SONY

# VPL-DX220

**2,700 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-DX220 XGA 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.

2,700 lumens colour light output with 3LCD technology ensures crisply detailed XGA resolution images that are always seen clearly, even in brightly-lit rooms.

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 a long lamp replacement time of up to 6,000 hours helps reduce downtime in busy classrooms and offices.

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## Features

- **Light, compact and stylish**

  Weighing less than 3kg, the space-saving VPL-DX220 is easy to carry between meeting rooms or classrooms.

- **Bright, clear images with maximum 2,700 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 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.

- **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 6,000 hours long-lasting lamp**

  The energy-efficient lamp driver contributes to an impressive lamp replacement interval of up to 6,000 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.

## Technical Specifications

| | |
|---|---|
| **Display System** | |
| Display System | 3 LCD system |
| **Display device** | |
| Size of effective display area | 0.63"(16mm) x 3<br>Aspect ratio: 4:3 |
| Number of pixels | 2,359,296 (1024x768 x 3) pixels |
| **Projection lens** | |
| Zoom | Optical: Manual (Approx. x 1.2) |
| Focus | Manual |
| Throw Ratio | 1.47:1 to 1.77:1 |
| **Light source** | |
| Type | Ultra high pressure mercury lamp 215 W |
| **Recommended lamp replacement time *1** | |
| Lamp mode: High / Standard / Low | 3000 H / 5000 H / 6000 H |
| **Filter cleaning cycle*1** | |
| Filter cleaning cycle | Max. 1000 H |
| **Screen size** | |
| Screen size | 30" to 300" (0.76 m to 7.62 m) |
| **Light output*2** | |
| Lamp mode: High / Standard / Low | 2700 lm / 2000 lm / 1700 lm |
| **Color light output*2** | |
| Lamp mode: High / Standard / Low | 2700 lm / 2000 lm / 1700 lm |
| **Contrast ratio (full white / full black)*3** | |
| Contrast ratio (full white / full black) | 3000:1 |
| **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<br>Panel display resolution: 1024 x 768 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** | |

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|---|---|
| Keystone correction | Max. Vertical: +/- 30 degrees |

**OSD language**

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|---|---|
| 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) |

**Computer and video signal input/output**

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|---|---|
| INPUT A | RGB / Y PB PR input connector: Mini D-sub 15-pin (female) |
| INPUT B | HDMI input connector: HDMI 19-pin, HDCP support, audio support |
| VIDEO IN | Video input connector: Phono jack |
| OUTPUT | Audio output connector: Stereo mini jack |

**Speaker**

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

**Operating temperature (Operating humidity)**

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|---|---|
| Operating temperature (Operating humidity) | 0°C to 35°C / 32°F to 95°F (20% to 80%; no condensation) |

**Storage temperature (Storage humidity)**

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

**Outside dimensions*3**

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

**Mass*3**

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|---|---|
| Mass | 2.7 kg / 5.9 lb |

**Supplied accessories**

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|---|---|
| Supplied accessories | 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 | LMP-D214 |

**Notes**

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|---|---|
| *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. |

## Accessories

### Lamps

**LMP-D214**

Replacement Lamp for the VPL-D200 Series

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