

VPL-PHZ60 / PHZ50

3LCD Laser Projectors

WUXGA | 6,000 lm / 5,000 lm



Features

- High contrast, high quality 6,000 lumen* images
- Reality Creation for advanced picture refinement
- Bright View feature delivers easy-to-see images, even in bright environments
- Small, lightweight, slim and attractive blend-in design
- Installation flexibility, +55% vertical shift / Wide throw ratio
- Supports for 4K 30P input signals and wide range of major control interfaces
- Intelligent Setting feature controls multiple parameters to maximize performance



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 education



For entertainment

pro.sony/laserprojectors

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.) ^{*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, 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) ^{*2} | | 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) | |

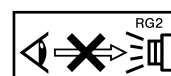
*1 This figure is the expected maintenance time, not a guaranteed time. The actual value depends on the environment and how the projector is used.

*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.

©2020 Sony Home Entertainment & Sound Products Inc. Reproduction in whole or in part without written permission is prohibited. Features and specifications are subject to change without notice. The values for mass and dimension are approximate. "SONY" is a registered trademark of Sony Corporation.

"Z-Phosphor", "BrightEra" and "Remote Commander" are trademarks of Sony Corporation. The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

HDBaseT™ and the HDBaseT Alliance logo are the trademarks of the HDBaseT Alliance.

All other trademarks are the property of their respective owners. Please visit Sony's professional website or contact your Sony representative for specific models available in your region.

HESMK0001V1Y1T20NOV