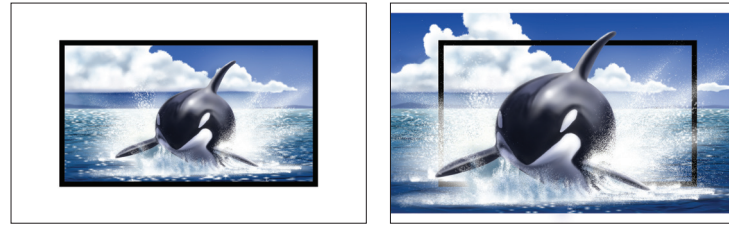
Built-in RF 3D transmitter

While the VPL-VW5000ES, VPL-VW550ES, VPL-VW320ES, VPL-HW65ES, VPL-HW45ES, VPL-GTZ1 and LSPX-W1S come with a built-in RF 3D transmitter to automatically synchronise with your RF 3D glasses, the VPL-VW1100ES is RF 3D compatible with an optional RF 3D transmitter. RF 3D glasses are an optional accessory.

Built-in IR 3D transmitter

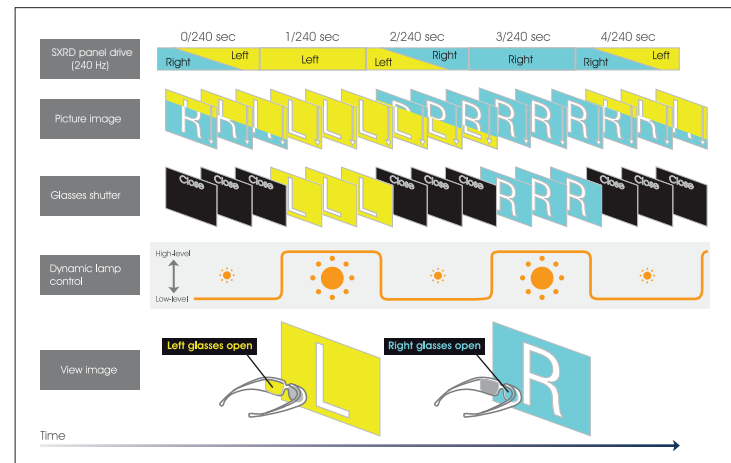
For greater convenience, the VPL-VW1100ES has an IR transmitter built in, eliminating the need for extra cabling and reducing set-up time.

	VPL-VW1100ES	VPL-VW5000ES/ VPL-VW550ES/ VPL-VW320ES/ VPL-HW65ES/ VPL-HW45ES/ VPL-GTZ1/ LSPX-W1S
Built In	IR	RF
External (optional accessory)	IR/RF	N/A



2D to 3D conversion

Sony is leading the way with an ever-growing selection of movies, sports and TV programmes in 4K and Full HD 3D detail. Our 3D projectors also convert 2D pictures into 3D, so you can enjoy a classic movie in a whole new dimension.



Separate 2D and 3D modes

As well as automatically recognising 2D and 3D content, our home cinema projectors allow you to pre-select from a range of viewing options: Standard, Dynamic, Cinema, Game and Photo.

Adjustable settings

Sony 3D projector technology gives you extra control over the 3D picture. Adjust 3D depth and brightness to suit your room conditions or get the picture just how you like it.

Incredible features for a



14 home projector range - features

Extremely low fan noise

Sony SXR Home Cinema projectors run very quietly with an advanced air discharge system. Highly efficient cooling ensures fan noise is kept to a minimum, leaving you to concentrate on your movie or game without distraction.

Suitable for home automation

Compatible with many home automation systems, including Crestron Connected, AMX and Control4 SDDP. The VPL-VW5000ES, VPL-VW550ES, VPL-VW320ES, VPL-HW65ES, VPL-GTZ1 and LSPX-W1S have an RS232 interface, RJ45 control and IR-IN terminal.



superb cinematic experience

Our projectors are packed with innovative features which are easy to use and control.

