

SONY

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.



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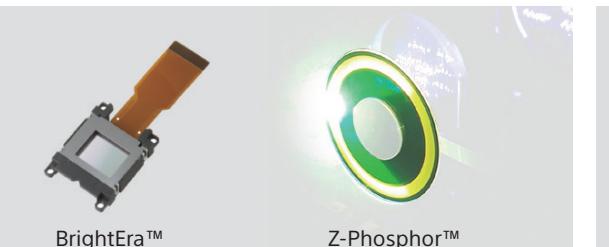
MK20407V1Y1T20FEB BP000916-022020-A-V1 Printed in Singapore



3LCD Laser Projector



Image quality



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



Reality Creation
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.

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.

Flexibility

Picture position preset^{#1}

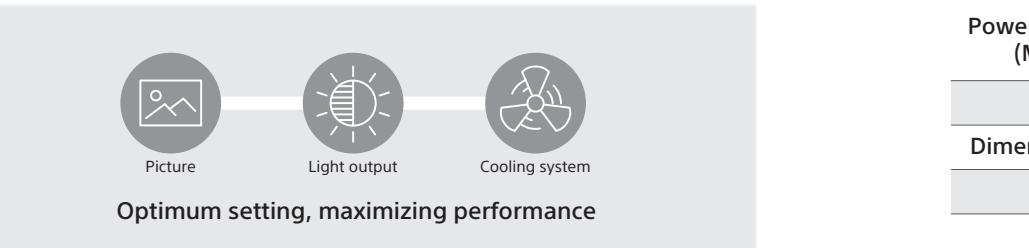


Recall the preset position and size at the push of a button.

* Users are required to prepare a switcher

* Requires optional VPLL-Z411 lens

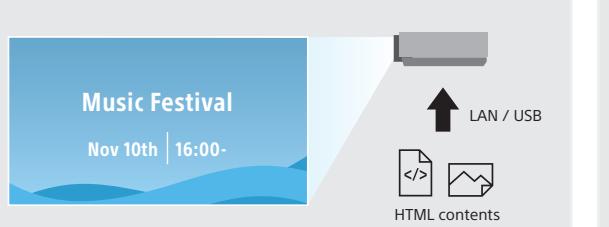
Intelligent Setting^{#1 #2}



Intelligent Settings offer four presets, optimising brightness, cooling system and other projector settings to suit all usage environments.

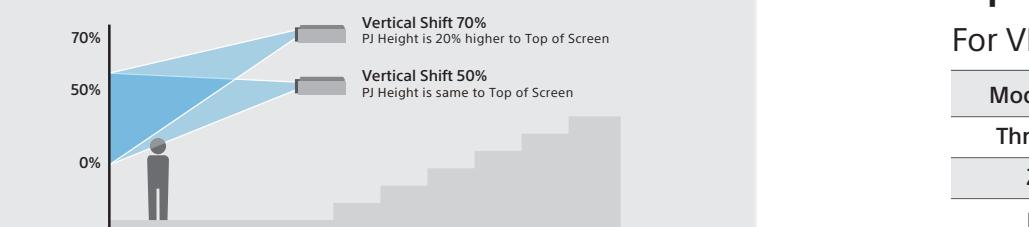
In addition, VPL-FHZ131L, VPL-FHZ101L, and VPL-FHZ91L are equipped with an Advanced Intelligent Setting function, which automatically control the temperature of the installation environment, frequency of usage, and several other parameters so that they can be used at suitable settings for long-term stable operation.

New HTML content display function^{#1}



Project customized images such as logos or advertisements via LAN or USB, even when the projector is not in use. * This function supports 16:9 only

Wide Lens Shift^{#2}



The industry's widest lens shift* capability of Vertical +70% gives greater flexibility. No need correct image shape by keystone correction.

*In the range of 5,000-6,500 lm. As of 5th February 2019, according to Sony research.

