SONY

VPL-FHZ131L / FHZ101L / FHZ91L

3LCD Laser Projectors
WUXGA | 13,000 lm / 10,000 lm / 9,000 lm

Features

- High brightness, high contrast and sRGB 100%*
  wide color 13,000 / 10,000 / 9,000 lumen images
  * sRGB 100% color space is only for VPL-FHZ131L.
- Reality Creation
  - Advanced picture refinement technologies
- Intelligent Setting
  - Highly automatic control of multiple parameters to maximize laser performance
- Installation flexibility
  - Very wide range of lens shift adjustment and a wide choice of interchangeable lenses
- Supports wide range of major control interfaces
- Slim, attractive blend-in design

3LCD **BrightEra** Long Lasting Optics **Z-Phosphor** LASER LIGHT SOURCE **HDBaseT**

Combining spectacular image quality with easy set-up and minimal maintenance needs, these high-brightness 3LCD laser projectors are ideal for installation in larger spaces

For auditoriums/halls

For classrooms/conference rooms

For museums

https://pro.sony/projectors

SPECIFICATIONS

		VPL-FHZ131L	VPL-FHZ101L	VPL-FHZ91L
Display system		3 LCD system		
Display device	Size of effective display area	1" x 3 BrightEra LCD Panel, Aspect ratio: 16:10		
	Number of pixels	6,912,000 (1920 x 1200 x 3) pixels		
Projection lens	Focus, Zoom	Powered / Manual (Depend on lens)		
	Lens shift Powered / Manual	Powered		
Light source	Type	Laser diode		
Auto filter cleaning / Auto color calibration		Yes / Yes		
Light output*1 (Mode: Standard / Middle)		13,000 lm / 10,000 lm	10,000 lm / 8,800 lm	9,000 lm / 8,000 lm
Constant ratio*1 (full white / full black)		∞ : 1		
Color space Picture mode: sRGB		sRGB 100%	—	
Displayable scanning frequency	Horizontal / Vertical	15 kHz to 92 kHz / 48 Hz to 92 Hz		
Display resolution	Computer signal input	Maximum display resolution: 1920 x 1200 dots		
	Video signal input	480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i The following items are available for digital signal only; 1080/60P, 1080/50p, 1080/24p, 1080/30p*3		
Keystone correction (Max.)	Horizontal / Vertical	+/- 30 degrees / +/- 30 degrees		
OSD language		24-language (English, French, German, Italian, Spanish, Portuguese, Japanese, Simplified Chinese, Traditional Chinese, Korean, Russian, Dutch, Norwegian, Swedish, Thai, Arabic ,Turkish, Polish, Vietnamese, Farsi, Indonesian, Finnish, Hungarian, Greek) with Sony sales co. customizable		
Input / Output (Computer / Video / Audio / Control)	INPUT A	RGB / Y PB PR input connector: 5BNC (female)		
	INPUT B	RGB input connector: Mini D-sub 15-pin (female)		
	INPUT C	DVI input connector: DVI-D 24-pin (single link), HDCP support		
	INPUT D	HDMI input connector: HDMI 19-pin, Digital RGB / Y PB PR, HDCP support		
	INPUT E	HDBaseT interface connector: RJ45, 3 play (Video, LAN, Control)		
	INPUT F	Optional adaptor slot (For 3G-SDI Input Adaptor BKM-PJ20)		
	INPUT G	HTML Viewer		
	OUTPUT	Monitor output for Input A / Input B Connector: Mini D-sub 15-pin (female)		
	USB	Type-A x 1, Type-B x 1 (for service)		
	REMOTE	D-sub 9-pin (male) / RS232C		
	LAN	RJ45, 10BASE-T / 100BASE-TX / 1000BASE-T		
Acoustic noise (Mode: Standard)*2		42 dB	39 dB	
Operating temperature / Operating humidity		0°C to 45°C (32°F to 109°F) / 20% to 80% (no condensation)		
Storage temperature / Storage humidity		-10°C to +60°C (14°F to +140°F) / 20% to 80% (no condensation)		
Power requirements		AC 100 V to 240 V, 10.8 A to 4.4 A, 50 Hz to 60 Hz	AC 100 V to 240 V, 8.4 A to 3.4 A, 50 Hz to 60 Hz	
Power Consumption (Maximum)	AC 100 V to 120 V	1076 W	840 W	
	AC 220 V to 240 V	1033 W	814 W	
Power Consumption (Standby mode)	AC 100 V to 120 V	0.50 W (when "Standby mode" is set to "Low")		
	AC 220 V to 240 V	0.50 W (when "Standby mode" is set to "Low")		
Power Consumption (Networked Standby mode)	AC 100 V to 120 V	21.6 W (LAN) / 26.5 W (HDBT) / 26.6 W (ALL Terminals and Networks Connected, when "Standby Mode" is set to "Standard")		
	AC 220 V to 240 V	21.3 W (LAN) / 26.5 W (HDBT) / 26.6 W (ALL Terminals and Networks Connected, when "Standby Mode" is set to "Standard")		
Standby Mode (Networked Standby Mode Activated)		Networked Standby Mode Activated Approx. 2 Minutes		
Heat dissipation	AC 100 V to 120 V	3671 BTU / h	2866 BTU / h	
	AC 220 V to 240 V	3524 BTU / h	2777 BTU / h	
Dimensions (W x H x D) (without protrusions)		Approx. 544 x 205 x 564 mm (21 13/32 x 8 1/16 x 22 7/32 inches)		
Mass (without optional projection lens)		Approx. 27 kg (58 lb)	Approx. 26 kg (58 lb)	
Supplied accessories	Remote commander	RM-PJ30		
Optional accessories	Projection Lens	VPLL-Z4107 / 4008 / Z4111 / Z4015 / Z4019 / Z4025 / Z4045		

