SONY

3LCD Laser Light Source Projector
Basic Installation

VPL-PHZ10

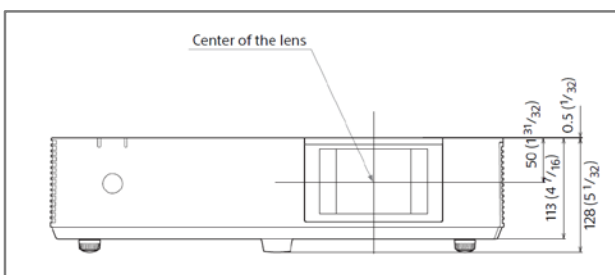**3LCD** **Z-Phosphor** LASER LIGHT SOURCE **HDBT**

Key Features
- 4,500 lumens with constant brightness up to 14,000h[*1]
  Maximum 5,000 lumens when constant brightness mode is off
- Native WUXGA (1,920 x 1,200) Resolution
- Laser Light Source "Z-Phosphor" and 3LCD
  Projection System
- Bright Era™ Long-lasting Optics
- Reality Creation for superior picture quality
- Contrast Enhancer for high contrast
- Instant ON/OFF
- Constant Brightness Mode
- 20,000h[*1] of Virtually Zero Maintenance Operation
- Hassle-free Automatic Filter Cleaning
- Energy-efficient Functions
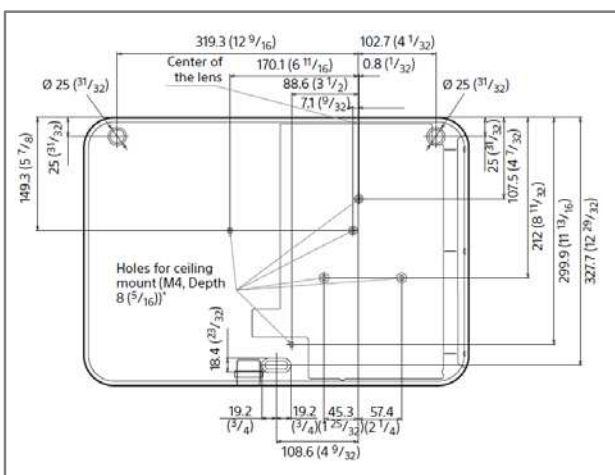- Tilt Angle Free
- HDBaseT™ Compatibility

*1 Actual hours may very depending on usage environment

WUXGA (1920x1200) Resolution
4,500 lm w/ Constant Brightness
5,000 lm w/o Constant Brightness

Optical		
Light Output /		4500 lumens up to 14,000 hours[*1] (constant brightness ON)
Color Light Output		5000 lumens[*2] (constant brightness OFF)
LCD Panels		0.76" x 3 BrightEra LCD Panel
Panel Display Resolution		WUXGA (1920 x 1200 dots)
Contrast Ratio		500,000:1 (Full white/full black)[*1]
Light source		Laser diode
Projection Lens	Zoom / Focus	Approx. 1.45x Manual / Manual
	Lens Shift	Manual, Vertical : +20% to 55% Horizontal : +/- 10%
	Throw Ratio	1:28:1 to 1.88:1
Screen Size		40" to 300"
Interface		
Computer and Video Input/Output	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/YPBPR, HDCP support, HDMI audio support
	INPUT C	HDMI input connector: HDMI 19-pin, Digital RGB/YPBPR, HDCP support, HDMI audio support
	INPUT D	HDBaseT interface connector: RJ45, 4 play (Video, Audio, LAN (100BASE-TX), RS-232C)
	VIDEO IN	Video input connector: Phono Jack Audio input connector: Shared with input A
	OUTPUT A	Audio output connector: Stereo mini
Control Signal	RS-232C	D-sub9pin male/RS232C
	LAN	RJ45,100BASE-TX (Shared with HDBaseT)
Speaker		16W
General		
Scanning Frequency		H: 15 to 92kHz, V: 48 to 92Hz
Display Resolution	Computer signal input	Maximum display resolution : 1920x1200 dots
	Video signal input	NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, The following items are available for digital signal only: 1080/50i, 1080/60p, 1080/50p, 1080/24p
Color System		NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL- N, PAL60
UPC Code		027242907454
Power Requirements		AC 100V to 240V, 5.5A to 2.3A, 50Hz/60Hz
Power Consumption		424W (Standard) / 287W (Middle) / 217W (Low)
Standby Mode Power Consumption		0.5W (when "Standby mode" is set to "Low")
Heat Dissipation		1446 BTU/h
Dimensions (W x H x D)		510 x 113 x 354.6 mm W 20"x H 4.4" x D 14"
Mass		8.7kg (19lb)
Supplied Accessories		
Remote Commander		RM-PJ8
Optional Accessories		
Projector Suspension Support		PAM-200 or PAM-600 (both are compatible)
USB wireless LAN module		IFU-WLM3

*1 The figures are approximate. They vary depending on the environment or how the projector is used.
*2 In Constant Brightness OFF mode, brightness will gradually decline over time.
*3 The value is with auto light dimming activated

Dimensions (Front)
Unit: mm (inches)

Dimensions (Bottom)

Connector Panels