Adjustable Lens Shift

The projected image position (horizontal and vertical) can be easily adjusted with the Lens Shift function. It expands the projector's placement and installation options without distorting the image quality. The VPL-HW65ES and VPL-HW45ES can be adjusted 71% vertically and 25% horizontally; the VPL-VW5000ES, VPL-VW1100ES, VPL-VW550ES and VPL-VW320ES have a shift range of up to 85% vertically and 31% horizontally as well as a built-in motorised lens system. An automatic cover in front of the lens protects the VPL-VW1100ES from dust and opens and closes automatically when the projector is turned on or off.

Panel alignment

To ensure the best possible results, all models feature electronic panel alignment for exact positioning of the red and blue elements in each pixel. Adjustments can be made by as little as 0.1 pixels to achieve optimum clarity.



Picture Position Memory

(VPL-VW5000ES, VPL-VW1100ES and VPL-VW550ES, VPL-GTZ1, LSPX-W1S only)

This feature remembers the position of the zoom lens. You can match it to a movie's aspect ratio (including 16:9 and Cinemascope) and store the settings for a future viewing.



Wireless option (up to Full HD 60p)

Free yourself from cables and keep things tidy with an optional wireless HDMI emitter/receiver kit. Wirelessly connect to your games console, Blu-ray Disc™ player and more.

USB updates

To get the best from your projector, the VPL-VW5000ES, VPL-VW550ES, VPL-VW320ES, VPL-HW65ES, VPL-HW45ES, VPL-GTZ1 and LSPX-W1S have USB ports to automatically receive the latest firmware updates, directly to the projectors.



16:9 Without Picture Position Memory



16:9 With Picture Position Memory

VPL-VW5000ES

The world's most advanced 4K Home Cinema projector.

The new VPL-VW5000ES is the world's finest projector designed to bring real cinema home. Featuring stunning 4K resolution powered by a new laser light engine, 5,000 lumens of brightness and compatible with High Dynamic Range (HDR), it provides over 20,000 hours of virtually maintenance-free operation.

Key Features:

- 4K resolution: 4096 x 2160 over four times the resolution of Full HD
- 5,000 ANSI lumens
- Up to 20,000 hours virtually maintenance-free laser technology.*
- Instant on/off
- TRILUMINOS colour technology: wider colour range
- Motionflow: less blur in fast action scenes, up to 4K
- Picture Position Memory
- 4K/60 frames per second (new 4K standard)
- RF compatible for improved 3D viewing

*Actual hours may vary depending on usage and environment



Laser light source -
no lamp swaps



VPL-VW1100ES

Our flagship 4K Home Cinema projector, offering more than 4x the resolution of Full HD.

The ultimate 4K experience. Designed for dedicated screening rooms, our luxury, flagship 4K projector gives you more than four times the resolution of Full HD with an incredible dynamic contrast ratio of 1,000,000:1 and high brightness of 2,000 lumens.

Key Features:

- 4K: over four times the resolution of Full HD
- Advanced SXRD panels and Iris3 technology
- Remarkably high dynamic contrast ratio of 1,000,000:1
- High brightness: 2,000 ANSI lumens
- Reality Creation: 4K upscaling
- TRILUMINOS colour technology: wider colour range
- Motionflow: less blur in fast action scenes
- Picture Position Memory
- 4K/60 frames per second (new 4K standard)
- RF compatible for improved 3D viewing (RF 3D emitter and glasses are optional accessories)
- Built-in IR 3D transmitter
- Optional Wireless HDMI emitter/ receiver kit available



VPL-VW550ES

For the serious home cinema enthusiast: a 4K projector, packed with advanced features.

Imagine the fully immersive cinematic quality of 4K in your own home. Perfect for home cinema enthusiasts, the VPL-VW550ES 4K projector gives you a 4096 x 2160 resolution picture, over four times better than Full HD. Its exceptionally high dynamic contrast ratio of 350,000:1 and 1,800 ANSI lumens brightness produce stunning detail and rich, faithful colour – even in well-lit rooms.

