

SONY

4K Home Theater Projector

VPL-VW600ES

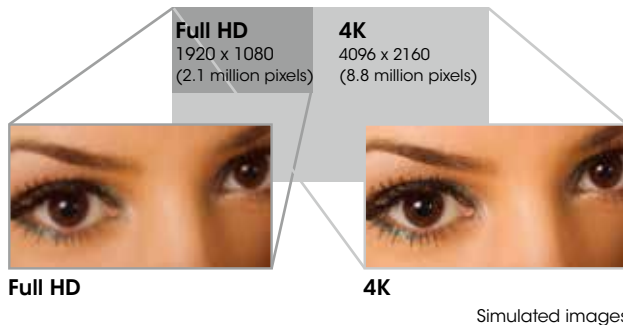


A Breathtaking 4K Home Cinema Experience

Imagine the fully immersive cinematic quality of 4K in your own home. Our VPL-VW600ES home theater projector gives you a 4096 x 2160 resolution picture, over four times better than Full HD. It's just like being at the movies. The exceptionally high dynamic contrast ratio of 200,000:1 with 1,700 ANSI lumens brightness produces stunning detail and rich, faithful color – even in well-lit rooms.

4K Native Resolution: Over 4x Better Than Full HD

No compromises: the VPL-VW600ES provides 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.



TRILUMINOS Display

The VPL-VW600ES's optical engine and SXRD panels incorporate our TRILUMINOS Display technology to produce a much broader color range, reproducing more tones and textures than a standard projector system. The result is greater purity, depth and realism.



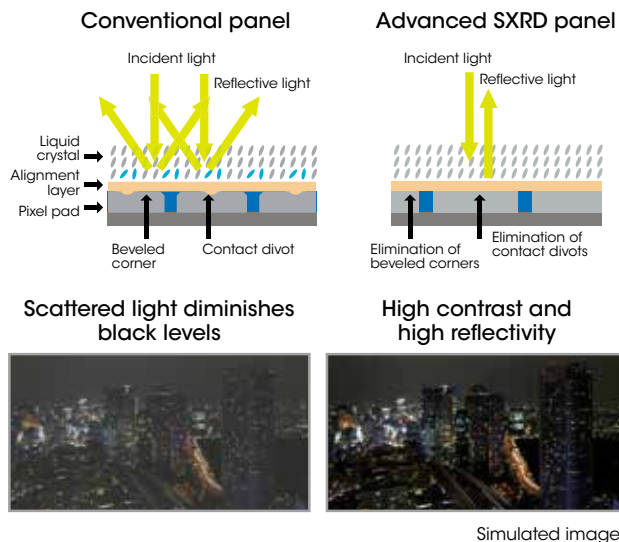
Simulated images

Ultra High Contrast Ratio and Brightness

Drawing on optical technology developed for the VPL-VW1100ES, we've achieved both high brightness (1,700 ANSI lumens) and high contrast (200,000:1 dynamic contrast ratio) in the VPL-VW600ES. So, you'll see crystal-clear, bright, detail-packed images – even in well-lit rooms.

Advanced SXRD Panels

4K digital drive panels minimize the space between pixels in every frame with an incredible response rate of 2.5-milliseconds. That's much faster, and more stable, than an LCD TV and produces ultra-smooth, dot-free pictures with natural, fluid movement – whatever the action.



New Motionflow

We've simplified our Motionflow category. 'Combination' mode uses our 'Film Projection' and 'Motion Enhancer', adding frames to reduce blur and maintain brightness in thrilling, fast-moving scenes. Cinema purists can choose 'True Cinema' to retain the original 24 frames per second.



Without Motionflow

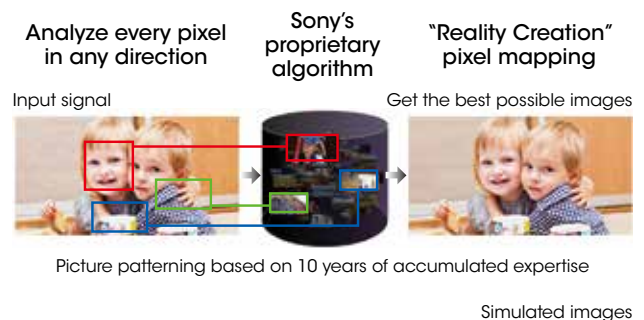


With Motionflow

Simulated images

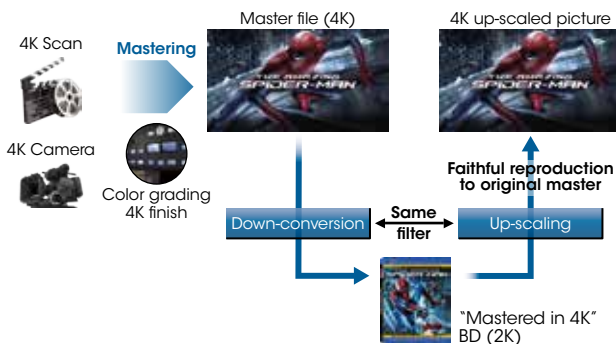
Reality Creation: Upscales Your Movies to 4K

As well as native 4K material, you can see your current Full HD Blu-ray™ or DVD movie collection upscaled for a 4K experience. Reality Creation is a Super Resolution technology that radically enhances Full HD content, even upscaling 3D movies for 4K.



