

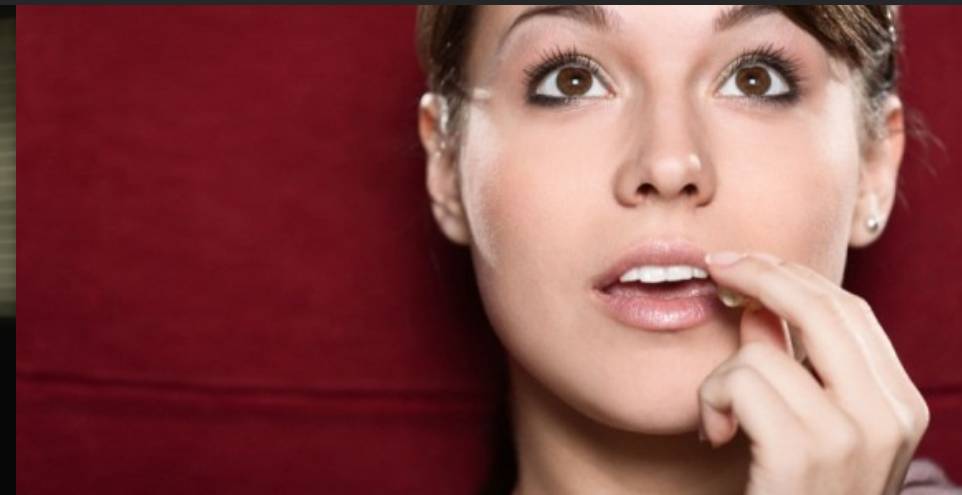
4K



SONY

VPL-HW45ES

Product Introduction



Sony Corporation

Get closer to a true cinema experience

Superior Home Cinema quality in Full-HD 3D



VPL-HW45ES

SXRD

Full HD
1080



Dark Frame Insertion
Motionflow

Key benefits

Superior Full HD Picture Quality

- **SXRD panel and Reality Creation 2nd generation for crisp picture**
- High brightness and high contrast for vibrant images

Installation friendly

- Compact size for flexible installation
- Front exhaust to cover wide range of installation opportunity