*1 Value is in accordance with ISO 21118, and may differ depending on the actual unit. Brightness and contrast vary depending on use conditions and environments.
*2 The figures are approximate. They vary depending on the environment or how the projector is used.   *3 When using BKM-PJ20
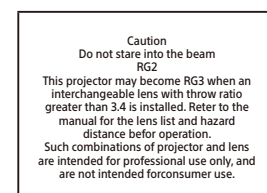
OPTIONAL LENS INFORMATION

	Throw ratio	Lens shift range	
		Vertical	Horizontal
VPLL-Z4107	0.75:1 to 0.94:1	+/- 50%	+/- 24%
VPLL-4008	1.00:1	+/- 32%	+/- 15%
VPLL-Z4111	1.30:1 to 1.96:1	+/- 99%	+/- 51%
VPLL-Z4015	1.85:1 to 2.44:1	+/- 98%	+/- 51%
VPLL-Z4019	2.41:1 to 3.07:1	+/- 107%	+/- 57%
VPLL-Z4025	3.02:1 to 5.58:1	+/- 107%	+/- 57%
VPLL-Z4045	5.56:1 to 7.5 :1	+/- 107%	+/- 57%

LASER NOTICES

For the U.S.A.
IEC 60825-1:2007 CLASS 3R
LASER PRODUCT

For other countries
IEC 60825-1:2014   CLASS 1 LASER PRODUCT
**As with any bright light source,
do not stare into the beam,
RG2 IEC 62471-5:2015.**

LASER RADIATION   IEC 60825-1:2007
AVOID DIRECT EYE EXPOSURE
CLASS 3R LASER PRODUCT
WAVE LENGTH: 450-460nm
MAX OUTPUT < 280mW

JIS C6802:2014 IEC 60825-1:2014
レーザ クラス1   LASER 1
1類激光産品

Caution
Do not stare into the beam
RG2
This projector may become RG3 when an interchangeable lens with throw ratio greater than 3.4 is installed. Refer to the manual for the lens list and hazard distance befor operation.
Such combinations of projector and lens are intended for professional use only, and are not intended forconsumer use.

MK20404V1YIT20JAN

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Petit-Flon 31 - Le Mont/Lausanne - 021 310 20 60 www.sonora.ch
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