Compatible with 'Mastered in 4K' Blu-ray Discs

Drawing on the same technology used to downscale 4K material for Full HD, the VPL-VW600ES gives you a near native 4K experience with discs 'Mastered in 4K'. It's as close as you can get to the 4K-pixel resolution and expanded color range of the original.



The Amazing Spider-Man™ now available on Blu-ray Disc™
 The Amazing Spider-Man © 2012 Columbia Pictures Industries, Inc. All Rights Reserved. | Marvel, and the names and distinctive likenesses of Spider-Man and all other Marvel characters:™ and © 2013 Marvel Entertainment, LLC & its subsidiaries. All Rights Reserved.

Simulated images

Compact Design

A smaller optical engine means the VPL-VW600ES is approximately 18 cm shorter in length than our leading projector, the VPL-VW1100ES, so there's greater flexibility for installation.

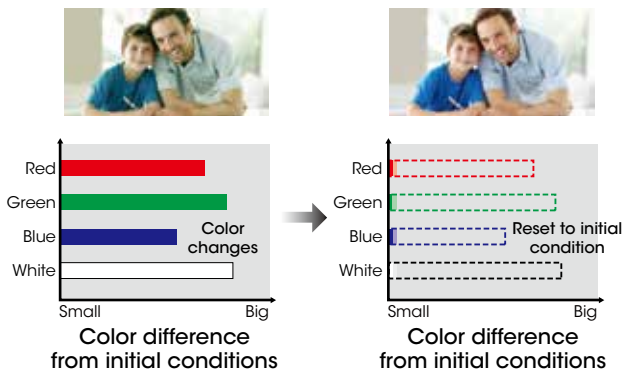
Front-facing Fan

Because the fan is positioned at the front, you don't need as much room in the back for air intake/exhaust when you install. This helps maximize the throw distance for bigger projected images.



Auto Calibration

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

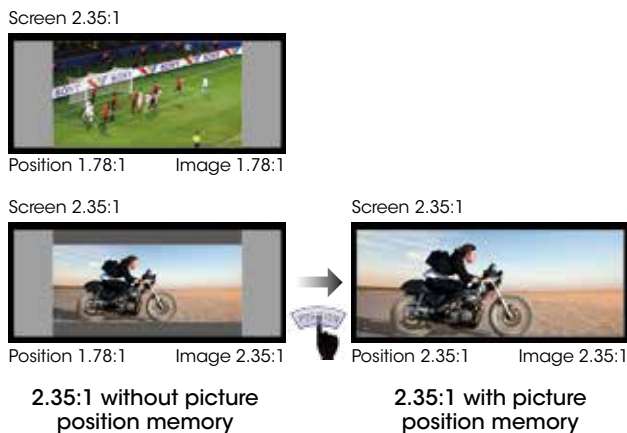


Wider Zoom and Shift Lens

A 2.06x motorized zoom lens and wide lens shift range of up to 85% vertical and 31% horizontal gives greater installation flexibility – even when the ceiling is very high.

Picture Position Memory Matches Movie Aspect Ratio

The VPL-VW600ES has a picture position memory, which memorizes the position of the lens (focus, zoom, shift). Users can match a movie's aspect ratio, including 1.78:1 and 2.35:1, and store these settings in the projector for easy recall.



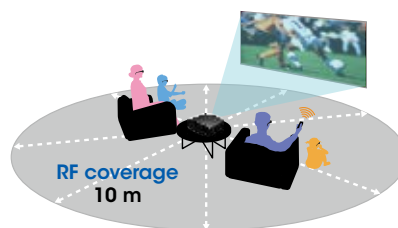
Simulated images

Manual HSV Color Correction

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

Industry Standard RF 3D Compatible

A built-in RF transmitter synchronizes with any RF 3D glasses for wider coverage, greater stability, and there's no need for an external transmitter.



The Latest 4K/60p HDMI Standard: 60 Frames Per Second

The VPL-VW600ES can show up to 60 frames per second in 4K (at color signal YUV 4:2:0 / 8 bit). It's the new 4K industry standard and is much higher than the earlier 24p. The result is a smoother image with superior color and realism.

Electronic Panel Alignment

Ensures the red and blue elements in each pixel are precisely positioned against green. Adjustments can be made by as little as 0.1 pixels for optimum clarity.

USB Updates

To get the best from your projector, the VPL-VW600ES has a USB port for the latest firmware updates.