Key Features:

- 4K: over four times the resolution of Full HD
- Advanced SXRD panels and Iris3 technology
- High dynamic contrast ratio of 350,000:1
- High brightness: 1,800 ANSI lumens
- Reality Creation: 4K upscaling
- TRILUMINOS colour technology: wider colour range
- True 4K HDR – High Dynamic Range takes you closer still to reality with higher contrast, richer colours and a wider range of brightness levels from deep, dark blacks to bright, sparkling highlights. (HDR10 and HyLG)
- New Motionflow: 'Combination' mode reduces blur, 'True Cinema' mode retains the 24p original
- Picture Position Memory
- 4K/60 frames per second (new 4K standard)
- Built-in RF transmitter for improved 3D viewing
- Auto Calibration
- Optional Wireless HDMI emitter/ receiver kit available



VPL-VW320ES

Seeing is believing: True 4K Home Cinema is closer than you think.

Bring incredible 4K detail to your favourite movies.

Imagine bringing the truly cinematic quality of 4K to your own home. Now you can make it a reality with our VPL-VW320ES Home Cinema projector. It's our most affordable 4K model yet, producing a native 4096 x 2160 resolution picture – that's over four times the quality of Full HD.

Key Features:

- 4K: over four times the resolution of Full HD
- Advanced SXRD panels
- High dynamic contrast ratio of 300,000:1
- High brightness: 1,500 lumens
- Reality Creation: 4K upscaling
- High Dynamic Range compatible
- TRILUMINOS colour technology: wider colour range
- New Motionflow: 'Combination' mode reduces blur, 'True Cinema' mode retains the 24p original
- Low latency mode
- 4K/60 frames per second (new 4K standard)
- Built-in RF transmitter for improved 3D viewing
- Compatible with many home automation systems, including Crestron Connected and Control4 SDDP. Includes an RS232 interface, RJ45 control and IR-IN terminal.
- Optional Wireless HDMI emitter/ receiver kit available



VPL-HW65ES

Full HD 3D Home Cinema Projector for an incredible cinematic experience at home, far beyond the reach of TV.

The VPL-HW65ES Full HD 3D home cinema projector uses the very latest technology and delivers a premium home experience. Packed with many innovative features that draw on Sony's latest optical engine, it uses Reality Creation to dramatically enhance high definition content, reproducing colours and textures that are lost when movies are packaged to disc. It gives you crisper, sharper Full HD pictures, much closer to the 1080p original.

Key Features:

- Advanced SXR D panels and Iris3 technology
- Dynamic contrast ratio of 120,000:1
- High brightness: 1,800 ANSI lumens
- Bright Cinema and Bright TV modes
- Reality Creation
- Long-lasting lamp: up to 6,000 hours
- Motionflow: minimises blur in fast-moving scenes
- Built-in RF 3D transmitter
- RF 3D compatible (RF 3D transmitter and glasses are optional accessories)
- Optional Wireless HDMI emitter/ receiver kit available

Reality Creation –
Super Resolution function



Built-in RF 3D

High Brightness of 1,800 lumens



SXR D



VPL-HW45ES

Come home to better looking movies – an outstanding cinematic experience.

The VPL-HW45ES is a fantastic option for movie lovers who want high-impact home cinema experience at great value. It's packed with our professional technology, including advanced SXRD panels and Reality Creation for an incredibly sharp, crystal clear picture, and with 1,800 lumens colour brightness, you'll see your favourite films at their best, in 3D or 2D.

Key Features:

- Cinema-quality advanced SXRD panels
- High brightness: 1,800 ANSI lumens
- Bright Cinema and Bright TV modes
- Contrast Enhancer function.
- Reality Creation
- Motionflow: minimises blur in fast-moving scenes
- Built-in RF 3D transmitter
- Wide lens shift for flexible installation
- Extremely low fan noise: 22db
- Optional Wireless HDMI emitter/ receiver kit available



VPL-GTZ1

4K Ultra-Short Throw Laser Light Source Projector.

