Advanced Portable Projectors

with High Brightness, Wireless Functions,*
and Abundant Features.
Advanced Portable Projectors for Versatile Use

Presenting the PT-VW430 Series with its brighter, crisper projection, and the PT-VW330 Series with its versatile eco functions. Wireless-ready models are also available in both series.

This wide-ranging line-up supports every situation — from business to education.

PT-VW430 SERIES

Superbly Bright Portables

Portable projectors with distinctively high brightness of 5,000 lm* and 4,000:1* contrast. The Daylight View Basic function produces easy-to-see images even in bright rooms, and the new Wireless Manager ME 6.0 enables high-speed wireless projection.**

* PT-VX505N/VX500: 5,000 lm, 4,000:1 contrast. PT-VW435N/VW430: 4,300 lm, 3,500:1 contrast. ** Wireless projection: PT-VW435N/VX505N only.

PT-VW330 SERIES

Compact and Eco-friendly


* Easy Setting and Wireless Projection: PT-VX400NT only.

*** Product numbers vary depending on the market. The general guideline is as follows:
The product number in South America and Taiwan is PT-VW435NU, VX400U, VX505NU and PT-VX500U. The product number in Europe (except the UK) and CIS is PT-VW435NE, VX400E, VX505NE and PT-VX500E. The product number in the UK, Asia (except Taiwan), Oceania, Middle East, and Africa is PT-VW435N/A, VX400N/A, VX505N/A and PT-VX500N/A.

** Product numbers vary depending on the market. The general guideline is as follows:
The product number in South America and Taiwan is PT-VW330U, VX400U, VX505U and PT-VX51U. The product number in Europe (except the UK) and CIS is PT-VW330E, VX400E, VX505E and PT-VX51E. The product number in the UK, Asia (except Taiwan), Oceania, Middle East, and Africa is PT-VW330EA, VX400NT/A, VX505NT/A and PT-VX51E.
Superb Performance in a Compact Body

A Highly Bright Portable with 5,000 lm/4,300 lm*1

The PT-VX505N/VX500 and PT-VW330/VX400NT/VX41 rank high in the portable projector category with their high brightness of 5,000 lm and 4,300 lm, respectively. All models also incorporate a variable iris that produces a high contrast of 4,000:1/3,500:1.* This all combines to provide brighter, sharper projection for versatile situations.

4,000 lm/3,000 lm*2 of Brightness in a Compact Body

A remarkable 4,000 lm/3,000 lm*2 of brightness have been achieved in a compact, easy-to-carry body, weighing only 3.6 kg (7.9 lb) or less.** Bright, clear images enhance a variety of viewing situations and applications.

The Daylight View Basic Function Ensures Clear Images Even in Brightly Lit Rooms

Panasonic’s Daylight View Basic technology achieves sharp, easy-to-see images by clearly reproducing the details in dark image areas, which were previously difficult to see in brightly lit rooms. A built-in sensor measures the ambient light, and the Daylight View Basic function adjusts the halftone color and brightness level according to the surrounding illumination.

Long-Lasting Lamps and Air Filters

When the PT-VW330/VX400NT/VX500/VX505N lamp power is set to Eco1, Eco2 or Auto, you can display the total amount of reduced power consumption and decreased CO2 emission compared to when the lamp power is set to Normal. It can be shown by day, month or year. Quantitatively checking these reduction amounts helps to increase the awareness of energy saving and the environment.

Quiet 29-dB** Design Does Not Interrupt Meetings or Classes

The quiet design keeps noise levels down to 29 dB,** so the sound of the cooling fan is hardly noticeable. This helps the audience to keep their attention on the speech when someone is giving a presentation or on the screen images during quiet scenes.

Versatile Eco Performance Helps the Environment

Intelligent Lamp Control System Reduces Power Consumption

When the lamp power is set to Auto, the intelligent lamp control system automatically adjusts the lamp output in accordance with the brightness of the projected image and reduces it by up to 70%. It also combines with color shift correction, which corrects the shift in the color balance that occurs when the lamp output drops. As a result, power consumption is effectively reduced while excellent color reproduction is maintained.

