

VPL-DW240

3,000 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-DW240 WXGA projector is a cost-effective yet fully-featured choice for clear, bright presentations in offices, meeting rooms and school classrooms. Light, compact and energy efficient, it's easy to set up and connect with other devices.

Powerful 3,000 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 in a hurry to the next meeting. Other presenter-friendly features include grid line templates for neater written notes on a whiteboard, plus a timer that 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-DW240 is easy to carry between meeting rooms or classrooms.

Bright, clear images with maximum 3,000 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 seven picture modes to fine-tune your image with any kind of content - including new 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, easy to use connectivity

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 lamp 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.

Make neater notes

Pick from a choice of superimposed grid and ruled line templates to make neat handwriting and drawing easier when you're projecting onto a white board.

Up to 10,000 hours long-lasting lamp

The energy-efficient lamp driver contributes to 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.

Choice of setting locks

As well as full lock mode, an additional mode allows temporary adjustment of picture settings: original settings are restored when the projector's restarted.

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 Aspect ratio: 16:10
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Number of pixels	3,072,000 (1280 x 800 x 3) pixels
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Projection lens

Zoom	Optical: Manual (Approx. x 1.3)
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Focus	Manual
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Throw ratio	1.36:1 to 1.77:1
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Light source

Type	Ultra high pressure mercury lamp 215 W
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Recommended lamp replacement time *1

Lamp mode: High / Standard / Low	3000 H / 5000 H / 10000 H
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Filter cleaning cycle*1

Filter cleaning cycle	Max. 1000 H
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Screen size

Screen size	30" to 300" (0.76 m to 7.62 m)
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Light output *2

Lamp mode: High / Standard / Low	3000 lm / 2200 lm / 1900 lm
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Color light output *2

Lamp mode: High / Standard / Low 3000 lm / 2200 lm / 1900 lm

Contrast ratio (full white / full black) *3

Contrast ratio (full white / full black) 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*4
Panel display resolution: 1280 x 800 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
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Keystone correction

Keystone correction	Max. Vertical: +/- 30 degrees
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OSD language

OSD language	27-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, Czech, Slovak, Romanian)
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Computer and video signal input/output

INPUT A	RGB / Y PB PR input connector: Mini D-sub 15-pin (female)
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INPUT B	HDMI input connector: HDMI 19-pin, HDCP support, audio support
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INPUT C*5	HDMI input connector: HDMI 19-
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pin, HDCP support, audio support

VIDEO IN Video input connector: Phono jack

OUTPUT Audio output connector: Stereo mini jack

Power Supply

Power Supply 5V 2A (USB Type-A)

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)

Outside dimensions*3

W 325.1 x H 79.8 x D 230.5 mm (W 12

Outside dimensions 13/16 x H 3 5/32 x D 9 1/16 inches)
(without protrusions)

Mass*3

Mass 2.7 kg / 5.9 lb

Supplied accessories

AC 100 V to 120 V RM-PJ8 Remote Commander (1),
Lithium battery: CR2025 (1), AC
Power Cord (1), Operating
Instructions (CDROM) (1), Quick
Reference Manual (1), Mini D-sub
15-pin cable (1), Lens cap (1),
Carrying case (1)

Replacement lamp

Replacement lamp LMP-D214

Notes

*1 The figures are the expected maintenance time and not guaranteed. They will depend on the environment or how the projector is used.

*2 The values are estimate.

*3 This value is average.

*4 Available for the VESA Reduced Blanking signal.

*5 Maximum resolution of the INPUT C terminal is up to 720p.

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