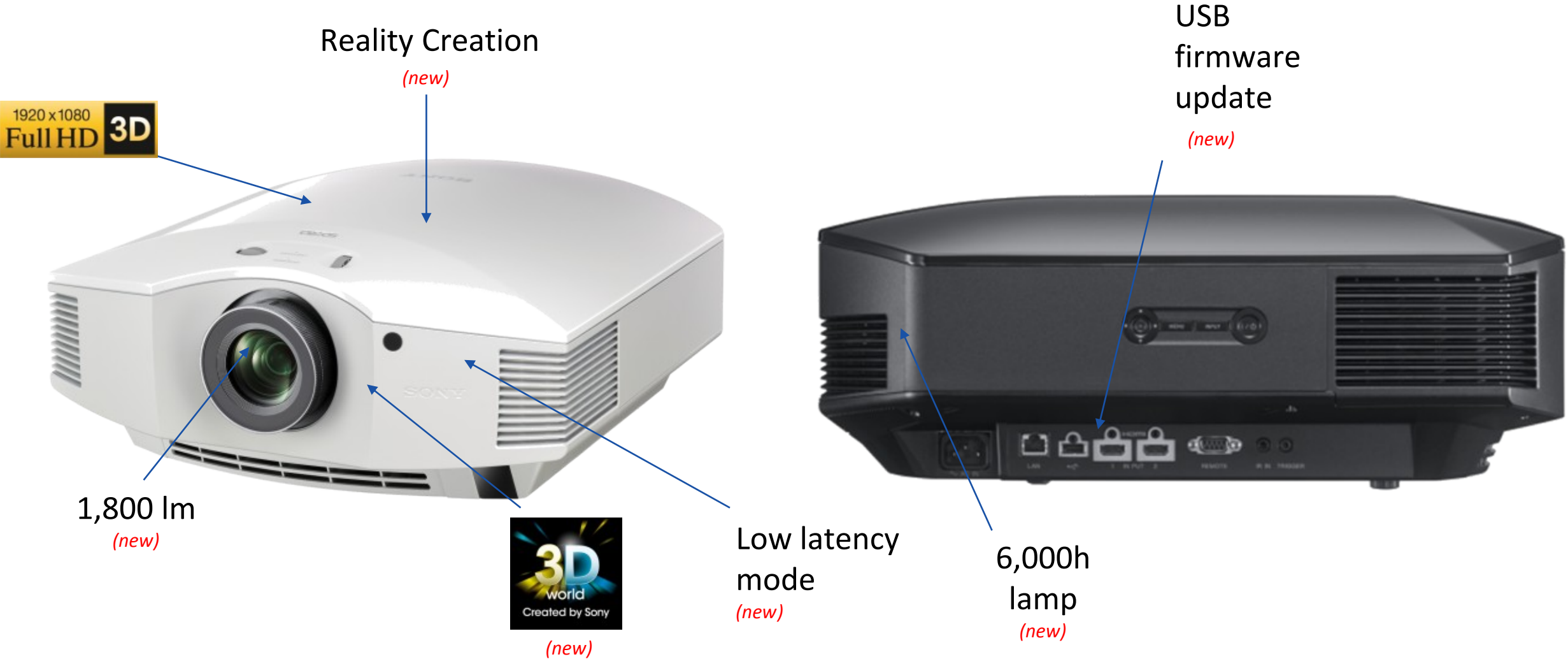
User friendly

- **6,000 h Long lasting lamp**
- **Built in RF 3D transmitter**
- **USB updates function to keep projectors' firmware up to dates**



VPL-HW45ES main specifications

Superior Home Cinema quality in Full-HD 3D



VPL-HW45 specifications

	VPL-HW40ES	VPL-HW45ES	VPL-HW65ES
Resolution	Full HD		
Brightness	1,700lm	1,800 lm	←
Dynamic Contrast	NA	←	120,000:1 (w/Iris)
Reality Creation	Yes	Yes (New Generation)	←
Recommended lamp cycle	4,000 h	6,000 h	←
Lens shift	V +71% / H +25%	←	←
USB	No	Yes	←
3D	IR (Built-in)	RF (Built-in)	←
Body color	Black & White		
Other features	Keystone	Input lag reduction with Gaming mode USB updates	Input lag reduction USB updates IP control PJ calibration app

2016 Line-up

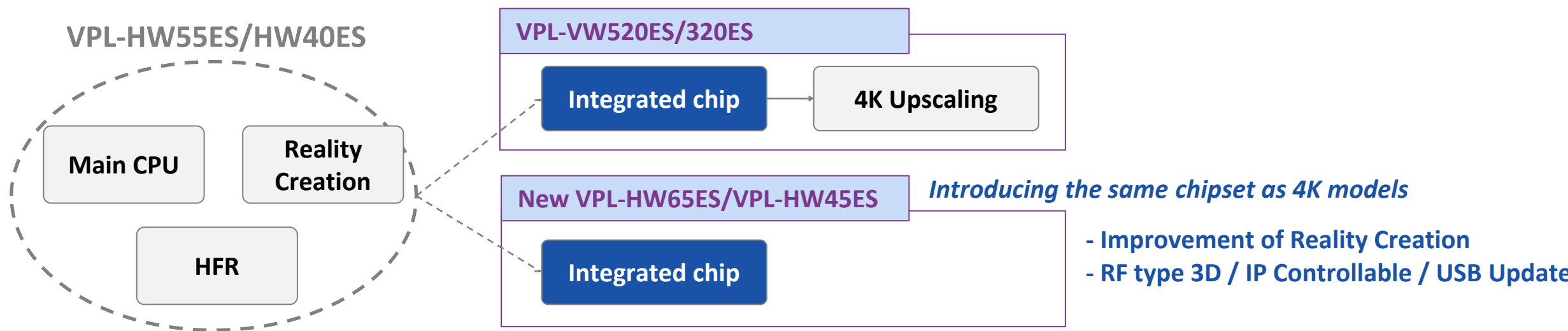
VPL-VW5000ES		65,000 €	4K	Z-Phosphor LASER LIGHT SOURCE	5,000 lm
LSPX-W1S		50,000 €	4K	Z-Phosphor LASER LIGHT SOURCE	2,000 lm
VPL-GTZ1		45,000 €	4K	Z-Phosphor LASER LIGHT SOURCE	2,000 lm
VPL-VW1100ES		21,999 €	4K	TRILUMINOS DISPLAY	2,000 lm
VPL-VW520ES		9,999 €	4K	TRILUMINOS DISPLAY	1,800 lm
VPL-VW320ES		6,999 €	4K	TRILUMINOS DISPLAY	1,500 lm
VPL-HW65ES		2,999 €	Full HD 1080		1,800 lm
VPL-HW45ES		2,199 €	Full HD 1080		1,800 lm



