SONY

VPL-PHZ10

5,000 lumens WUXGA laser light source projector

Overview

Cost effective laser projection with excellent picture quality, easy installation and low running costs
The VPL-PHZ10 laser projector is a versatile, affordable choice for installation in a wide range of education, business and entertainment environments.

The powerful Z-Phosphor laser light source is teamed with Sony's advanced BrightEra 3LCD projection engine to deliver extremely bright, detail-packed WUXGA resolution images with generous 5000 lumens brightness and rich, stable colours. This laser light source allows up to 20,000 hours* of virtually zero maintenance operation without the worry of sudden lamp failures. An automated filter system cuts the hassle of regular dust cleaning. Near-zero maintenance needs are complemented by a range of energy-saving features, significantly driving down total lifetime ownership costs. Constant Bright maintains consistent light output levels throughout the laser's 20,000 hours (at light output mode "Middle") recommended lifespan.

Offering a stylish blend-in design and low fan noise, the VPL-PHZ10 fits smoothly into almost any environment – from academic institutions to corporate environments. Mount the projector at any angle, even on its side or upside down. Set-up's easier than ever with a friendly new installation menu.

*Actual hours may vary depending on usage environment.

Features

- **Very high image quality with Sony's advanced BrightEra 3LCD projection engine and Z-Phosphor laser light source**

  The Z-Phosphor laser light source is coupled with Sony's acclaimed BrightEra 3LCD projection engine to ensure high 5000 lumen image brightness with vivid, natural colour reproduction.

- **Constant Brightness**

  Constant Bright maintains the same brightness throughout the 20,000 hours (at light output mode "Middle") hours recommended life span.

- **Advanced picture refinement technologies**

  Picture quality is boosted by advanced processing featured on Sony's home cinema projectors. Reality Creation uses a powerful pattern-matching database to optimise every pixel. Contrast Enhancer actively analyses and refines dark and light image areas for sparkling highlights and rich, deep blacks.

- **Crisp, detail-packed WUXGA resolution images**

  See fine detail in PC presentations, videos or multimedia signage with WUXGA (1920 x 1200) 16:10 resolution.

- **Up to 20,000 hours* operation with virtually no maintenance**

  The advanced laser light source offers up to 20,000 hours* operation without lamp exchange, reducing lifetime running costs compared with traditional projectors.
  *Actual hours may vary depending on usage environment.

- **Hassle-free automatic filter cleaning**

  Focus on great-looking images instead of arduous maintenance tasks: new automated filter cleaning system removes dust every 100 hours.

- **Energy saving features**

  Reduce running costs even further with convenient energy-saving features: Picture Mute and Auto Dimming.

- **Save time with every presentation**

  Quick power On/Off dramatically cuts warm-up time after switch-on before you can start presenting at full brightness.

- **360° free-angle installation capability**

  Enjoy greater installation flexibility: position the projector freely at any angle – or its side or even upside down.

- **Supports HDBaseT**

  Simpler, more cost-effective installation and connectivity with digital transmission of HD video, audio and networking/control over a single Ethernet cable.

- **Quiet operation**

  Low fan noise ensures discreet, unobtrusive operation in quiet environments for academic and corporate use.

- **Slim, attractive blend-in design**

  The slim, stylish case design features a flat top surface that blends in discreetly when the projector is ceiling mounted.

- **Picture Mode**

  Picture Mode ensures great-looking pictures in any presentation conditions. Select Standard, Dynamic, or Brightness Priority mode for optimised image quality, with any source and in every room.

- **Simple set-up with friendly new Installation menu**

  Easily adjust projector settings with remote commander.

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Technical Specifications

Display system	
Display system	3 LCD system

Display device	
Size of effective display area	0.76" (19.3 mm) x 3 BrightEra LCD Panel, Aspect ratio: 16:10
Number of pixels	6,912,000 (1920 x 1200 x 3) pixels

Projection lens	
Focus	Manual
Zoom - Powered/Manual	Manual
Zoom - Ratio	x 1.45
Throw ratio	1.27:1 to 1.89:1
Lens shift - Powered/Manual	Manual
Lens shift - Range Vertical	+20%~+55%
Lens shift - Range Horizontal	+/- 10%

Light source	
Type	Laser diode

Filter cleaning / replacement cycle (Max.)	
Filter cleaning / replacement cycle (Max.)	20,000 H (service maintenance)

Light output	
Mode: Standard	5,000 lm
Mode: Middle	4,000 lm

Color light output	
Mode: Standard	5,000 lm
Mode: Middle	4,000 lm

Contrast ratio (full white / full black)	
Contrast ratio (full white / full black)	500,000:1

INPUT OUTPUT (Computer/Video/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, HDCP support Audio input connector: HDMI audio support
INPUT C	HDMI input connector: HDMI 19-pin, 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: BNC Audio input connector: Shared with INPUT A
OUTPUT	Audio output connector: Stereo mini jack

REMOTE	D-sub 9-pin (male) / RS232C
LAN	RJ45, 100BASE-TX (Shared with INPUT D)
USB	TYPE-A
USB	TYPE-B

Supplied accessories	
Remote commander	RM-PJ8

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