

VPL-EX315

3,800 lumens XGA high
brightness compact projector



Overview

Present clear, bright images in larger rooms, plus flexible connectivity and low running costs

The VPL-EX315 projector is ideal for mid-sized and larger classrooms and meeting rooms.

Quiet, compact and powerful, it delivers bright, detailed XGA resolution images with 3,800 colour light output that can be seen clearly even in bright rooms, with Sony's 3LCD technology assuring natural, vivid colours.

The VPL-EX315 is an ideal partner for today's integrated AV/IT environments, expanding your connectivity options with dual HDMI ports and Direct USB Display connection. A convenient input label function makes life simpler, confirming on screen the name of connected devices.

Add the VPL-EX315 to a network and see presentations from up to four connected PC/Mac computers simultaneously. Slip in an optional Wi-Fi dongle and present directly wirelessly from laptops, phones or tablets. Control the projector remotely with a free app for smartphones and tablets. You don't even need to bring a PC to meetings - just slip in a USB thumb drive and start presenting.

A range of energy-saving features and long-lasting lamp life contribute to low ownership costs. Maintenance is simplified by a new rear lamp access feature.

Features

Bright, clear images with maximum 3,800 lumens colour light output

With a 3,800 lumen maximum light output (in high mode), the VPL-EX315 delivers crisp, bright presentations that can be seen clearly in larger classrooms or meeting rooms. There's a choice of three brightness modes to suit any environment, from bright daylight to darkened rooms.

3LCD BrightEra™ technology

The efficient 3LCD panel system is enhanced by advanced BrightEra™ technology for impressively bright, consistent, high resolution images with excellent colour accuracy and impressive reliability.

XGA resolution

XGA (1024 x 768) 4:3 display resolution gives plenty of crisp detail: ideal for making presentations direct from a laptop, mobile device or DVD player.

Powerful 16W audio

The powerful built-in 16W speaker (mono) lets your audiences hear video soundtracks with no need for additional amplification.

Energy efficient with long-lasting lamp life up to 10,000 hours

High-performance lamp technology offers reduced ownership costs plus reduced maintenance, with a long-lasting lamp replacement time of approx. 10,000 hours (with brightness in low mode).

Advanced energy-saving features

Advanced lamp technology enables a range of energy-saving features. Auto Light Dimming mode saves energy when the projector is left on without being used. Auto Picture Mode automatically adjusts light output to suit the projected scene. Touching a button on the remote mutes the picture temporarily, dramatically reducing power consumption.

Quick go

Don't waste time when you're in a hurry to leave the room: turn off the projector and unplug immediately, with no lengthy waiting for cool-down.

Networked presentations

Project presentations from a networked PC or Mac. Present JPEG, PDF and other files wirelessly from a tablet or smartphone. Up to four users can project PC/Mac images simultaneously, while up to eight users can connect to one projector. The Projector Station for Network Presentation application for Windows/Mac is included. For tablet/smartphone use, an application is provided by Pixelworks, downloaded from the web. For details visit <http://PWPresenter.pixelworks.com>

Control and management from any networked PC

Projector functions and status can be managed and monitored remotely from any networked PC, using the included Projector Station for Network Control application.

Present wirelessly

Make presentations wirelessly from a portable or handheld device. (Microsoft Windows / Macintosh OS requires Projector Station for Network Presentation application. iOS / Android requires VueMagic application.)

Remote Control app for iOS/Android

Download the free Projector Remote app and control the projector from anywhere in the room with your handheld device, with simple easy-to-read buttons on your phone or tablet screen.

USB media viewer

Slip in a USB drive and display photos, images and graphics with no PC needed.

Dual HDMI inputs

Two HDMI input terminals make it easy to connect HDMI-equipped devices like PCs and media streaming devices.

USB Display function for easy one-cable PC connection

Present pictures and audio* from a connected PC or Mac with just one USB cable - you don't even need to install a software driver.

* There may be a time lag between video and audio. For low-latency applications it is recommended to use projector's line-in or HDMI-in connection.

Customised input naming labels

Define your own input labels like 'BD Player', 'PC' and 'Document Camera', making it easier to see on screen what devices are connected and being used.

Easier maintenance

Lamp access has been shifted to the rear of the projector body, making lamp swaps simpler when the projector is hanging from a ceiling mount.

Quiet operation

Low fan noise ensures discreet, unobtrusive operation in classrooms and meeting rooms.

Specifications

Display System

Display System

3 LCD system

Display device

| | |
|--------------------------------|--|
| Size of effective display area | 0.63" (16 mm) x 3 BrightEra LCD Panel, Aspect ratio: 4:3 |
|--------------------------------|--|

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

Projection lens

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

| | |
|-----------------------|--------|
| Zoom - Powered/Manual | Manual |
|-----------------------|--------|

| | |
|--------------|---------------|
| Zoom - Ratio | Approx. x 1.6 |
|--------------|---------------|

| | |
|-------------|------------------|
| Throw Ratio | 1.40:1 to 2.27:1 |
|-------------|------------------|

Light source

| | |
|------|----------------------------------|
| Type | Ultra high pressure mercury lamp |
|------|----------------------------------|

| | |
|---------|------------|
| Wattage | 225 W type |
|---------|------------|

Recommended lamp replacement time *1

| | |
|-----------------|--------|
| Lamp mode: High | 4000 H |
|-----------------|--------|

| | |
|---------------------|--------|
| Lamp mode: Standard | 6000 H |
|---------------------|--------|

| | |
|----------------|---------|
| Lamp mode: Low | 10000 H |
|----------------|---------|

Filter cleaning / replacement cycle (Max.)