May

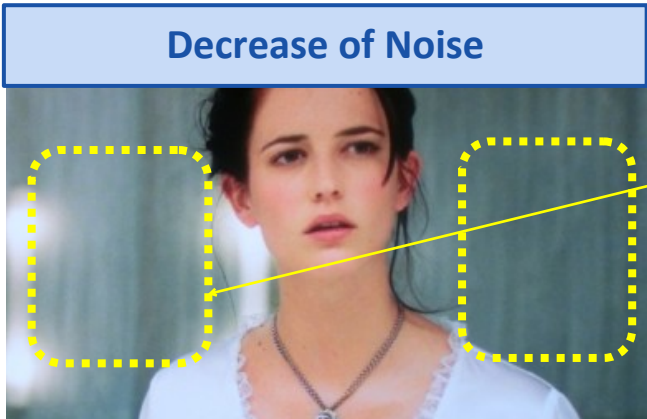
Advanced Reality Creation *New*

Meet the 2nd generation of our unique upscaler



Clearer picture with better focus than HW55ES

Tourist Chapter 12



Background picture noise is much less than HW55ES

007 Casino Royale Chapter 9

High brightness

Perfectly suitable for Home Theater use, thanks to cinema and bright modes



Standard Home Projector

Not enough bright

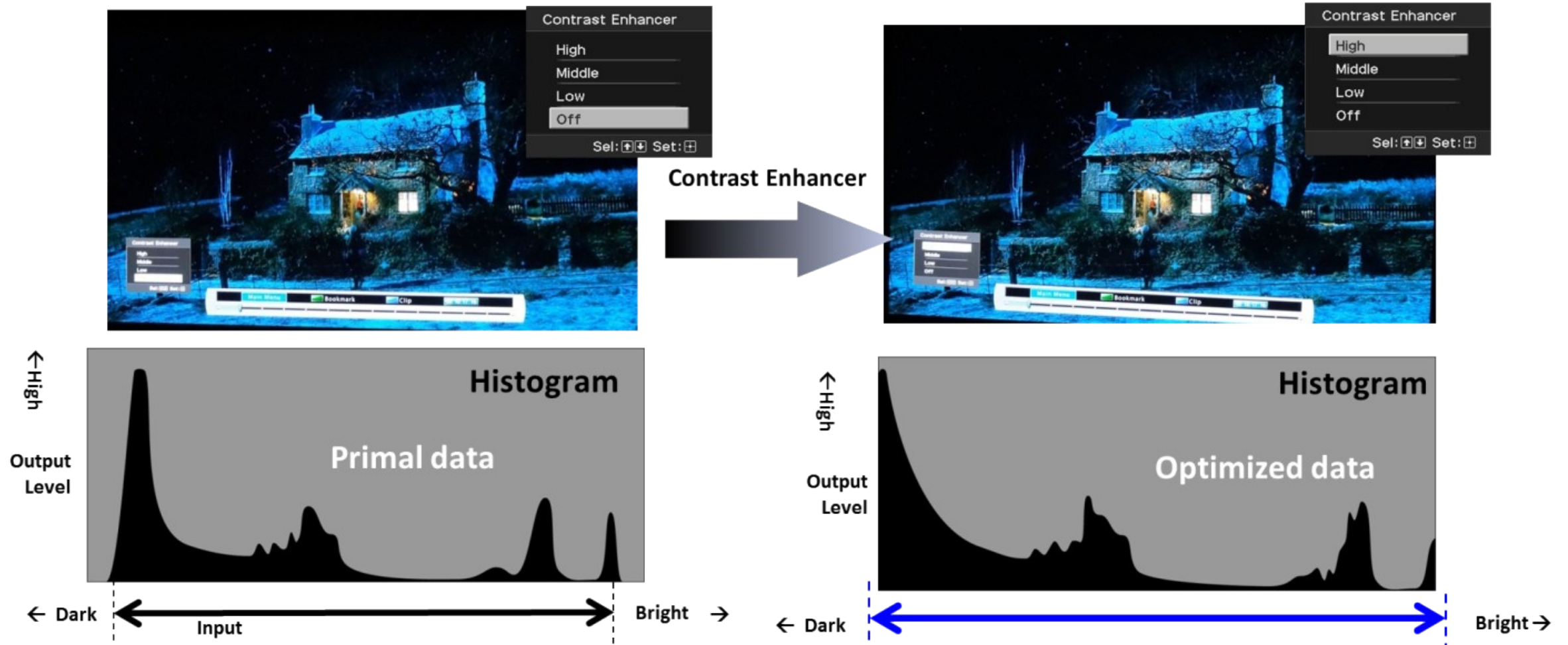


Sony Projector

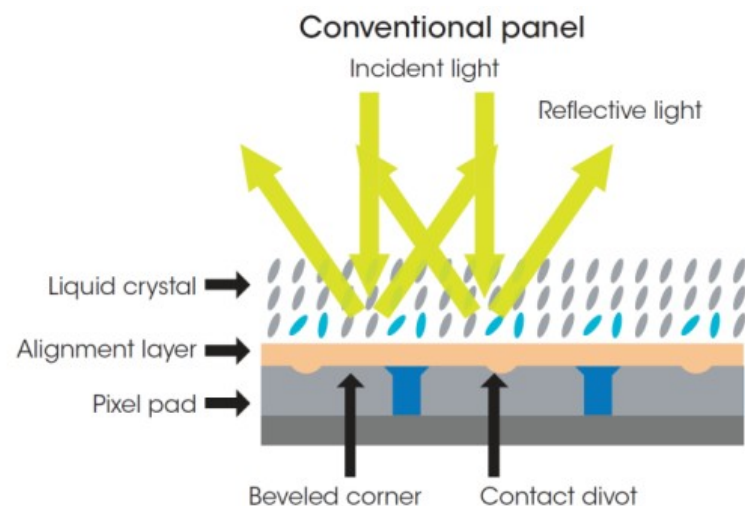