We have combined the best of our projector technologies: 4K, laser light source and ultra-short-throw capabilities into our VPL-GTZ1. Designed specifically for dedicated home cinema rooms and dark rooms for the best cinema experience possible.

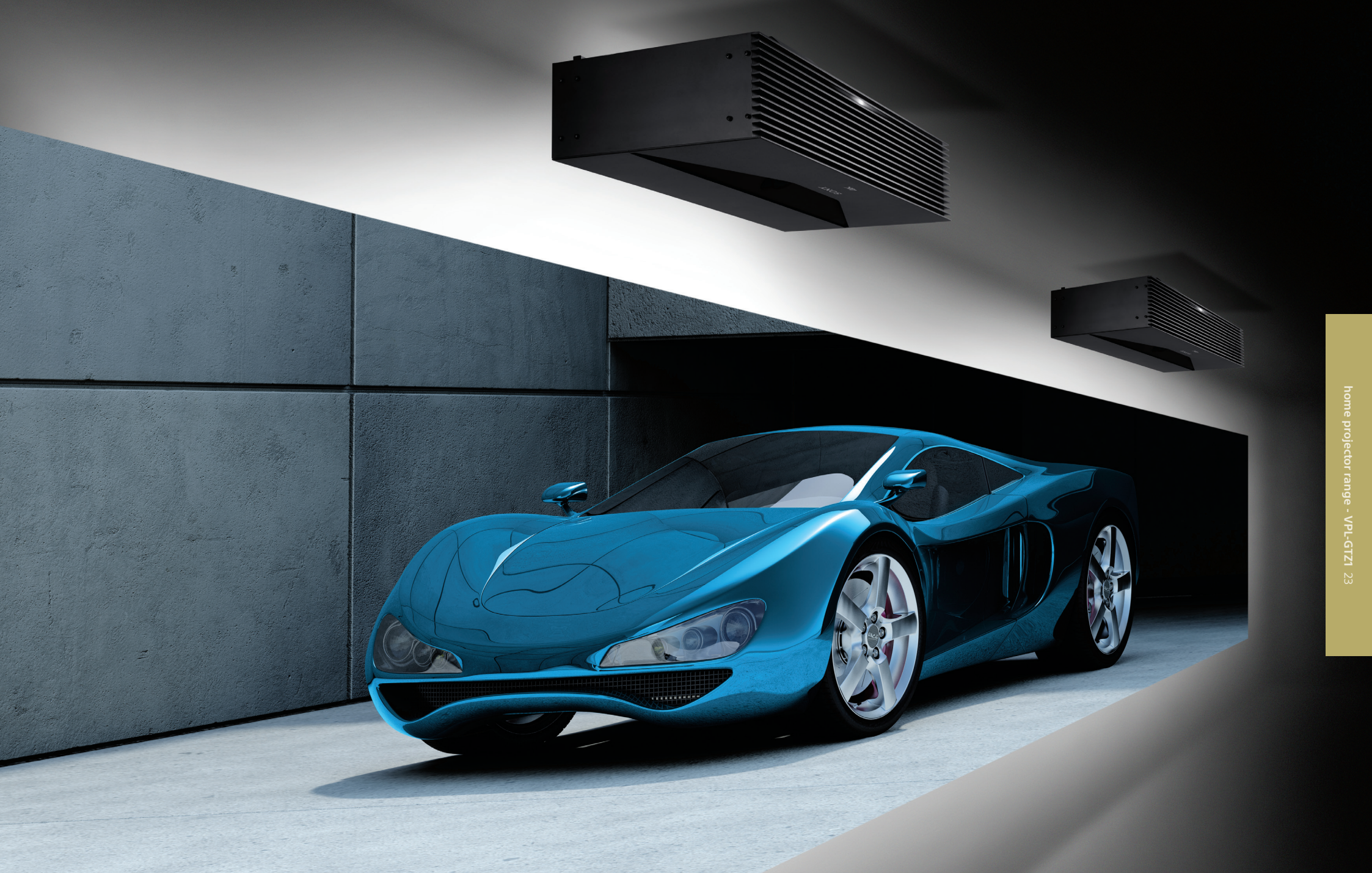
Key Features:

