

VPL-DW122

2,600 lumens WXGA Desktop projector



Overview

Economical desktop projector for office and classroom, offering basic high performance and superior ease of use

The VPL-DW122 is packed with features optimised for the business and education markets at a reasonable price. The projector is compact and lightweight, with its simple design making it very easy to set up.

Sony 3LCD BrightEra™ panel technology provides bright and colourful projection. Plenty of interfaces allow easy connection, while a choice of Picture Modes optimises viewing with any source – slide presentations, PC documents, pictures or videos. There's a range of smart energy-saving features built in, including auto power saving function. And with a recommended lamp replacement time of 10,000 hours, downtime and maintenance costs are minimised.

Features

Compact, lightweight and stylish design

The VPL-DW122 has a compact and lightweight body with a small footprint of approximately 315 x 75 x 230.5 mm (12 13/32 x 2 15/16 x 9 1/16 inches) and a light weight of approximately 2.5 kg (5.4 lb). This compact, lightweight projector is convenient for carrying around a

meeting room or classroom.

Energy efficient with long-lasting lamp of 10,000 hours

The lamp driver optimally controls the wattage of the lamp and achieves a long-lasting lamp time of 10,000* hours. The recommended lamp replacement time is extended by 43%, compared to the previous model.

*Lamp mode: low, Complies with IEC61947 standard.

Advanced energy-saving features

Advanced lamp technology enables robust energy-saving features. For example, greater brightness control in Auto Light Dimming mode saves considerable energy when the projector is left on without being used. During projection, Auto Lamp Mode automatically adjusts light output to suit the projected scene. When you need to mute the picture temporarily, light output can be completely deactivated to minimise energy consumption.

High image quality 3LCD BrightEra™ natural and vivid colour images

Widescreen WXGA (1280 x 800) 16:10 screen resolution, 3LCD BrightEra™ natural and vivid colour images, plus various Picture Modes for optimising image quality, make the projector one of the best in its class. Thanks to the optical system projecting three basic colours constantly, the projector offers excellent light efficiency, ensuring colourful and bright images. Sony's BrightEra™ panels deliver improved panel light resistance, higher resolution, high brightness and increased panel reliability. High colour reproducibility is important especially when using colourful content, such as materials used in classrooms.

Various picture modes for optimal picture quality

The projector has six available picture modes for correct

picture quality: Dynamic, Standard, Presentation, Blackboard, Game, and Cinema. With six picture modes and three brightness modes combined, the user can select the most suitable picture / brightness combination according to the picture source and environment, to create the optimal image.

Specifications

Display System

Display System	3 LCD system
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Display device

Size of effective display area	0.59" (15 mm) x 3 BrightEra LCD Panel, Aspect ratio: 16:10
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Number of pixels	3,072,000 (1280x800 x 3) pixels
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Projection lens

Focus	Manual
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Zoom - Powered/Manual	Manual
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Zoom - Ratio	Approx. x1.3
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Throw Ratio	1.36:1 to 1.77:1
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Light source

Ultra high pressure mercury

Type	lamp
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Wattage	210 W type
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Recommended lamp replacement time*1

Lamp mode: High	3000 H
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Lamp mode: Standard	5000 H
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Lamp mode: Low	10000 H
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Filter cleaning / replacement cycle (Max.)*1

Filter cleaning / replacement cycle (Max.)	1000 H (Cleaning)
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Screen size

Screen size	30" to 300" (0.76 m to 7.62 m)(measured diagonally)
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Light output

Lamp mode: High	2600 lm
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Lamp mode: Standard	1900 lm
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Lamp mode: Low	1500 lm
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Color light output

Lamp mode: High 2600 lm

Lamp mode:
Standard 1900 lm

Lamp mode: Low 1500 lm

Contrast ratio (full white / full black)*2

Contrast ratio (full
white / full black) 3000:1

Speaker

Speaker 1 W x 1 (monaural)

Displayable scanning frequency

Horizontal 19 kHz to 92 kHz

Vertical 48 Hz to 92 Hz

Display resolution

Computer signal input Maximum display resolution:
UXGA 1600 x 1200 dots*3

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 digital signal

(HDMI input) only; 1080/60P,
1080/50p

Color system

Color system NTSC3.58, PAL, SECAM,
NTSC4.43, PAL-M, PAL-N

Keystone correction (Max.)

Vertical +/- 30 degrees

OSD language

OSD language 23-language (English, French,
German, Italian, Spanish,
Portuguese, Japanese,
Simplified Chinese, Traditional
Chinese, Korean, Russian,
Dutch, Norwegian, Swedish,
Thai, Arabic ,Turkish, Polish,
Vietnamese, Farsi, Finnish,
Indonesian, Hungarian)

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 (shared with VIDEO
IN)

INPUT B HDMI input connector: HDMI

19-pin, HDCP support

VIDEO IN

Video input connector: Pin jack
Audio input connector: Shared with INPUT A

Acoustic noise

Lamp mode: Low < 35 dB

Operating temperature / Operating humidity

Operating temperature / Operating humidity 0°C to 35°C (32°F to 95°F) / 20% to 80% (no condensation)

Storage temperature / Storage humidity

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

Power requirements

Power requirements AC 100 V to 240 V, 2.9 A to 1.2 A, 50 Hz / 60 Hz

Power consumption

AC 100 V to 120 V Lamp mode: High: 288 W

AC 220 V to 240 V Lamp mode: High: 275 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”)

Heat dissipation

AC 100 V to 120 V	980 BTU/h
AC 220 V to 240 V	936 BTU/h

Dimensions (W x H x D)

Dimensions (W x H x D) (without protrusions)	Approx. 315 x 75 x 230.5 mm (12 13/32 X 2 15/16 X 9 1/16 inches)
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Mass

Mass	Approx. 2.5 kg (5.5 lb)
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Supplied accessories

Remote commander	RM-PJ8
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Optional Accessories

LMP-D213

Optional Lamp

Notes

*1	This figure is expected maintenance time, not guaranteed time. The actual value depends on the environment and how the projector is used.
*2	The value is average.
*3	Available for VESA Reduced Blanking signal.
Environmental notice for customers in the USA	Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or see www.sony.com/mercury for additional information.

Gallery

