

## 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



**BrightEra™**  
Long Lasting Optics

**Z-Phosphor™**  
LASER LIGHT SOURCE



### 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-PH260                                                                                                                                                                                                                                           | VPL-PH250                                                           |
|------------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| 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.) <sup>*1</sup>   |                                                        | 20,000 H (service maintenance)                                                                                                                                                                                                                      |                                                                     |
| Screen size                                                |                                                        | 40" to 300" (1.02 m to 7.62 m) (measured diagonally)                                                                                                                                                                                                |                                                                     |
| Light output (Mode: Standard / Middle) <sup>*2</sup>       |                                                        | 6,000 lm <sup>*3</sup> , 6,500 lm (Center) <sup>*4</sup> / 4,500 lm                                                                                                                                                                                 | 5,000 lm <sup>*3</sup> , 5,400 lm (Center) <sup>*4</sup> / 4,000 lm |
| Color light output (Mode: Standard / Middle) <sup>*2</sup> |                                                        | 6,000 lm / 4,500 lm                                                                                                                                                                                                                                 | 5,000 lm / 4,000 lm                                                 |
| Contrast ratio (full white / full black) <sup>*2</sup>     |                                                        | ∞ : 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<br>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<br>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, Greek, 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) <sup>*2</sup> |                                                                                                                                                                                                                                                     | 37 dB / 34 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



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

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