

SONY



3LCD Laser Projector



# Why Sony?

Sony is a major professional in the world of imaging technology, across both consumer and professional applications.

Sony's comprehensive imaging technologies extend across a wide range: lenses, image sensors, image processors, IP transmission, display devices and light sources. Products are developed by engineers with deep and broad experience in imaging technologies.

As a leading global manufacturer for professional users, Sony offers superlative moviemaking and broadcasting, as well as medical equipment and business and educational products.



# Image quality

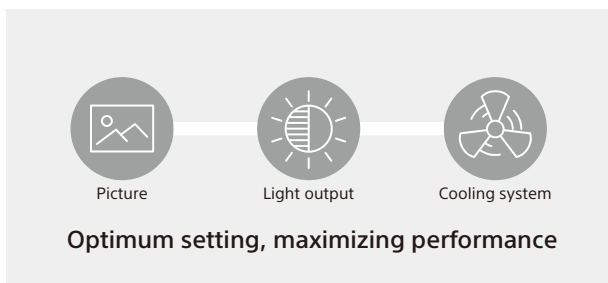


Sony's BrightEra™ 3LCD panel works with Sony's original Z-Phosphor™ light source to deliver unmatched clarity, color reproduction and brightness.

Sony's 'Reality Creation' engine delivers ultra-high accuracy by combining database-driven, super-resolution processing with image pattern classification. Automatic control of both super-resolution processing and noise reduction ensures stunning image quality, smooth gradations and low noise.



# Intelligent setting



Intelligent Settings offer four presets, optimising brightness, cooling system and other projector settings to suit all usage environments. In addition, VPL-FHZ131L, VPL-FHZ101L, and VPL-FHZ91L are equipped with an Advanced Intelligent Setting function, which automatically control the temperature of the installation environment, frequency of usage, and several other parameters so that they can be used at suitable settings for long-term stable operation.




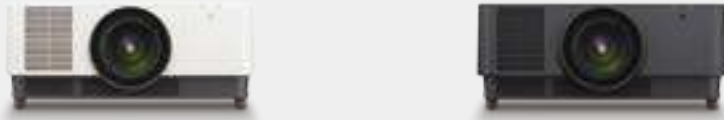











# Simple and discreet

The projector's minimalist design looks great in any space, blending seamlessly into the background of conference rooms, museums, and other sophisticated locations.

An experienced team of designers have created a functional, aesthetically pleasing product that is durable, easy to set up, and easy to use.



# 3LCD laser projector lineup, by venue

Venue		Large		
				
Brightness		13,000 lm	10,000 lm	9,000 lm
				
Model name		VPL-FHZ131L	VPL-FHZ101L	VPL-FHZ91L
Lens shift (Maximum)	Vertical	±107%		
	Horizontal	±57%		
Lens type		Inte		
Throw ratio		Depends on lens		
Resolution		WUX		
Screen size				
Power consumption (Maximum)	AC 100 V to 120 V	1076 W	840 W	
	AC 220 V to 240 V	1033 W	814 W	
Power requirements		AC		
Dimensions (without protrusions) & weight		Approx. 544 x 205 x 564 mm (27 kg)	Approx. 544 x 205 x 564 mm (26 kg)	
Input / output		Input       *1 Output   *1		
Control signal input / output		  		
Reality creation		●	●	●
Intelligent setting		Version 2	Version 2	Version 2
Automatic filter cleaning		●	●	●
Edge blending		●	●	●
Warping		●	●	●

\*1: support as an option, required BKM-PJ20 \*2: support as an option  
 \*3: VPL-PHZ12 and VPL-CWZ10 do not support correcting deflection



## Optional lenses

For VPL-FHZ131L/FHZ101L/FHZ91L

Model name	VPLL-Z4107	VPLL-4008	VPLL-Z4111	VPLL-Z4015	VPLL-Z4019	VPLL-Z4025	VPLL-Z4045
Throw ratio	0.75:1 to 0.94:1	1.00:1	1.30:1 to 1.96:1	1.85:1 to 2.44:1	2.41:1 to 3.07:1	3.02:1 to 5.58:1	5.56:1 to 7.5:1
Zoom	Powered	-	Powered	Powered	Powered	Powered	Powered
Focus	Powered	Manual	Powered	Powered	Powered	Powered	Powered
Screen size	60" to 600"	40" to 600"	60" to 600"	40" to 600"	40" to 600"	40" to 600"	60" to 600"
Lens shift (V, H)	±50%, ±24%	±32%, ±15%	±99%, ±51%	±98%, ±51%	±107%, ±57%	±107%, ±57%	±107%, ±57%
Weight	3.3 kg	2.6 kg	4.0 kg	3.0 kg	3.0 kg	2.8 kg	3.0 kg