- High brightness: 2,000 lumens colour brightness, superb picture quality (4,096 x 2,160 pixels)
- 147 inches diagonal and zoom down to 66 inches*
- 20,000 hours of virtually maintenance-free operation without the need for a lamp exchange
- Quick on/off
- Floor standing or ceiling mount, plus front or rear projection supported for flexible installation
- "Blend-in" design fits nearly any room decor and installation environment
- Users can blend** multiple projectors

* When projecting in 17:9 format. Achieved by respective 7 inch and zero inch distance from screen.

** Blending requires 3rd party software.





home projector range - VPL-GTZ1 23

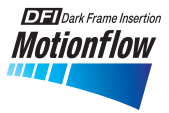
HDMI

 TRILUMINOS
DISPLAY

 24P
TRUE
CINEMA

4K

SXRD

 DFI Dark Frame Insertion
Motionflow

 3D
World
Created by Sony

LSPX-W1S

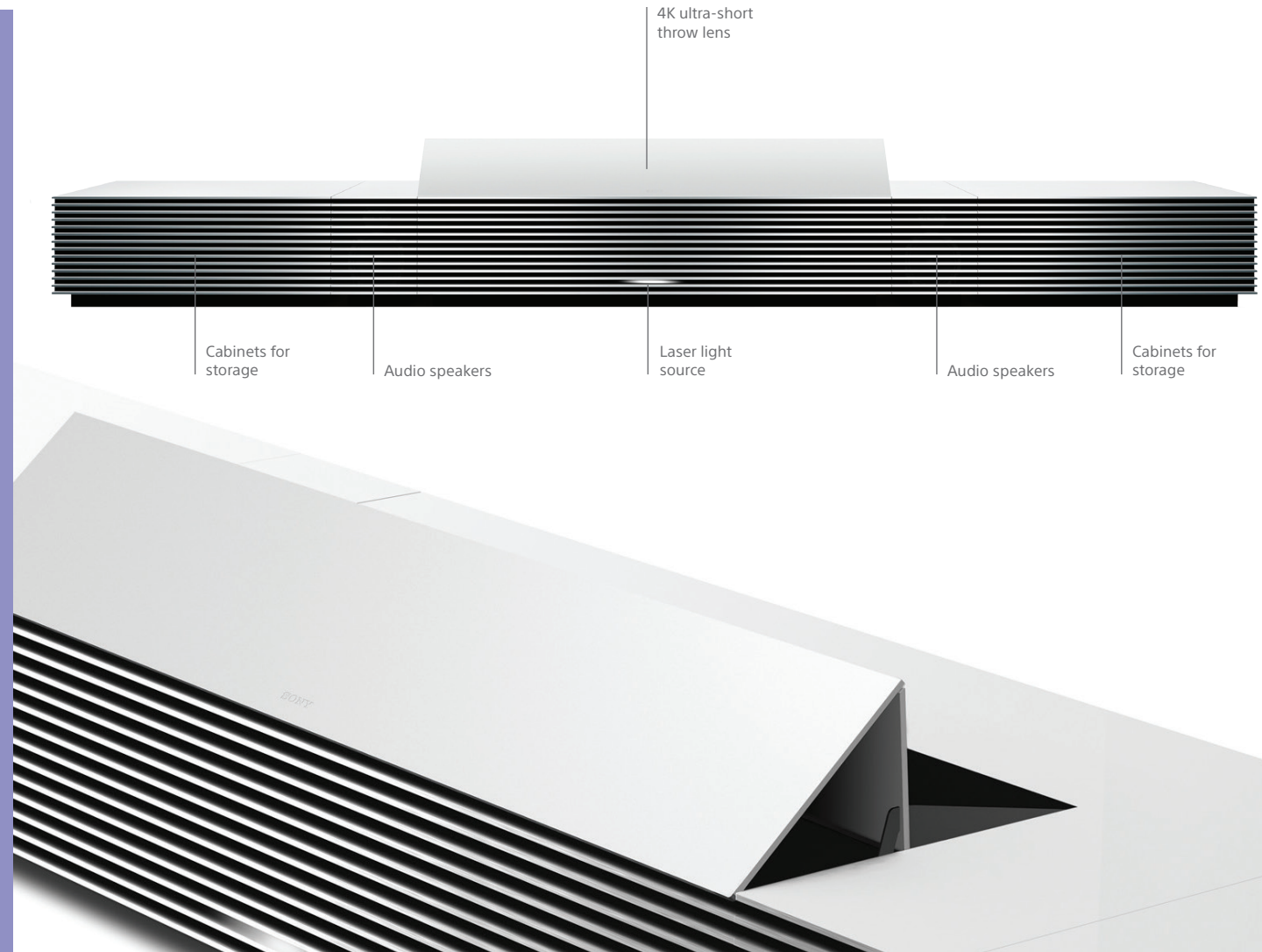
Life Space UX: LSPX-W1S 4K Ultra Short Throw Projector.