High grade Image by optimized brightness and fine color reproduction thanks to optical block and signal processing improvement

Contrast Enhancer

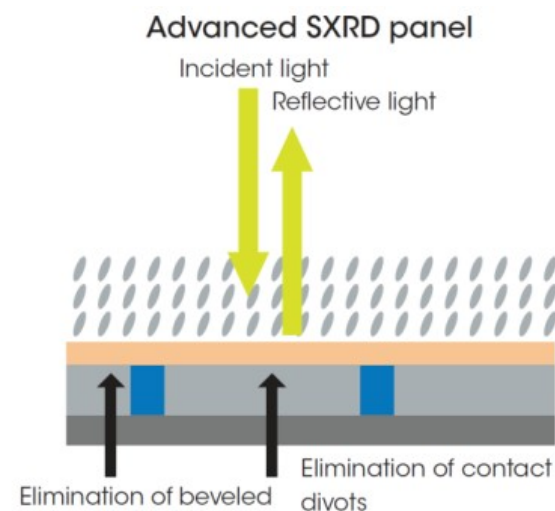
Analyzing scenes to compensate to maximize brightness and contrast



Improved SXRD panels



Scattered light diminishes black levels



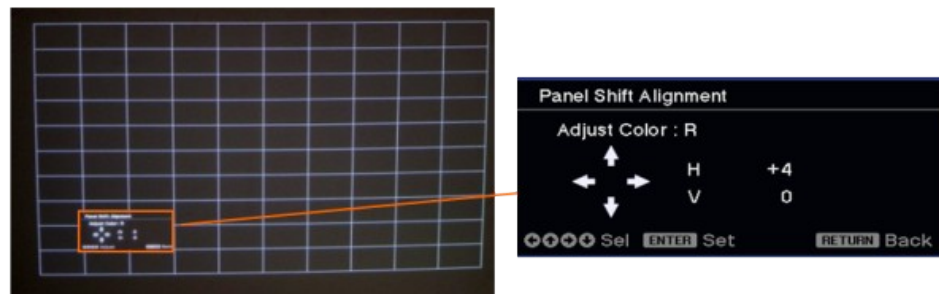
High contrast and high reflectivity



Simulated images

Panel Alignment Function

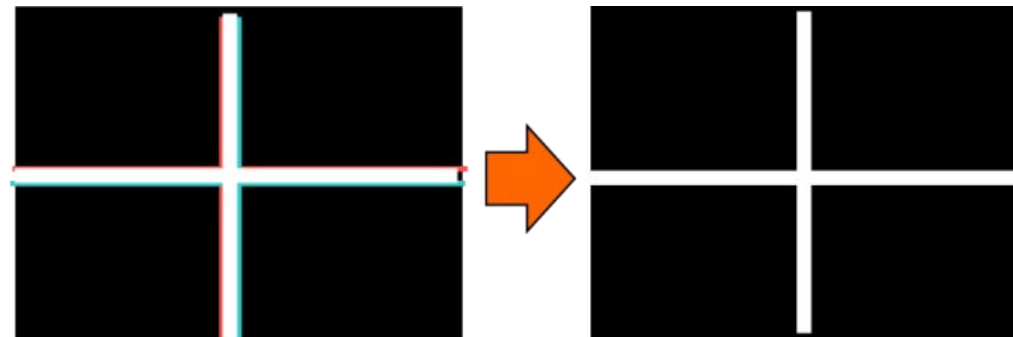
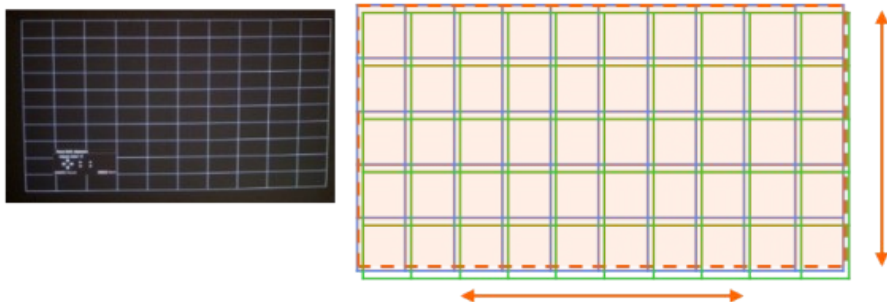
Adjust the gaps in the color of characters and the picture