| | |
|--|----------|
| Filter cleaning / replacement cycle (Max.) | 10,000 H |
|--|----------|

Screen size

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

Light output

| | |
|-----------------|---------|
| Lamp mode: High | 3800 lm |
|-----------------|---------|

| | |
|---------------------------|---------|
| Lamp mode: Standard *2 | 3000 lm |
|---------------------------|---------|

| | |
|-------------------|---------|
| Lamp mode: Low *2 | 2500 lm |
|-------------------|---------|

Color light output

| | |
|-----------------|---------|
| Lamp mode: High | 3800 lm |
|-----------------|---------|

| | |
|---------------------------|---------|
| Lamp mode: Standard *2 | 3000 lm |
|---------------------------|---------|

| | |
|-------------------|---------|
| Lamp mode: Low *2 | 2500 lm |
|-------------------|---------|

Contrast ratio (full white / full black) *3

| | |
|--|--------|
| Contrast ratio (full white / full black) | 3300:1 |
|--|--------|

Speaker

| | |
|---------|-----------------|
| Speaker | 16 W (monaural) |
|---------|-----------------|

Displayable scanning frequency

| | |
|------------|------------------|
| Horizontal | 15 kHz to 92 kHz |
|------------|------------------|

| | |
|----------|----------------|
| Vertical | 48 Hz to 92 Hz |
|----------|----------------|

Display resolution

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|-----------------------|--|
| Computer signal input | Maiximum display resolution: 1600 x 1200 dots *4 |
|-----------------------|--|

| | |
|--------------------|--|
| Video signal input | NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 575/50p, 720/60p, 720/50p, 1080/60i, 1080/50i, 1080/60p, 1080/50p |
|--------------------|--|

Color system

| | |
|--------------|--|
| Color system | NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL-60 |
|--------------|--|

| | |
|---------------|---|
| INPUT C | HDMI input connector: HDMI 19-pin, HDCP support Audio input connector: HDMI audio support |
| INPUT D | HDMI input connector: HDMI 19-pin, HDCP support Audio input connector: HDMI audio support |
| S VIDEO IN | S Video input connector: Mini DIN 4-pin |
| VIDEO IN | Video input connector: Phono jack |
| OUTPUT | MONITOR output connector *5: Mini D-sub 15-pin (female) Audio output connector *6: Stereo mini |
| REMOTE | RS-232C connector: D-sub 9-pin (male) |
| LAN | RJ-45, 10BASE-T/100BASE-TX |
| USB | Type-A |
| USB | Type-B |
| MICROPHONE IN | Microphone input: Mini Jack |

Acoustic noise *5

Lamp mode: Low 29 dB

Operating temperature / Operating humidity

Operating temperature / 0°C to 40°C (32°F to 104°F) / 20-
Operating humidity 80% (no condensation)

Storage temperature / Storage humidity

Storage temperature / -10 °C to +60°C (-4°F to +140°F) /
Storage humidity 20% to 80% (no condensation)

Power requirements

Power requirements AC 100 V to 240 V, 3.2 A to 1.4 A, 50
Hz / 60 Hz

Power consumption

AC 100 V to 120 V Lamp mode: High: 314 W

AC 220 V to 240 V Lamp mode: High: 304 W

Power Consumption (Standby Mode)

AC 100 V to 120 V 0.5 W (when “Standby mode” is set
to “Low”)

| | |
|-------------------|---|
| AC 220 V to 240 V | 0.5 W (when “Standby mode” is set to “Low”) |
|-------------------|---|

Power Consumption (Networked Standby Mode)

| | |
|-------------------|---|
| | 5.3 W (LAN) |
| | 5.7 W (optional WLAN module) |
| AC 100 V to 120 V | 6.0 W (All Terminals and Networks Connected) (when "Standby Mode" is set to "Standard") |

| | |
|-------------------|---|
| | 5.5 W (LAN) |
| | 6.0 W (optional WLAN module) |
| AC 220 V to 240 V | 6.3 W (All Terminals and Networks Connected) (when "Standby Mode" is set to "Standard") |

Standby Mode/Network Standby Mode Activated

| | |
|---|--------------------|
| Standby Mode/Network Standby Mode Activated | Approx. 10 Minutes |
|---|--------------------|

Wireless Network(s) On/Off Switch

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|--------------------------------------|--|
| Wireless Network(s) On/Off Switch | 1) Press the MENU button, then select [Connection/Power] 2) [WLAN Settings] 3) [WLAN Connection] 4) Select On or Off |
|--------------------------------------|--|

Heat dissipation

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|-------------------|------------|
| AC 100 V to 120 V | 1071 BTU/h |
|-------------------|------------|

| | |
|-------------------|------------|
| AC 220 V to 240 V | 1037 BTU/h |
|-------------------|------------|

Dimensions (W x H x D)

| | |
|---|---|
| Dimensions (W x H x D) (without protrusions) | Aprox. 365 x 96.2 x 252 mm (14 3/8 X3 25/32 X9 29/32 ”) |
|---|---|

Mass

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|------|---------------------|
| Mass | Approx. 4 kg (8 lb) |
|------|---------------------|

Supplied accessories

| | |
|------------------|--------|
| Remote commander | RM-PJ8 |
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Optional Accessories

| | |
|---------------|----------|
| Optional Lamp | LMP-E221 |
|---------------|----------|

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 value are estimate. |
| *3 | The value is average. |
| *4 | Available for the VESA Reduced Blanking signal. |
| *5 | Not available in standby. From INPUT A and INPUT B. |
| *6 | Works as an audio switcher function. Output from a selected channel; not available in standby. |
| 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

