SONY

VPL-DX147

3,200 lumens XGA Desktop projector

Overview

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

The VPL-DX147 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-DX147 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 2.6 kg (5.8 lb). This compact, lightweight projector is convenient for carrying around a meeting room or classroom.

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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 XGA (1280 x 800) 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.

Network presentation (LAN)

When the projector is installed in a LAN, presentations can be projected from any PC and Mac on the network. A tablet or smartphone can be connected at the same time. You can project jpg, pdf and other supported formats. Up to four users can project PC/Mac images simultaneously, while up to eight users can connect to one projector. For PC/Mac, an application, Projector Station for Network Presentation, is provided. For a tablet/smartphone, an application is provided by Pixelworks, downloaded from the web. For details, please visit: http://PWPresenter.pixelworks.com

Remote control for iOS device

Projector Remote is a simple remote control application for Sony's projectors. Networked projectors can be controlled by this remote application. Remote Control allows you to operate the projector with simple and easy-to-read buttons.

USB display

The projector allows you to display pictures and audio* with one USB cable. You do not need to install any driver for this function. It is a convenient way to connect to the projector when you want to connect easily.

* There is a time lag in video and audio. When not in simple use, it is recommended to use Line-in or HDMI-in.

Input name customisation

It is possible to customise the input names that appear in the input menu on screen. It allows users to understand clearly what equipment is connected.

Specifications

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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 1.3
Throw Ratio	1.37:1 to 1.80:1

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	3200 lm
Lamp mode: Standard	2300 lm
Lamp mode: Low	2000 lm

Color light output

Lamp mode: High	3200 lm
Lamp mode: Standard	2300 lm
Lamp mode: Low	2000 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

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

Keystone correction (Max.)

Vertical	+/- 30 degrees

OSD language

OSD language	24-languages (English, Dutch, French, Italian, German, Spanish, Portuguese, Turkish, Polish, Russian, Swedish, Norwegian, Japanese, Simplified Chinese, Traditional Chinese, Korean, Thai, Vietnamese, Arabic, Farsi, Finnish, Indonesian, Hungarian, Greek)

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 input connector: Pin jack

VIDEO IN	Audio input connector: Shared with INPUT A
LAN	RJ-45, 10BASE-T/100BASE-TX
USB	Type-A
USB	Type-B

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, 3.0 A to 1.2 A, 50 Hz / 60 Hz

Power consumption

AC 100 V to 120 V	Lamp mode: High: 298 W
AC 220 V to 240 V	Lamp mode: High: 286 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	5.3 W (LAN) 5.9 W (optional WLAN module) 6.1 W (All Terminals and Networks Connected) (when "Standby Mode" is set to "Standard")
AC 220 V to 240 V 5.3 W (LAN)	5.3 W (LAN) 5.9 W (optional WLAN module) 6.1 W (All Terminals and Networks Connected) (when "Standby Mode" is set to "Standard")

Standby Mode / Networked Standby Mode Activated

Standby Mode / Networked Standby Mode Activated	After about 10 Minutes

Wireless Network(s) On/Off Switch

Wireless Network(s) On/Off Switch	1) Press the MENU button, then select [Connection/Power] 2) [WLAN Settings] 3) [WLAN Connection] 4) Select On or Off

Heat dissipation

AC 100 V to 120 V	1014 BTU/h
AC 220 V to 240 V	973 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. 2.6 kg (5.8 lb)

Supplied accessories

Remote commander	RM-PJ8
Wireless LAN Module	IFU-WLM3

Optional Accessories

Optional Lamp	LMP-D213
Wireless LAN Module	IFU-WLM3

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.
	Lamp in this product contains mercury. Disposal of these materials may be regulated due to

Environmental notice for customers in the USA

environmental considerations. For disposal or recycling information, please contact your local authorities or see www.sony.com/mercury for additional information.

Gallery