Turn your wall into a life-size window to another world. Be moved by scenery, art, movies, or sports with an expansive 147-inch image and 4x the clarity of Full HD.

Bring the world of premium entertainment right into your living space with the Sony Life Space UX 4K projector that delivers a stunningly detailed picture. Enjoy movies, concerts, art, and more. Your imagination is just the start.

Key Features:

- High brightness: 2,000 lumens
- Laser light source for 20,000 hours of virtually maintenance-free operation without the need for a lamp exchange
- 4K, ultra-short-throw
- Sleek, aluminum design
- Hand made furniture designed by Yusuke Tsujita
- 40 W + 40 W Audio





home projector range - LSPX-W1S 25

HDMI

TRILUMINOS
DISPLAY

24P
TRUE
CINEMA

4K

SXR

DFI Dark Frame Insertion
Motionflow

3D
World
Created by Sony

technical glossary

4K resolution

4K is fast becoming the standard resolution for the professional cinema market. It delivers 4096 x 2160 images, more than four times the resolution of Full HD. We used our professional cinema expertise to develop 4K SXRD panels for the VPL-VW5000ES, VPL-VW1100ES, VPL-VW550ES and VPL-VW320ES. They produce a 4K native picture with no artificial pixel enhancement.

4K



TRILUMINOS
DISPLAY

TRILUMINOS™ Display

The VPL-VW5000ES, VPL-VW1100ES, VPL-VW550ES and VPL-VW320ES use our unique TRILUMINOS™ technology to produce a much broader colour range, reproducing more tones and textures than a standard projector system. The result is greater purity, depth and realism.

Motionflow and New Motionflow

For fast-moving scenes, the VPL-VW1100ES and VPL-HW45ES use our Motionflow technology, displaying twice as many images and transitions per second as Full HD for minimal blur. The VPL-VW5000ES, VPL-VW550ES, VPL-VW320ES and VPL-HW65ES use New Motionflow, with 'Combination' mode creating additional dark frames to reduce blur for more natural motion, while 'True Cinema' mode retains additional combined dark and artificial images to each frame.

Reality Creation

Our exclusive Super Resolution upscaler, Reality Creation, dramatically enhances high definition content, allowing viewers to get the most from their existing Blu-ray Disc™ libraries. It reproduces colour and textures lost when the original content is packaged to disc.

High Dynamic Range (HDR)

View a wider range of brightness levels with HDR, the emerging video format that allows content creators to expand their range of creativity. HDR content will be available from major video service providers like Netflix and Amazon Instant Video soon. (VPL-VW5000ES and VPL-VW550ES only)

Noise Reduction

All models have the "Noise Reduction" function to reduce the roughness, or noise of the picture.