Specifications

Display System	SXRD panel, projection system	
Display device	Size of effective display area	0.74" x 3
	Number of pixels	26,542,080 (4096 x 2160 x 3) pixels
Projection lens	Focus	Powered
	Zoom	Powered (Approx. x2.06)
	Lens shift	Powered Vertical: +85% -80% Horizontal: +/-31%
	Throw Ratio	1.38:1 to 2.83:1
Light source	High-pressure mercury lamp, 265 W type	
Filter replacement cycle (Max.)	Same time as the lamp replacement is recommended	
Screen size	60" to 300" (1,524 mm to 7,620 mm)	
Light output	1700 lm (Lamp mode: High)*2	
Color light output	1700 lm (Lamp mode: High)*2	
Contrast ratio	200,000:1 (Dynamic Contrast)	
Displayable scanning frequency	Horizontal	19 kHz to 72 kHz
	Vertical	48 Hz to 92 Hz
Display resolution	Computer signal input	Maximum display resolution: 1920 x 1080 dots (HDMI Input only)
	Video signal input	480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p, 1080/24p, 3840 x 2160/24p, 3840 x 2160/25p, 3840 x 2160/30p, 3840 x 2160/50p, 3840 x 2160/60p, 4096 x 2160/24p, 4096 x 2160/25p, 4096 x 2160/30p, 4096 x 2160/50p, 4096 x 2160/60p
OSD language	15-languages (English, Dutch, French, Italian, German, Spanish, Portuguese, Russian, Swedish, Norwegian, Japanese, Simplified Chinese, Traditional Chinese, Korean, Thai)	
INPUT OUTPUT (Computer / Video / Control)	HDMI1 / HDMI2	Digital (RGB/Y Pb/Cb Pr/Cr)
	Trigger1 / Trigger2	Minijack, DC 12 V Max. 100 mA
	Remote	RS-232C, D-sub 9-pin (female)
	LAN	RJ45, 10Base-T/100BASE-TX
	IR IN	Mini Jack
Operating temperature / Operating humidity	5°C to 35°C (41°F to 95°F) / 35% to 85% (no condensation)	
Storage temperature / Storage humidity	-20°C to +60°C (-4°F to +140°F) / 10% to 90% (no condensation)	
Power requirements	AC 100 V to 240 V, 4.0 A to 2.0 A, 50/60Hz	
Power consumption	AC 100 V to 120 V	Max. 375 W
	AC 220 V to 240 V	Max. 375 W
Standby mode power consumption	AC 100 V to 120 V	0.5 W (when "Remote Start" is set to "Off")
	AC 220 V to 240 V	7 W (when "Remote Start" is set to "On")
Dimensions (W x H x D) (without protrusions)	495.6 x 195.3 x 463.6 mm 19 1/2 x 7 11/16 x 18 1/4 inches	
Mass	Approx. 14 kg / 31 lb	
Supplied accessories	RM-PJ24 Remote Commander (1), Size AA (R6) Manganese Batteries (2), Lens Cap (1), AC Power Cord (1), Operating Instructions (CD-ROM) (1), Quick Reference Manual (1)	

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

Optional Accessories

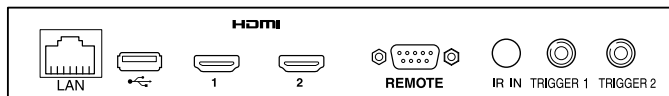


LMP-H260
Projector Lamp (for replacement)



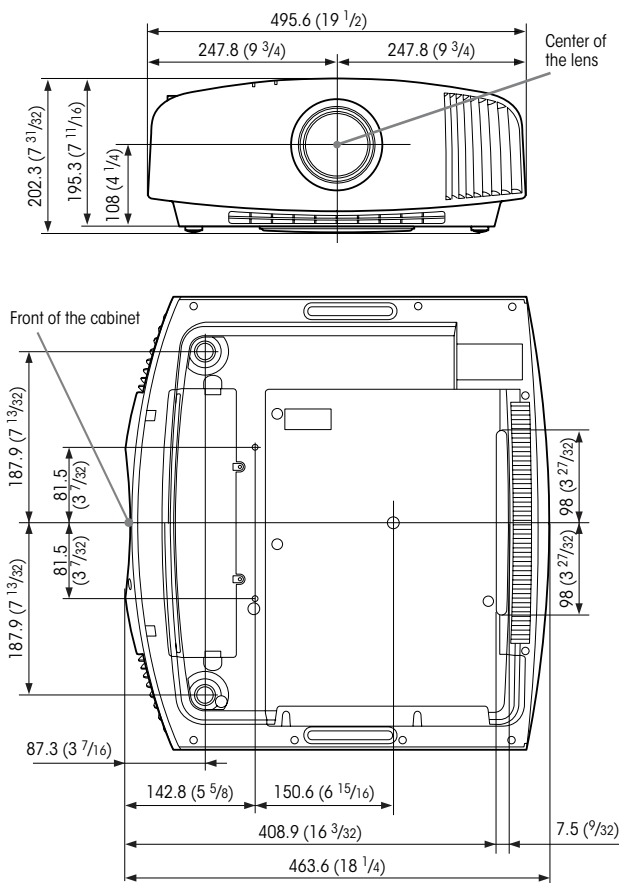
TDG-BT500A
3D Glasses

Control Panel



Dimensions

Units: mm (inches)



Available at

projectisle
.com.au

Where Projectors Roam Free

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The values for mass and dimension are approximate. "SONY", "SXRD", "Motionflow", "TRILUMINOUS", "24p True Cinema" and "3D World" are trademarks of Sony Corporation.

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