Adjustable range

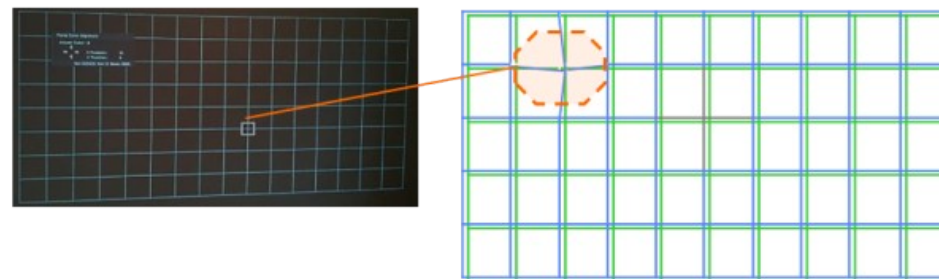
Shift

- ✓ Shifts the whole picture
- ✓ Adjustment range : $\pm 3.0\text{dot}^*$ by 0.1
- *VW95 is up to 2.0dot



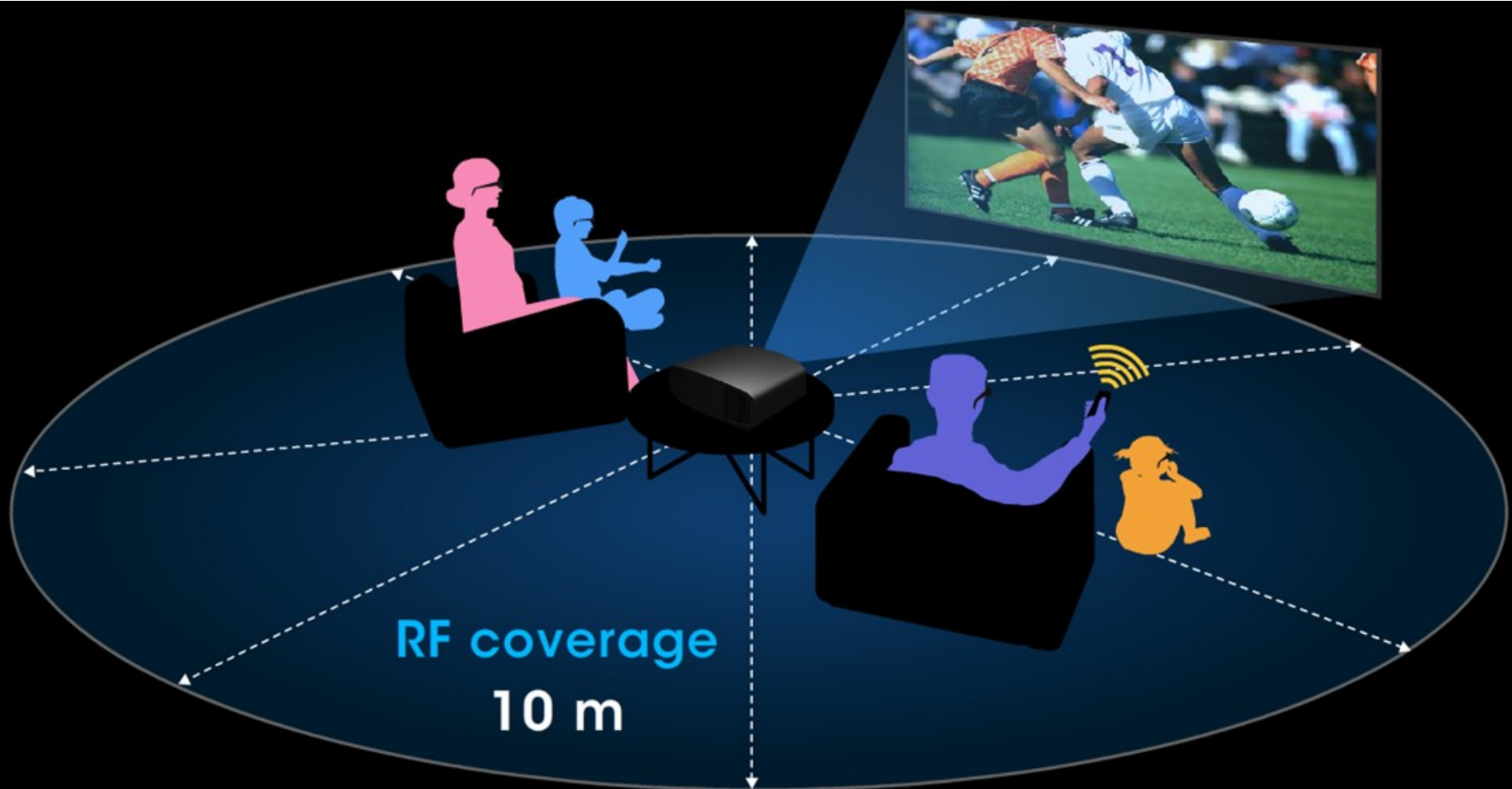
Zone

- ✓ Selects the desired range
(H:17 x V:9 = 153 cross points)
- ✓ Adjustment range : $\pm 3.0\text{dot}$ by 0.1



Built-in RF 3D Transmitter

Greater stability and wider coverage without any external transmitter



New Motionflow

VW1100ES/HW55ES/HW40ES			VPL-VW520ES/VW320ES/HW65ES/HW45ES		
Motionflow	Film Projection	On	Motionflow	Impulse	Reproduces original picture quality. Provides cinema-like picture, which may flicker.
		Off		Combination	<i>(Combination of Smooth and Impulse)</i> Reduces motion blur while maintaining brightness for high-speed picture content.
