SONY

VPL-PHZ60 / PHZ50

3LCD Laser Projector
WUXGA | 6,000 lm / 5,000 lm

Features

- High contrast and high-quality images with 6,000 lumens
- Reality Creation Advanced picture refinement technologies
- Bright View delivers clear picture quality, even in bright environments
- Compact, light-weight chassis and a stylish blend in design
- Installation flexibility+55% vertical shift / Wide throw ratio (1.6xzoom (1.23 : 1-1.97 : 1))
- Support for 4K 30P input signals and wide range of major control interfaces
- Intelligent settings

3LCD

BrightEra Long Lasting Optics

Z-Phosphor LASER LIGHT SOURCE

HDBT

The world's smallest, lightest 6,000 lumen* laser projector**

*VPL-PHZ60 6,000 lumens / VPL-PHZ50 5,000 lumens
**As of October 2020 (according to Sony research), in 3LCD WUXGA laser projectors

For business

For academic use

For entertainment use

https://pro.sony/projectors

SPECIFICATIONS

		VPL-PHZ60	VPL-PHZ50
Display system		3 LCD system	
Display device	Size of effective display area	0.64" (16.3 mm) x 3 BrightEra LCD Panel, Aspect ratio: 16:10	
	Number of pixels	6,912,000 (1920 x 1200 x 3) pixels	
Projection lens	Zoom	Manual (Approx. x 1.6)	
	Focus	Manual	
	Lens shift	Manual, Vertical: -35% to +55%, Horizontal: +/- 15%	
	Throw ratio	1.23:1 to 1.97:1	
Light source		Laser diode	
Filter cleaning / replacement cycle (Max.)*1		20,000 H (service maintenance)	
Screen size		40'' to 300'' (1.02 m to 7.62 m) (measured diagonally)	
Light output (Mode: Standard / Middle)*2		6,000 lm*3, 6,500 lm (Center)*4 / 4,500 lm	5,000 lm*3, 5,400 lm (Center)*4 / 4,000 lm
Color light output (Mode: Standard / Middle)*2		6,000 lm / 4,500 lm	5,000 lm / 4,000 lm
Contrast ratio (full white / full black)*2		∞ : 1	
Speaker		16 W	
Displayable scanning frequency	Horizontal	15 kHz to 92 kHz	
	Vertical	24 Hz to 92 Hz	
Accepted signal resolution	Computer signal input	Maximum signal resolution: 1920 x 1200 (4K/30p, 3840 x 2160 acceptable)	
	Video signal input	NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i The following items are available for HDMI input only; 1080/60p, 1080/50p,4k/30p, 4k/25p, 4k/24p (4k means 3840)	
Color system		NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60	
Keystone correction (Max.)		Horizontal: +/- 30 degrees Vertical: +/- 30 degrees	
OSD language		27-language (English, French, German, Italian, Spanish, Portuguese, Japanese, Chinese, Korean, Russian, Dutch, Norwegian, Swedish, Thai, Arabic, Turkish, Polish, Vietnamese, Farsi, Finnish, Indonesian, Hungary, Gleek,Czech,Slovakia,Romania)	
Input / Output (Computer / Video / Audio / Control)	INPUT A	RGB / Y PB PR input connector:Mini D-sub 15 pin (female), Audio input connector: Stereo mini jack	
	INPUT B	HDMI input connector: HDMI 19-pin, Digital RGB/Y PB PR, HDCP support, Audio input connector: HDMI audio support	
	INPUT C	HDMI input connector: HDMI 19-pin, Digital RGB/Y PB PR, HDCP support, Audio input connector: HDMI audio support	
	INPUT D	HDBaseT interface connector: RJ45, 4 play (Video, Audio, LAN, Control)	
	VIDEO IN	Video input connector: Phono jack (Composite), Audio input connector: Shared with INPUT A	
	OUTPUT	Audio output connector: Stereo mini jack	
	REMOTE	D-sub 9-pin (male) / RS232C	
	LAN	RJ45, 10BASE-T / 100BASE-TX	
	USB	TYPE-A x 1 (for F/W update) , TYPEA for Power supply	
Acoustic Noise (Mode: Standard / Middle)*2		37 dB / 34 dB	35 dB / 32 dB
Operating temperature (Operating humidity)		0°C to 40°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, 4.4 A to 1.9 A, 50 Hz / 60 Hz	
Power consumption (Mode: Standard)	AC 100 V to 120 V	440 W	
	AC 220 V to 240 V	418 W	
Power Consumption (Standby Mode)	AC 100 V to 120 V	0.5 W (when "Standby mode" is set to "Low")	
	AC 220 V to 240 V	0.5 W (when "Standby mode" is set to "Low")	
Power Consumption (Networked Standby Mode)	AC 100 V to 120 V	1 W (LAN), 16 W (ALL Terminals and Networks Connected, when "Standby Mode" is set to "Standard")	
	AC 220 V to 240 V	1 W (LAN), 15 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	
Dimensions (W x H x D) (without dust filter, protrusions)		Approx. W 422 x H 100 x D 333 mm (16 5/8 x 3 15/16 x 13 1/8 inches)	
Mass		Approx. 7.0 kg (15 lb)	Approx. 6.6 kg (15 lb)
Supplied accessories		RM-PJ8 Remote Commander (1), Lithium battery (CR2025) (1), AC Power Cord (1), Quick Reference Manual (1)	

*1 This figure is the expected maintenance time, not a guaranteed time. The actual value depends on the environment and how the projector is used.
*2 The figures are approximate. They vary depending on the environment or how the projector is used.
*3 The 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.
*4 The value is light output measured at center area of screen in Standard mode, and average of all products shipped.

For other countries
IEC 60825-1:2014 CLASS 1 LASER PRODUCT

RG2
As with any bright light source, do not stare into the beam, RG2 IEC 62471-5:2015.

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