Small



Large rooms, Large rooms

Mid-sized rooms

SOHO

6,500 lm		5,500 lm		5,000 lm	
<b>VPL-FHZ75</b>		<b>VPL-FHZ70</b>		<b>VPL-PHZ12</b>	
		-5%, +70%		+20% to +55%	
		±32%		±10%	
Interchangeable				Fixed	
1.39:1 to 2.23:1 (When using the included lens)				1.28:1 to 1.88:1	
1080p (1920 x 1200)				WXGA (1280 x 800)	
40" to 600"				40" to 300"	
537 W		483 W		424 W	
518 W		468 W		403 W	
342 W		326 W			
100 V to 240 V					
Approx. 460 x 169 x 515 mm (16 kg)			Approx. 510 x 113 x 354.6 mm (8.7 kg)		Approx. 371 x 100 x 319.3 mm (5.7 kg)
Input		Output		Input	
Video, PC, DVI-D, HDMI, Audio, HDBaseT		PC, DVI-D, Audio		PC, HDMI, Audio, HDBaseT, Video	
RS-232C, LAN, IR (Control S) input				RS-232C, LAN, USB A, USB B, Wireless	
●		●		●	
Version 1		Version 1		Version 1	
●		●		●	
●		●		●	
●		●		●*3	

○ RCA    DVI-D    HDMI    RJ-45    D-sub 9 pin    Stereo mini jack    USB A    USB B    Wireless: IFU-WLM3 (Option)

### For VPL-FHZ75/FHZ70

Model name	VPLL-3003	VPLL-3007	VPLL-Z3009	VPLL-Z3010	VPLL-Z3024	VPLL-Z3032
Throw ratio	0.33:1	0.65:1	0.85:1 to 1.0:1	1.0:1 to 1.39:1	2.34:1 to 3.19:1	3.18:1 to 4.84:1
Zoom	-	-	Manual	Powered	Powered	Powered
Focus	Powered	Manual	Manual	Powered	Powered	Powered
Screen size	80" to 300"	60" to 300"	60" to 300"	60" to 300"	40" to 600"	40" to 600"
Lens shift (V, H)	±5%, ±5%	+10%/-5%, +/-4%	+50%/-5%, ±24%	+60%/-5%, +/-29%	+60%/-5%, +/-32%	+60%/-5%, +/-32%
Weight	2.9 kg	1.7 kg	1.7 kg	2.0 kg	1.2 kg	1.2 kg



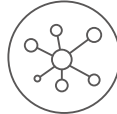
**VPL-FHZ131L** 13,000lm, WUXGA  
**VPL-FHZ101L** 10,000lm, WUXGA  
**VPL-FHZ91L** 9,000lm, WUXGA



- Installation flexibility
    - Very wide range of lens shift adjustment and a wide choice of interchangeable lenses including VPLL-Z4107 short throw lens
  - Networked control and monitoring
    - Ideal for integration in AV environments with leading control, monitoring and management systems such as Crestron Connected® and Extron® XTP™ Systems.\*
- \* Extron and XTP Systems are trademarks of RGB Systems Inc.



**VPL-PHZ12** 5,000lm, WUXGA



- Installation flexibility
    - Enjoy easy installation and greater flexibility with lens shift to position the projector in higher spaces
  - Networked control and monitoring
    - Ideal for integration in AV environments with leading control, monitoring and management systems such as Crestron Connected® and Extron® XTP™ Systems.\*
- \* Extron and XTP Systems are trademarks of RGB Systems Inc.



**VPL-CWZ10** 5,000lm, WXGA



- Affordable 3LCD laser projector
  - Quick power on/off
  - Consistent brightness
  - Reduced maintenance
- Lightweight, compact blend-in design

# SONY

<https://pro.sony/projectors>

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