

## VPL-EW348

4,200 lumens WXGA high brightness compact projector with HDBaseT



### Overview

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

The VPL-EW348 projector is ideal for mid-sized and larger classrooms and meeting rooms.

Quiet, compact and powerful, it delivers bright, detail-packed WXGA images with 4,200 colour light output that can be seen clearly even in bright rooms, with Sony's 3LCD technology assuring natural, vivid colours.

The VPL-EW348 is an ideal partner for today's integrated AV/IT environments, expanding your connectivity options with HDBaseT, 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-EW348 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 4,200 lumens colour light output**

With a 4,200 lumen maximum light output (in high mode), the VPL-EW348 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.

### **WXGA resolution**

WXGA (1280 x 800) 16:10 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.

### **Supports HDBaseT**

Simpler, more cost-effective installation and connectivity with digital transmission of HD video, audio, power and networking/control over a single Ethernet cable.

### **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 | 0.75" (19 mm) x 3 BrightEra LCD Panel, Aspect ratio: 16:10 |
|--------------------------------|--|

|                  |                                 |
|------------------|---------------------------------|
| Number of pixels | 3,072,000 (1280x800 x 3) pixels |
|------------------|---------------------------------|

### Projection lens

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

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

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

|             |                  |
|-------------|------------------|
| Throw Ratio | 1.10:1 to 1.79:1 |
|-------------|------------------|

### 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)<br>(measured diagonally) |
|-------------|--|

### Light output

|                 |         |
|-----------------|---------|
| Lamp mode: High | 4200 lm |
|-----------------|---------|

|                        |         |
|------------------------|---------|
| Lamp mode: Standard *2 | 3200 lm |
|------------------------|---------|

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

## Color light output

|                 |         |
|-----------------|---------|
| Lamp mode: High | 4200 lm |
|-----------------|---------|

|                           |         |
|---------------------------|---------|
| Lamp mode:<br>Standard *2 | 3200 lm |
|---------------------------|---------|

|                      |         |
|----------------------|---------|
| Lamp mode: Low<br>*2 | 2500 lm |
|----------------------|---------|

## Contrast ratio (full white / full black) \*3

|   |        |
|---|--------|
| Contrast ratio (full<br>white / full black) | 3700:1 |
|---|--------|

## Speaker

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

## Displayable scanning frequency

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

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

## Display resolution

|                          |  |
|--------------------------|--|
| Computer signal<br>input | Maximum display resolution:<br>1600 x 1200 dots *4 |
|--------------------------|--|

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

## Color system

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

## Keystone correction (Max.) \*4

|          |               |
|----------|---------------|
| Vertical | +/-20 degrees |
|----------|---------------|

## OSD languages

|               |  |
|---------------|--|
| OSD languages | 27-languages (English, French, German, Italian, Spanish, Portuguese, Japanese, Simplified Chinese, Traditional Chinese, Korean, Russian, Dutch, Norwegian, Swedish, Thai, Arabic, Turkish, Polish, Vietnamese, Farsi, Finnish, Indonesian, Hungary, Greek, Czech, Slovakia, Romania) |
|---------------|--|

## INPUT OUTPUT (Computer/Video/Control)

|         |  |
|---------|--|
| INPUT A | RGB / Y PB PR input connector: Mini D-sub 15-pin (female)<br>Audio input connector: Stereo mini jack |
|---------|--|

|         |   |
|---------|---|
| INPUT B | RGB input connector: Mini D-sub 15-pin (female) |
|---------|---|



|               |   |
|---------------|---|
| INPUT B       | sub 15-pin (female)<br>Audio input connector: Stereo mini jack                                    |
| INPUT C       | HDMI input connector: HDMI 19-pin, HDCP support<br>Audio input connector: HDMI audio support      |
| INPUT D       | HDMI input connector: HDMI 19-pin, HDCP support<br>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)<br>Audio output connector *6: Stereo mini |
| REMOTE        | RS-232C connector: D-sub 9-pin (male)   |
| LAN           | RJ45,100BASE-TX (Shared with HDBaseT)   |
| USB           | Type-A  |
| USB           | Type-B  |
| MICROPHONE IN | Microphone input: Mini Jack   |

Acoustic noise \*5

Lamp mode: Low      29 dB

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## Operating temperature / Operating humidity

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

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## Storage temperature / Storage humidity

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

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## Power requirements

Power requirements      AC 100 V to 240 V, 3.5 A to 1.5 A, 50 Hz / 60 Hz

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## Power consumption

AC 100 V to 120 V      Lamp mode: High: 341 W

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AC 220 V to 240 V      Lamp mode: High: 329 W

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## Power Consumption (Standby Mode)

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

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

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## Power Consumption (Networked Standby Mode)

|                   |   |
|-------------------|---|
| AC 100 V to 120 V | 18.5 W (LAN)<br>14.0 W (optional WLAN module)<br>19.4 W (All Terminals and Networks Connected) (when "Standby Mode" is set to "Standard") |
| AC 220 V to 240 V | 25.3 W (LAN)<br>18.5 W (optional WLAN module)<br>26.3 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

|                                   |  |
|-----------------------------------|--|
| Wireless Network(s) On/Off Switch | 1) Press the MENU button, then select [Connection/Power]<br>2) [WLAN Settings] |
|-----------------------------------|--|

3) [WLAN Connection]  
4) Select On or Off

## Heat dissipation

AC 100 V to 120 V 1163 BTU/h

AC 220 V to 240 V 1122 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

Mass Approx. 4.1 kg (9 lb)

## Supplied accessories

Remote commander RM-PJ8

## Optional Accessories

Optional Lamp LMP-E221

Wireless LAN module IFU-WLM3

## 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 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 <a href="http://www.sony.com/mercury">www.sony.com/mercury</a> for additional information. |

## Gallery