	Motion Enhancer	High		Smooth High	Provides smoother picture movement; especially effective for film-based content.
		Low		Smooth Low	Provides smoother picture movement for standard use.
		Off		True Cinema	Images, such as a movie created in 24 frames per second, are reproduced at the original frame rate.
	Expert Setting	Film Mode		Off	

*when Motion Enhancer is OFF

Input lag reduction: decrease of video delay

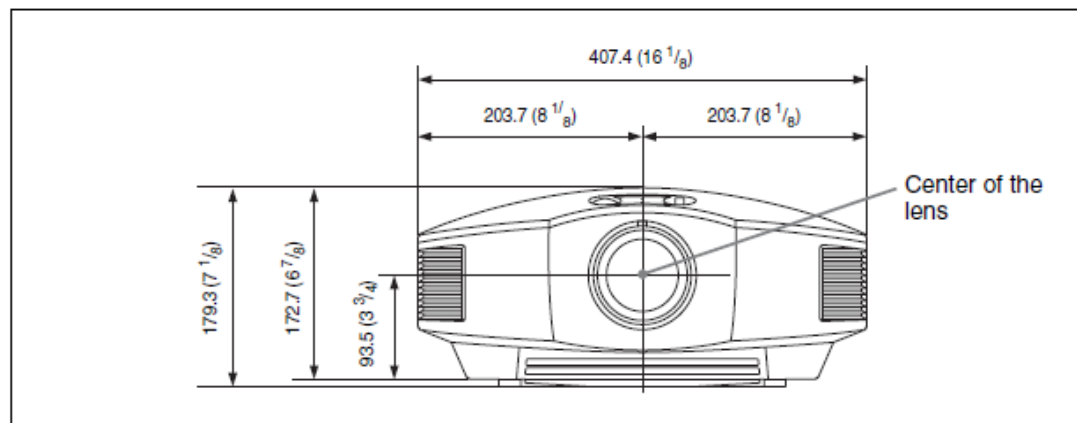
The best mode for gamers

Input Signal	Model			
	VPL-VW520ES VPL-VW320ES		VPL-HW65ES	
1080/60p	Δ5 frames	Δ85 msec	Δ5 frames	Δ85 msec
1080/24p	Δ2.5 frames	Δ100 msec	Δ2.5 frames	Δ100 msec
1080/24p Frame Packing	Δ2.8 frames	Δ110 msec	Δ2.8 frames	Δ110 msec

