VPL-DW241

3,100 lumens WXGA desktop projector

Overview

Bright, efficient, easy-to-use projector for classrooms and meeting rooms: with excellent picture quality and low ownership costs.

The VPL-DW241 WXGA projector is a cost-effective yet fully-featured choice for clear, bright presentations in offices, smaller meeting rooms and school classrooms. Light, compact and energy efficient, it's easy to set up and connect with other devices.

Powerful 3,100 lumens colour light output with 3LCD BrightEra™ panel technology ensures finely detailed WXGA resolution images that are always seen clearly, even in brightly-lit rooms.

Easy connections are enhanced with dual HDMI ports, plus a 5V USB supply to power PC sticks and smart dongles. Auto Start gets you presenting faster, while Quick Power Off saves time when you're hurrying to the next meeting. Another presenter-friendly feature of presentation timer reminds speakers not to outstay their welcome.

Running costs are kept down by clever energy-saving features. Simplified maintenance and an extra-long lamp replacement time of up to 10,000 hours helps reduce downtime in busy classrooms and offices.

Features

Light, compact and stylish

Weighing less than 3kg, the space-saving VPL-DW241 is easy to carry between meeting rooms or classrooms.

Bright, clear images with maximum 3,100 lumens colour light output

The projector's high light output ensures that presentations are seen clearly in any classroom or meeting room.

WXGA resolution for impressively detailed presentations

WXGA (1280 x 800) resolution gives lots of fine detail: useful for making presentations direct from a laptop or tablet.

3LCD BrightEra™ technology

The efficient 3LCD panel system is enhanced by advanced BrightEra™ technology by Sony. You'll see the difference with impressively consistent, high resolution images and excellent reliability.

Picture modes

There's a choice of picture modes to fine-tune your image with any kind of content - including Vivid mode for brighter-looking pictures that really stand out with more powerful, high-impact colour.

Gamma adjustment

Gamma curve adjustment offers three settings for accurate tonal reproduction with rich, punchy colours and clear, easy-to-read text.

Versatile connection to smart devices

Two HDMI ports and a USB power supply port (5V 2A max) simplify connection with laptops plus other devices like 'stick' computers and smart dongles.

Simple screen mirroring

Add a Miracast-compatible dongle (not included) and project wirelessly from laptops, tablets and smartphones.

Get presenting faster

Auto Start detects signals from a connected HDMI or VGA source, turning on the projector so you're all ready to start presenting.

Switch off and go

Quick Power Off shortens cool-down time to just 10 seconds after switch-off at the end of a presentation - saving time when you're in a hurry to the next meeting.

Presentation timer

Speakers can keep an eye on their allocated presentation time, with a count-up or count-down timer in a corner of the screen.

Up to 10,000 hours long-lasting lamp

The energy-efficient lamp driver contributes to lower operating costs and an exceptional lamp replacement interval of up to 10,000 hours (in Low brightness mode).

Reduced ownership costs

There's a range of energy-saving features to drive down total ownership costs. Auto Mode adjusts lamp brightness depending on picture content. Lamp Dimming progressively reduces brightness if no input's detected, or after a preset time. Touching the Blank button on the projector remote instantly mutes the picture when it's not needed.

Audio out

Audio terminals allow direct connection of active speakers (not included) to suit the needs of any room.

Easy access, simple maintenance

Lamp access on the top panel of the projector simplifies lamp replacement, whether the projector's ceiling- or table-mounted. There's also a sliding air filter and detachable dust cover, for easy

maintenance without having to remove the projector from its ceiling mount.

Settings lock for greater security
Prevent unwanted changes to projector settings.

Specifications

Display System

Display System	3 LCD system

Display device

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

Projection lens

Focus	Manual
Zoom - Powered/Manual	Manual
Zoom - Ratio	Approx. x 1.3
Throw Ratio	1.36 to 1.77

Light source

Type	Ultra high pressure mercury lamp
Wattage	215 W type

Recommended lamp replacement time *1

Lamp mode: High	3,000 H
Lamp mode: Standard	5000 H
Lamp mode: Low	10000 H

Filter cleaning cycle (Max.)

Filter cleaning cycle (Max.)	1000 H

Screen size

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

Light output *2

Lamp mode: High	3100lm
Lamp mode: Standard	2100 lm
Lamp mode: Low	1800 lm

Color light output *2

Lamp mode: High	3100lm
Lamp mode: Standard	2100 lm
Lamp mode: Low	1800 lm

Contrast ratio (full white / full black) *3

Contrast ratio (full white / full black) *3	4000:1

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
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.) *4

Vertical	+/- 30 degrees

OSD language

OSD language	23-languages (English, French, German, Italian, Spanish, Portuguese, Japanese, Simplified Chinese, Traditional Chinese, Korean, Russian, Thai, Arabic ,Turkish, Polish, Vietonamese, Farsi, Indonesian, Hungary, Greek, Czech, Slovak, Romania)

Computer and video signal input/output

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
VIDEO IN	Video input connector: Phono jack
OUTPUT	Audio output connector: Stereo mini jack

Speaker

Speaker	1 W x 1 (monaural)

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

	AC100 V to 240 V, 3.0 A to 1.2 A, 50

Power requirements	Hz / 60 Hz

Power consumption

AC 100 V to 120 V	Lamp mode: High: 304 W
AC 220 V to 240 V	Lamp mode: High: 283 W

Power consumption (Standby Mode)

AC 100 V to 120 V	0.50 W (when "Standby mode" is set to "Low")
AC 220 V to 240 V	0.50 W (when "Standby mode" is set to "Low")

Heat dissipation

AC 100 V to 120 V	1037 BTU/h
AC 220 V to 240 V	982 BTU/h

Dimensions (W x H x D)

Dimensions (W x H x D) (without protrusions)	325.1 x 79.8 x 230.5 mm (12 13/16 x 3 5/32 x 9 1/16 inches)

Mass

Mass	Approx. 2.7kg (5.9 lb)

Supplied accessories

Remote commander	RM-PJ8

Replacement lamp

Replacement lamp	LMP-D214

Notes

*1	The values are estimate.
*2	The figures are approximate. They vary depending on the environment or how the projector is used.
*3	This value is average with lamp dimming.
*4	The picture quality may deteriorate when the V Keystone function is used for it is an electrical correction.
	Lamp in this product contains mercury. Disposal of these materials may be regulated due to

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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.

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