SONY

VPL-DX102

2,300 lumens XGA Desktop projector

Overview

Economical desktop projector for office and classroom, offering high performance and superior ease of use
The VPL-DX102 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.

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Features

- **Compact, lightweight and stylish design**

  The VPL-DX102 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**

  XGA (1024 x 768) 4:3 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.

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Technical Specifications

Display System

● Display System	3 LCD system

Display device

● Size of effective display area	0.63" (16 mm) x 3 BrightEra LCD Panel, Aspect ratio: 4:3
● Number of pixels	2,359,296 (1024x768 x 3) pixels

Projection lens

● Focus	Manual
● Zoom - Powered/Manual	Manual
● Zoom - Ratio	Approx. x 1.2
● Throw Ratio	1.47:1 to 1.77:1

Light source

● Type	Ultra high pressure mercury lamp
● Wattage	210 W type

Recommended lamp replacement time *1

● Lamp mode: High	3000 H
● Lamp mode: Standard	5000 H
● Lamp mode: Low	10000 H

Filter cleaning / replacement cycle (Max.) *1

● Filter cleaning / replacement cycle (Max.)	1000 H (cleaning)

Screen size

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

Light output

● Lamp mode: High	2300 lm
● Lamp mode: Standard	1800 lm
● Lamp mode: Low	1500 lm

Color light output

● Lamp mode: High	2300 lm
● Lamp mode: Standard	1800 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: 282 W
● AC 220 V to 240 V	Lamp mode: High: 271 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	960 BTU/h

● AC 220 V to 240 V	922 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)

Mass

● Mass	Approx. 2.5 kg (5.5 lb)

Supplied accessories

● Remote commander	RM-PJ8

Optional Accessories

● Optional Lamp	LMP-D213

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.

Accessories

Lamps

LMP-D213

Replacement Lamp for the
VPL-D100 Series