Dimensions

Front

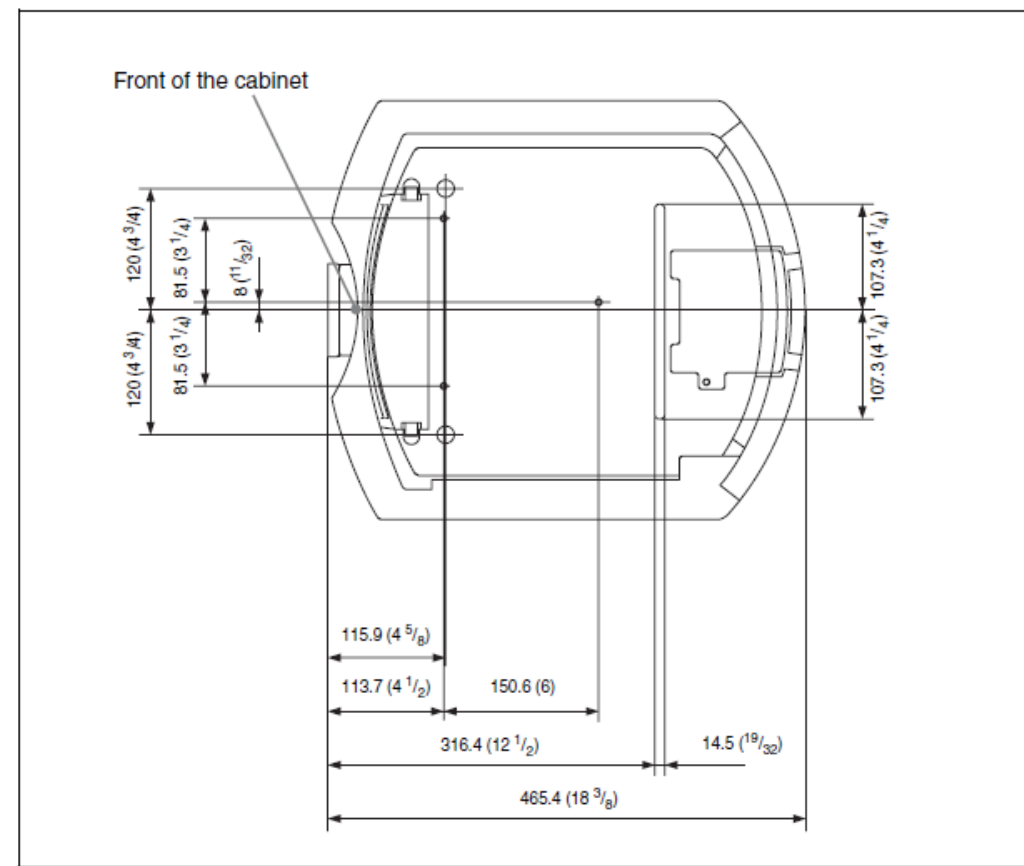
Unit: mm (inches)



W407.4 x D465.4 x H172.7mm (w/o protrusion)
W407.4 x D465.4 x H179.3mm (w/ protrusion)

Bottom

Unit: mm (inches)



Optional accessories

Projector Lamp
LMP-H210
(for replacement)



RF 3D Glasses
TDG-BT500A



**Projector Suspension
Support** PSS-H10



Wireless HDMI Units
IFU-WH1



Material available

VPL-HW45ES & VPL-HW65ES

Superior Home Cinema quality in Full-HD 3D

Full HD 3D Home Cinema projector with Reality Creation, SXRD panels and high brightness – even in a well-lit living room

AT A GLANCE

- Dynamic contrast ratio: 120,000:1*
- 1,800 ANSI lumens brightness
- Reality Creation
- Long lasting lamp up to 6,000 hours
- Wireless HDMI compatible (optional accessory)
- SXRD panels and advanced IR 3 technology

KEY FEATURES

Images so real you could touch them
Crisp, sharp, detailed Full HD 3D. The VPL-HW45ES & VPL-HW65ES are a fantastic option for any movie lover looking for an incredible cinematic experience at home, far beyond the reach of TV.

Reality Creation
Reproduce colours and textures that are lost when movies are packaged to disc so you get much closer to the 1080p original.

Advanced SXRD panels
Produce an ultra-smooth picture by minimising the space between pixels at a super fast speed. The VPL-HW45ES & VPL-HW65ES are also synchronised with our 3D glasses for a jaw-dropping experience and minimal crosstalk.



SONY

Get closer to a real cinema experience

The VPL-HW45ES & VPL-HW65ES Full HD 3D Home Cinema projectors are packed with our latest technology for an incredibly sharp, crystal clear cinematic experience. All you need to add is the popcorn.

Taking Home Cinema to the next level. Following the success of our previous Home Cinema projectors, we introduce our next generation VPL-HW45ES & VPL-HW65ES models, with even more great benefits. Featuring longer durability, versatile automation compatibility with IP control, built-in USB firmware updates, RF 3D transmitter and more.


High brightness and contrast ratio
With 1,800 ANSI lumens colour brightness and a dynamic contrast ratio of 120,000:1, it's an advanced Home Cinema experience that has to be seen to be believed. Advanced SXRD panels along with features like Reality Creation and Motionflow mean you'll see your favourite films at their very best, in 3D and 2D.