#1 For VPL-FHZ131L, VPL-FHZ101L and VPL-FHZ91L, #2 For VPL-FHZ75 and VPL-FHZ70

3LCD laser projector lineup, by venue

Venue	LARGE				Museums, Galleries				Bright classrooms, Meeting rooms, Large rooms				Mid-sized rooms				SOHO				SMALL																
Brightness	13,000 lm	10,000 lm	9,000 lm	6,500 lm	5,500 lm	6,100 lm	5,100 lm	4,200 lm	5,000 lm				5,000 lm				5,000 lm				5,000 lm																
Model name	VPL-FHZ131L	VPL-FHZ101L	VPL-FHZ91L	VPL-FHZ75	VPL-FHZ70	VPL-FHZ66	VPL-FHZ61	VPL-FHZ58	VPL-FHZ12	VPL-CWZ10	VPL-CXZ10																										
Lens shift (Maximum)	Vertical	$\pm 107\%$			$-5\%, +70\%$			$-5\%, +60\%$			$+20\% \text{ to } +55\%$			N/A (Lens Offset Vertical +37%)			N/A (Lens Offset Vertical +33%)																				
	Horizontal	$\pm 57\%$			$\pm 32\%$			Interchangeable			Fixed																										
Lens type																																					
Throw ratio	Depends on lens					1.39:1 to 2.23:1 (When using the included lens)					1.28:1 to 1.88:1					1.29:1 to 2.07:1			1.41:1 to 2.27:1																		
Resolution	WUXGA (1920 x 1200)										WXGA (1280 x 800)										XGA (1024 x 768)																
Screen size	40" to 600"										40" to 300"										342 W																
Power consumption (Maximum)	AC 100 V to 120 V	1076 W	840 W			537 W	483 W	515 W	420 W	367 W	424 W	326 W										326 W															
	AC 220 V to 240 V	1033 W	814 W			518 W	468 W	497 W	408 W	352 W	403 W																										
Power requirements	AC 100 V to 240 V										Approx. 510 x 113 x 354.6 mm (8.7 kg)										Approx. 371 x 100 x 319.3 mm (5.7 kg)																
Dimensions (without protrusions) & weight	Approx. 544 x 205 x 564 mm (27 kg)					Approx. 544 x 205 x 564 mm (26 kg)					Approx. 460 x 169 x 515 mm (16 kg)					Input PC HDMI Audio HDBaseT Video Output Audio			Input PC HDMI Audio Video Output Audio																		
Input / output	Input PC/Component	PC	DVI-D	HDMI	HDBaseT	3G-SDI	Output PC/Component	3G-SDI	Input PC	DVI-D	HDMI	Output PC	DVI-D	Audio	Input RS-232C LAN USB A	Output RS-232C LAN USB B	Input RS-232C LAN USB A	Output RS-232C LAN USB B	Input Wireless	Input RS-232C LAN USB A	Output RS-232C LAN USB B																
Control signal input / output	RS-232C LAN IR (Control S) input										Wireless																										
Reality creation	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	-																
Intelligent setting	Version 2			Version 2			Version 2			Version 1			Version 1			Version 1			Version 1																		
Automatic filter cleaning	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	-																
Edge blending	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	-																
Warping	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	*3																

Optional lenses

For VPL-FHZ131L, VPL-FHZ101L and VPL-FHZ91L

Model name	VPLL-Z4107	VPLL-4008	VPLL-Z4111	VPLL-Z4015	VPLL-Z4019	VPLL-Z4025	VPLL-Z4045	BNC	D-sub 9 pin
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	0.33:1	0.65:1
Zoom	Powered	-	Powered	Powered	Powered	Powered	Powered	-	-
Focus	Powered	Manual	Powered	Powered	Powered	Powered	Powered	Manual	Powered
Screen size	60" to 600"	40" to 600"	60" to 600"	40" to 600"	40" to 600"	40" to 600"	60" to 600"	60" to 300"	60" to 300"
Lens shift (V, H)	$\pm 50\%, \pm 24\%$	$\pm 32\%, \pm 15\%$	$\pm 99\%, \pm 51\%$	$\pm 98\%, \pm 51\%$	$\pm 107\%, \pm 57\%$	$\pm 107\%, \pm 57\%$	$\pm 107\%, \pm 57\%$	$\pm 5\%, \pm 5\%$	$\pm 10\%, \pm 5\%, \pm 4\%$
Weight	3.3 kg	2.6 kg	4.0 kg	3.0 kg	3.0 kg	2.8 kg	3.0 kg	2.9 kg	1.7 kg

*1: support as an option, required BKM-PJ20

*2: support as an option

*3: VPL-FHZ12 and VPL-CWZ10 do not support correcting deflection