Menu Position Change

It is possible to change the menu position display for easier picture adjustment.

Crisp Focus Lens (ARC-F)

A specially developed crisp focus lens takes full advantage of 4K or Full HD resolution to deliver superior resolution and focus.

Anamorphic Zoom Mode

The anamorphic zoom mode allows the projectors to compress the image vertically so that the attached anamorphic lens can widen it horizontally – allowing you to view films in the impressive 2,35:1 aspect ratio seen in actual cinemas.

Home Cinema projector specifications



	VPL-HW45ES/B - VPL-HW45ES/W	VPL-HW65ES/B - VPL-HW65ES/W	VPL-VW320ES/B - VPL-VW320ES/W	VPL-VW550ES/B - VPL-VW550ES/W	VPL-VW1100ES	VPL-VW5000ES	VPL-GTZ1	LSPX-W1S	
Display system	High Frame Rate SXRD panel	High Frame Rate SXRD panel	High Frame Rate SXRD panel	High Frame Rate SXRD panel	High Frame Rate SXRD panel	High Frame Rate SXRD panel	High Frame Rate SXRD panel	High Frame Rate SXRD panel	
Light Output	1,800 lm	1,800 lm	1,500 lm	1,800 lm	2,000 lm	5,000 lm	2,000 lm	2,000 lm	
Contrast ratio	-	120,000:1 (Dynamic Contrast)	-	350,000:1 (Dynamic Contrast)	1,000,000:1 (Dynamic Contrast)	∞:1 (Dynamic Contrast)	∞:1 (Dynamic Contrast)	∞:1 (Dynamic Contrast)	
Display elements	Effective display size	0.61" x 3	0.61" x 3	0.74" x 3	0.74" x 3	0.74" x 3	0.74" x 3	0.74" x 3	
	Effective pixels	Full HD (1920 x 1080) x3 / 6,220,800 pixels	Full HD (1920 x 1080) x3 / 6,220,800 pixels	4K (4096 x 2160) x3 / 26,542,080 pixels	4K (4096 x 2160) x3 / 26,542,080 pixels	4K (4096 x 2160) x3 / 26,542,080 pixels	4K (4096 x 2160) x3 / 26,542,080 pixels	4K (4096 x 2160) x3 / 26,542,080 pixels	
Projection lens	Zoom / Focus	Manual (Approx. 1.6 x) / Manual	Manual (Approx. 1.6 x) / Manual	Electric (Approx. 2.06 x) / Electric	Electric (Approx. 2.1 x) / Electric	Electric (Approx. 2.06 x) / Electric	Electric (Approx. 2.1 x) / Electric	Electric (Approx. 1.6 x) / Electric	Electric (Approx. 2.06 x) / Electric
	Lens shift	Manual, V: +/-71% / H: +/-25%	Manual, V: +/-71% / H: +/-25%	Electric, V +85% / -80% H: +/-31%	Electric, V +85% / -80% H: +/-31%	Electric, V: +/-80% / H: +/-31%	Electric, V +/-80% H: +/-31%	Electric, V +85% / -80% H: +/-31%	Electric, V: +/-80% / H: +/-31%
Light source	Ultra High-pressure lamp 200W type	Ultra High-pressure lamp 200W type	Ultra High-pressure lamp 225W type	Ultra High-pressure lamp 280W type	Ultra High-pressure lamp 330W type	Laser diode type	Laser diode type	Laser diode type	
Projection ratio	1.36 - 2.16 : 1	1.36 - 2.16 : 1	1.38 - 2.83 : 1	1.38 - 2.83 : 1	1.35 - 2.73 : 1	1.27 - 2.73 : 1 Optional: VPLL-Z7008 : 0.8 - 1.02 : 1	0.16 - 0.25 : 1	0.16 - 0.25 : 1	
