

## VPL-DX241

3,300 lumens XGA desktop projector



### Overview

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

The VPL-DX241 XGA 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 3,300 lumens colour light output with 3LCD BrightEra™ panel technology ensures crisply detailed XGA 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-DX241 is easy to carry between meeting rooms or classrooms.

### **Bright, clear images with maximum 3,300 lumens colour light output**

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

### **XGA resolution for crisp presentations**

XGA (1024 x 768) 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
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### Display device

Size of effective display area	0.63"(16mm) x 3, Aspect ratio: 4:3
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Number of pixels	2,359,296 (1024x768 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. x 1.3
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Throw Ratio	1.37 to 1.80
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### Light source

Type	Ultra high pressure mercury lamp
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Wattage	215 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 cycle (Max.)

Filter cleaning cycle (Max.)	1000 H
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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 \*2

Lamp mode: High	3300 lm
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Lamp mode: Standard	2300 lm
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Lamp mode: Low	1900 lm
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## Color light output \*2

Lamp mode: High            3300 lm

Lamp mode: Standard    2300 lm

Lamp mode: Low            1900 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

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## Color system

Color system	NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N
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## Keystone correction (Max) \*4

Vertical	+/- 30 degrees
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## 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)
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## 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
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INPUT B	HDMI input connector: HDMI 19-
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	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)
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## Operating temperature / Operating humidity

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

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

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



Power requirements      Hz / 60 Hz

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## Power consumption

AC 100 V to 120 V      Lamp mode: High: 284 W

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AC 220 V to 240 V      Lamp mode: High: 269 W

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## Power consumption (Standby Mode)

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

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

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## Heat dissipation

AC 100 V to 120 V      968 BTU/h

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AC 220 V to 240 V      914 BTU/h

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## Dimensions (W x H x D)

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

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## Mass



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](http://www.sony.com/mercury) for  
additional information.

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## Gallery

