

## VPL-DX221

2,800 lumens XGA desktop projector



### Overview

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

The VPL-DX221 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.

2,800 lumens colour light output with 3LCD BrightEra™ panel technology ensures crisply detailed XGA resolution images that are always seen clearly, even in daylight rooms.

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-DX221 is easy to carry between meeting rooms or classrooms.

### **Bright, clear images with maximum 2,800 lumens colour light output**

The projector's generous light output ensures that presentations are seen clearly in classrooms and meeting rooms.

### **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.

### **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 | 0.63"(16mm) x 3, Aspect ratio: 4:3 |
|--------------------------------|------------------------------------|

|                  |                                 |
|------------------|---------------------------------|
| Number of pixels | 2,359,296 (1024x768 x 3) pixels |
|------------------|---------------------------------|

### Projection lens

|       |        |
|-------|--------|
| Focus | Manual |
|-------|--------|

|                          |        |
|--------------------------|--------|
| Zoom -<br>Powered/Manual | Manual |
|--------------------------|--------|

|              |               |
|--------------|---------------|
| Zoom - Ratio | Approx. x 1.2 |
|--------------|---------------|

|             |              |
|-------------|--------------|
| Throw Ratio | 1.47 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: High 5,000 H

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Lamp mode: Standard 5,000 H

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Lamp mode: Low 10,000 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 2800 lm

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Lamp mode: Standard 1900 lm

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Lamp mode: Low 1600 lm

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## Color light output \*2

Lamp mode: High 2800 lm

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Lamp mode: Standard 1900 lm

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Lamp mode: Low 1600 lm

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## 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<br>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:<br>Mini D-sub 15 pin female Audio<br>input connector: Stereo mini jack |
| INPUT B  | HDMI input connector: HDMI 19-<br>pin, HDCP support, Audio input<br>connector: HDMI audio support     |
| VIDEO IN | Video input connector: Phono jack   |
| OUTPUT   | Audio output connector: Stereo<br>mini jack   |

## Speaker

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|         |                    |
|---------|--------------------|
| Speaker | 1 W x 1 (monaural) |
|---------|--------------------|

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## Operating temperature / Operating humidity

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

|                    |  |
|--------------------|--|
| Power requirements | AC 100 V to 240 V, 2.9 A to 1.1 A, 50 Hz / 60 Hz |
|--------------------|--|

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## Power consumption

|                   |                        |
|-------------------|------------------------|
| AC 100 V to 120 V | Lamp mode: High: 293 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

998 BTU/h

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AC 220 V to 240 V

938 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 3 5/32 x 9 1/16 inches)  
(without protrusions)

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## Mass

Mass

Approx. 2.7kg (5.9 lb)

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## Supplied accessories

Remote commander

RM-PJ8

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## Replacement lamp

Replacement lamp

LMP-D214

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## Notes

\*1 The values are estimate.

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\*2 The figures are approximate. They vary depending on the environment or how the projector is used.

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\*3 This value is average with lamp dimming.

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\*4 The picture quality may deteriorate when the V Keystone function is used for it is an electrical correction.

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

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## Gallery

