



3LCD Laser Projectors

VPL-FHZ120L (12,000lm, WUXGA)

VPL-FHZ90L (9,000lm, WUXGA)



The latest in high-brightness laser projectors.
Ideal for large venues, mid-sized classrooms and conference rooms.



For auditoriums/halls



For classrooms/conference rooms



For museums

SPECIFICATIONS

		VPL-FHZ120L	VPL-FHZ90L	
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 *1	Focus	Powered/Manual (Depend on lens)		
	Zoom	Powered/Fixed (Depend on lens)		
	Lens shift	Powered/Manual Powered		
Light source		Laser diode		
Laser life *4		20,000 H		
Filter cleaning/replacement cycle (Max.) *3		10,000 H (service maintenance)	20000 H (service maintenance)	
Auto filter cleaning		Yes		
Screen size (Max)		40" to 600" (depend on projection lens)		
Light output*2 (Mode: Standard)		12,000 lm	9,000 lm	
Color light output*2 (Mode: Standard)		12,000 lm	9,000 lm	
Constant brightness *2 *4		10,000 lm (14,000 H)	8,000 lm (14,000 H)	
Color calibration		Yes		
Color space *2	Picture mode: sRGB	sRGB 100%	—	
	Bayonet lens attachment function	Yes		
Lens position memory function		Yes (Requires optional VPLL-Z4111 lens)		
Displayable scanning frequency	Horizontal	15 kHz to 92 kHz		
	Vertical	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		
Keystone correction (Max.) *1 *5	Horizontal	+/- 30 degrees		
	Vertical	+/- 30 degrees		
INPUT OUTPUT (Computer/Video/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, 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)	— (N/A)	
	INPUT G	HTML Viewer		
	OUTPUT 1	Monitor output for Input A/Input B Connector: Mini D-sub 15-pin (female)		
Control signal input/output	REMOTE	D-sub 9-pin (male)/RS232C		
	LAN	RJ45, 10BASE-T/100BASE-TX/1000BASE-T		
	USB	Type-A x 1		
Operating temperature/Operating humidity		32°F to 109°F (0°C to 45°C)/20% to 80% (no condensation)		
Storage temperature/Storage humidity		14°F to +140°F (-10°C to +60°C)/20% to 80% (no condensation)		
Power requirements		AC 100 V to 240 V		
Power Consumption	AC 100V to 120V	1150W	950W	
	AC 220V to 240V	1150W	950W	
Dimensions (W x H x D) (without protrusions)		Approx. 21 13/32 x 8 1/16 x 22 7/32 inches (544 x 205 x 564 mm)		
Weight (without optional projection lens)		62 lb (28 kg)		
Supplied accessories	Remote commander	RM-PJ30		
Optional accessories	Projection Lens	VPLL-4008/Z4111 (NEW) /Z4015/Z4019/Z4025/Z4045		

*1 Depend on lens.

*2 The values are estimate.

*3 This figure is expected maintenance time, not guaranteed time. The actual value depends on the environment and how the projector is used.

*4 The figures are approximate. They vary depending on the environment or how the projector is used.

*5 The picture quality may deteriorate when the V Keystone function is used for it is an electrical correction.

KEY FEATURES

- Bright and vibrant images
- Long-lasting brightness
- Rich color reproduction
- Industry-leading wide lens shift

Pre-order and get a free lens, or save \$1,000!

Visit sony.com/laser for more information and Official Rules.

OPTIONAL LENS INFORMATION

	Throw ratio	Lens shift range	
		Vertical	Horizontal
VPLL-4008	1.00:1	+/- 32%	+/- 15%
VPLL-Z4111 (NEW!)	1.30:1 to 1.95:1	+/- 99%	+/- 51%
VPLL-Z4015	1.85:1 to 2.44:1	+/- 98%	+/- 51%
VPLL-Z4019	2.41:1 to 3.07:1	+/- 107%	+/- 60%
VPLL-Z4025	3.02:1 to 5.58:1	+/- 107%	+/- 60%
VPLL-Z4045	5.56:1 to approx. 7.5 :1	+/- 107%	+/- 60%

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