

Sony Projector - VPL-PWZ10



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 WXGA resolution images

See fine detail in PC presentations, videos or multimedia signage with WXGA (1280 x 800) 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.

Specifications

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

3,072,000 (1280 x 800 x 3) pixels

Projection lens**Focus**

Manual

Zoom - Powered/Manual

Manual

Zoom - Ratio

Approx. x 1.45

Throw ratio

1.28:1 to 1.88:1

Lens shift - Powered/Manual

Manual

Lens shift - Range Vertical

+20% to +55%

Lens shift - Range Horizontal

+/- 10%

Light source**Type**

Laser diode

Filter cleaning / replacement cycle (Max.)

20,000 H (service maintenance)

Screen size

40" to 300" (1.02 m to 7.62 m)

Light output

Mode: Standard

5,000 lm

Color light output

Mode: Standard

5,000 lm

Contrast ratio (full white / full black) *1

Contrast ratio (full white / full black)

500,000:1

Speaker

16 W (monaural)

Displayable scanning frequency

Horizontal

15 kHz to 92 kHz

Vertical

48 Hz to 92 Hz

Display resolution

Computer signal input

Maximum display resolution: 1920 x 1200 dots *2

Video signal input

NTSC, PAL, SECAM, 480/60p, 576/50i, 720/60p, 720/50p, 1080/60i, 1080/50i

The following items are available for HDMI input only; 1080/60p, 1080/50p, 1080/24p

Color System

NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60

Keystone correction (Max.)

Horizontal

+/- 30 degrees

Vertical

+/- 20 degrees

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

Acoustic Noise

Lamp Mode: Standard / Middle / Low

36 dB / 28 dB / 25 dB

Operating temperature / Operating humidity

0° to 40°C (32°F to 104°F) / 20 % to 80 % (no condensation)

Storage temperature / Storage humidity

-10° to +60°C (14°F to 140°F) / 20 % to 80 % (no condensation)

Power requirements

AC 100 V to 240 V, 4.0 A to 1.6 A, 50 Hz / 60 Hz

Power Consumption

AC 100 V to 120 V

Mode: Standard: 399 W

AC 220 V to 240 V

Mode: Standard: 377 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

12.5 W (LAN)

13.2 W (optional WLAN module)

16.8 W (HDBaseT)

17.4 W (ALL Terminals and Networks Connected, when "Standby Mode" is set to "Standard")

AC 220 V to 240 V

11.9W (LAN)

12.6W (optional WLAN module)

17.0W (HDBaseT)

17.6W (ALL Terminals and Networks Connected, when "Standby Mode" is set to "Standard")

Standby Mode / Networked Standby Mode Activated

Approx. 2 Minutes

Heat dissipation

AC 100 V to 120 V

1361 BTU/h

AC 220 V to 240 V

1286 BTU/h

Dimensions (W x H x D) (without protrusions)

510 x 113 x 354.6 mm (20 3/32 x 4 7/16 x 13 31/32 inches)

Mass

Approx. 8.7kg (19 lb)

Supplied accessories

Remote commander

RM-PJ8