Reality Creation	YES (FullHD Reality Creation)	YES (FullHD Reality Creation)	YES (4K Reality Creation)	YES (4K Reality Creation)	YES (4K Reality Creation)	YES (4K Reality Creation)	YES (4K Reality Creation)	YES (4K Reality Creation)	
Compatible with HDR10	NO	NO	YES	YES	NO	YES	NO	NO	
4K 60P	NO	NO	YES	YES	YES	YES	YES	YES	
3D capability	YES	YES	YES	YES	YES	YES	YES	YES	
3D emitter	Built-in RF transmitter	Built-in RF emitter	Built-in RF emitter	Built-in RF emitter	Built-in IR emitter (Compatible with RF external emitter)	Built-in RF emitter	Built-in RF emitter	Built-in RF emitter	
3D glasses	TDG-BT500A (Optional)	TDG-BT500A (Optional)	TDG-BT500A (Optional)	TDG-BT500A (Optional)	TDG-PJ1 (IR type: Bundled) / TDG-BT500A (RF type: Optional)	TDG-BT500A (Optional)	TDG-BT500A (Optional)	TDG-BT500A (Optional)	
Auto Calibration	NO	NO	NO	YES	NO	YES	NO	NO	
Manual Calibration	HSV Colour Correction	HSV Colour Correction	HSV Colour Correction	HSV Colour Correction	NO	HSV Colour Correction	HSV Colour Correction	HSV Colour Correction	
Picture Position Memory	NO	NO	NO	YES	YES	YES	NO	NO	
Wireless HDMI compatibility	IFU-WH1 (Optional)	IFU-WH1 (Optional)	IFU-WH1 (Optional)	IFU-WH1 (Optional)	IFU-WH1 (Optional)	IFU-WH1 (Optional)	IFU-WH1 (Optional)	IFU-WH1 (Optional)	
Advanced Iris	Ver 3	Ver 3	-	Ver 3	Ver 3	-	-	-	
Picture modes	9 modes	9 modes	9 modes	9 modes	9 modes	9 modes	9 modes	9 modes	
Gamma modes	10 modes	10 modes	11 modes	11 modes	11 modes	11 modes	11 modes	11 modes	
Panel alignment	Yes (Shift / Zone)	Yes (Shift / Zone)	Yes (Shift / Zone)	Yes (Shift / Zone)	Yes (Shift / Zone)	Yes (Shift / Zone)	Yes (Shift / Zone)	Yes (Shift / Zone)	
Audio speakers	-	-	-	-	-	-	-	40 W + 40 W	
Acoustic noise	22dB	21dB	26dB	26dB	22dB	35dB	26dB	26dB	
Power requirement	AC 100 V to 240 V, 3.1A to 1.3A, 50/60 Hz	AC 100 V to 240 V, 3.1 A to 1.3 A,50/60 Hz	AC 100 V to 240 V, 3.5 A to 1.5 A,50/60 Hz	AC 100 V to 240 V, 4.1A to 1.7A,50/60 Hz	AC 100 V to 240 V, 3.0 A to 1.3 A,50/60 Hz	AC 100 V to 240 V, 3.5A to 1.5A, 50/60 Hz	AC 100 V to 240 V, 5.9 A to 2.5 A,,50/60 Hz	AC 100 V to 240 V, 5.9 A to 2.5 A,,50/60 Hz	
Power consumption	310 W	300 W	330 W	390 W	480 W	1,200W max	520 W	520 W	
Body colour	Black / White	Black / White	Black / Premium white	Black / Premium white	Black	Black	Black	Steel	
Standard outside dimensions	W 407 x H 179 x D 464 mm	W 407.4 x H 179.2 x D 463.9 mm	W 496 mm H 202mm D 464mm	W 496 mm H 202mm D 464mm	W 520 x H 200 x D 640 mm	W 550 x H 228 x D 880 mm	W 1,250 x H 265 x D 535 mm	W 1100 x H 265 x D 535 mm	
Weight	Approx. 9 kg	Approx. 9 kg	Approx. 14 kg	Approx. 14 kg	Approx. 20 kg	Approx. 43 kg	55 kg	51.5 kg	

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