Specifications

			VPL-FHZ91L	VPL-FHZ101L	VPL-FHZ131L
Display system	3LCD System		•	•	•
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		
	Zoom - Powered/Manual		Powered		
	Zoom - Ratio		Depend on Lens		
	Throw Ratio		Depend on Lens		
Lens shift	Powered/Manual		Powered		
	Range Vertical		Depend on Lens		
	Range Horizontal		Depend on Lens		
Light source	Type		Laser+Phosphor		
Laser life *4	Light output mode: Standard		20,000 H		
Filter cleaning / replacement cycle (Max.) *2			10,000 H (service maintenance)		
Auto filter cleaning			•	•	•
Screen size (Max)			Depend on Lens		
White & Colour Light output *6	Lamp mode:	Standard	9,000lm	10,000 lm	13,000 lm
		Middle	8,000 lm	8,800 lm	10,000 lm
Contrast ratio (full white / full black)			∞:1		
Colour calibration			Yes (500 hours)		
Displayable scanning frequency	Horizontal		15 kHz to 92 kHz		
	Vertical		48 Hz to 92 Hz		
Display resolution	Computer signal input *4		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, 1080/30p, 1080/24p		
Colour System			No		
Keystone correction (Max.) *1 *8	Vertical		+/- 30 degrees		
	Horizontal		+/- 30 degrees		
INPUT OUTPUT (Computer / Video /Control)	INPUT A		RGB / Y PB PR input connector: 5 BNC female, G with sync/Y : 1 Vp-p ±2dB,sync negative,75 ohms terminated, RGB/PbPr:0.7 Vp-p±2dB,75 ohms terminated, Sync signal: TTL level high Impedance, positive/negative		
	INPUT B		RGB input connector:Mini D-sub 15-pin female, RGB: 0.7 Vp-p ± 2 dB, 75 ohms terminated, Sync signal: TTL level high impedance, positive/negative		
	INPUT C		DVI input connector: DVI-D 24-pin (single link), HDCP support HDCP: v1.4		
	INPUT D		HDMI input connector: HDMI 19-pin, Digital RGB/YPBPR,HDCP support HDCP: v1.4		
	INPUT E		HDBaseT interface connector: RJ45, 3 play (Video, LAN(100BASE-TX), RS-232C)		
	INPUT F		Optional adaptor slot for 3G-SDI Input Adaptor (BKM-PJ20)		
	INPUT G		HTML Viewer		
	VIDEO IN		No		
	OUTPUT 1		MONITOR output connector:Mini D-sub 15 pin female, G with sync/Y : 1 Vp-p ±2dB,sync negative,75 ohms terminated, RGB/PbPr:0.7 Vp-p±2dB,75 ohms terminated, Sync signal: HD, VD4V(open), 1 Vp-p(75 ohms), positive/negative		
	REMOTE		D-sub9pin male/RS232C		
	LAN		RJ45,10BASE-T/100BASE-TX/1000BASE-T		
	IR (Control S)		No		
OSD language	24-languages		24-language (English, French, German, Italian, Spanish, Portuguese, Japanese, Chinese (簡・繁, Korean, Russian, Dutch, Norwegian, Swedish, Thai, Arabic ,Turkish, Polish, Vietnamese, Farsi, Indonesian, Finnish, Hungarian, Greek) with Sony sales co. customizable		
Acoustic noise	Lamp mode:	Standard	42 dB		
		Middle	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, 8.4 A to 3.4 A, 50 Hz / 60 Hz		AC 100 V to 240 V, 10.8 A to 4.4 A, 50 Hz / 60 Hz
Power consumption Lamp mode: High	AC 100 V to 120 V		840Wmax		1076Wmax
	AC 220 V to 240 V		814Wmax		1033Wmax
Power consumption (Standby mode)	AC 100 V to 120 V		0.50 W		
	AC 220 V to 240 V		0.50 W		
Power Consumption (Network Standby Mode)	AC 100 V to 120 V		21.6W (LAN) / 26.5W (HDBT) / 26.6W (ALL Terminals and Networks Connected, when "Standby Mode" is set to "Standard")		
	AC 220 V to 240 V		21.3W (LAN) / 26.5W (HDBT) / 26.6W (ALL Terminals and Networks Connected, when "Standby Mode" is set to "Standard")		
Body colour			White/Gray, Black/Black		
Dimensions (W x H x D) (without protrusions)			Approx.. 544 x 205 x 564 mm		
Mass			Approx. 27kg (58lb)		
Supplied accessories	Remote commander		RM-PJ30		
Optional accessories	Projection Lens		VPLL-4008, Z4111, Z4015, Z4019, Z4025, Z4045, Z4107		

*1 The values are estimates.
*2 This value is average with lamp dimming.
*3 The picture quality may deteriorate when the V Keystone function is used for it is an electrical correction.
*4 The figures are approximate. They vary depending on the environment or how the projector is used.