Control4 APLX

*VPL-HW65ES only




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

Our new 4K Home Cinema projector, the VPL-VW300ES, is packed with innovative technology to bring your movies to life.




The ultimate 4K Home Cinema experience

If you're serious about cinema, you'll understand the power of 4K resolution. Now you can bring home that truly immersive cinema experience with our 4K Home Cinema projector range.




Come home to better looking movies

Introducing our Full HD 3D Home Cinema projector, the VPL-HW40ES.




Fine detail for fine art


Sony France is proud to join



Future-proof Home Cinema projectors with



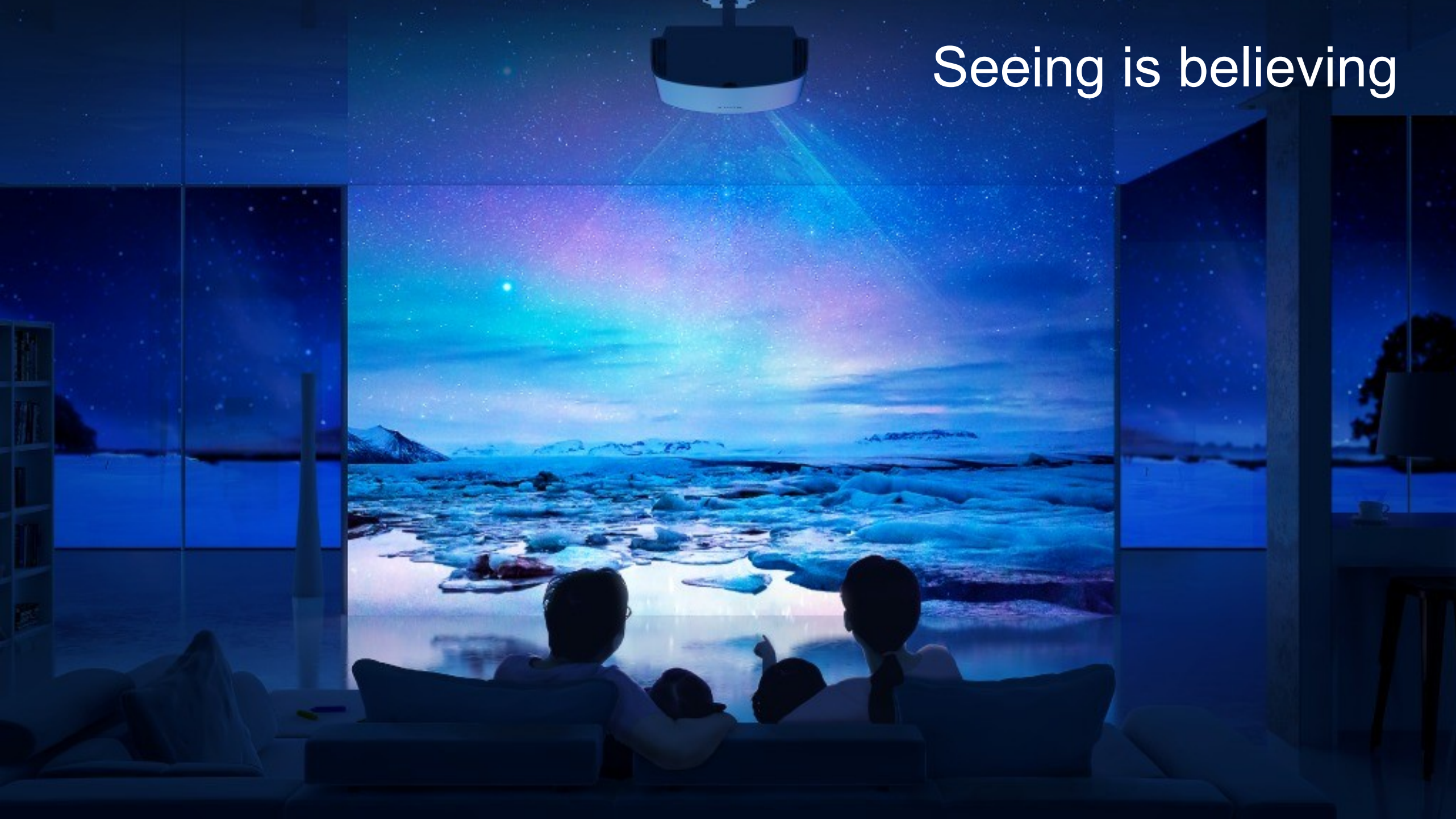
Explore our VPL-VW1100ES 4K Home



International acclaim for the VPL-VW500ES



Seeing is believing



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