Displaying the Total Amount of Reduced Power Consumption and CO2 Emission

When the lamp power is set to Eco1, Eco2 or Auto, you can display the total amount of reduced power consumption and decreased CO2 emission.

Environmentally Friendly Standby Power Consumption

When the Standby mode is set to Eco, the standby power consumption is up to 0.48 W.* This lowers running costs, and helps to reduce environment impact.

Ecology-Conscious Design

- No halogenated flame retardants are used in the cabinet.
- Non-coated cabinet for easy recycling (For the PT-VX400NT/VX400/VX41.
- Lead-free glass is used for the lens.
- Lamp power switching further reduces power consumption.
- Standby power consumption of only 0.48 W** has been achieved.
- RoHS compliant

*1 The PT-VX505N/VX500 has 5,000 lm of brightness and 4,000:1 contrast ratio. The PT-VW330/VX400NT has 4,300 lm of brightness and 3,500:1 contrast ratio.
*2 The PT-VW435N/VW430/VX505N/VX500 has 4,000 lm and 4,000:1 contrast. The PT-VW330 has 3,000 lm of brightness.
*3 Weight by model: PT-VW330/VX400NT: approx. 3.6 kg (7.9 lb), PT-VX505N/VX500: approx. 3.5 kg (7.7 lb), PT-VX41: approx.3.4 kg (7.5 lb).
*4 This is the maximum when the lamp power is set to Eco (Eco1 or Eco2 in the PT-VW330/VX400NT/VX400/VX41), with the lamp turned on for 2 hours and off for 0.25 hour. Increases in the lamp on cycle or extended use with the lamp continuously turned on will shorten the lamp replacement cycle. When the lamp power is set to Normal, the lamp replacement cycle is 2,500 hours for the PT-VW330/VX400NT/VX505N/VX500 and 3,000 hours for the PT-VX505N/VX500.
*5 The lamp power: PT-VW330/VX400NT/VX505N/VX500: Eco: PT-VX505N/VX500: Eco, PT-VX505N/VX500: Eco: Eco1 or Eco2. The usage environment affects the duration of the filter.
*6 Electrostatic filters.
*7 When the PT-VW330/VX400NT/VX505N/VX500 lamp power is set to Eco (Eco1 or Eco2 in the PT-VW330/VX400NT/VX400/VX41).
*8 Standby power consumption: PT-VX400NT/VX505N/VX500: 0.3 W, PT-VX505N/VX500: 0.48 W. Standby mode: Eco. When the Standby mode is set to Eco, network functions such as standby on via LAN are not available. Also, only certain commands can be received for external control using the serial terminal.
Easy Wireless Projection from Multiple PCs

Wireless Projection Advantages

- Smoother, more productive meetings:
  Set-up is easy and multiple participants can bring and use their own notebook PCs for projection.
- Presentations can be made from anywhere in the room:
  PCs can be arranged in a flexible layout without passing around cables.
- Smart presentations with iOS devices:
  PDF files, JPEG images, web pages, and photos* can be projected by wireless transmission from iPad, iPhone, and iPod touch.

* Photos taken with the built-in camera on iOS devices.

- Wireless Manager ME 6.0/5.5** Multifunctional Application Software

  The Wireless Manager ME 6.0/5.5** application provided with the projector allows easy transfer*10 of data from the screen of a personal computer*11 through a PC’s wireless LAN function.*11 It can be used to transfer audio files.*11 Screen images from multiple computers can also be projected, and Multi-Live mode allows the simultaneous projection of up to 16 computers. The newest Wireless Manager ME 6.0, which supports the PT-VW435N/VX505N, greatly shortens the starting time and increases the transfer speed. The graphical user interface (GUI) has been redesigned to make operation simpler and easier to understand. This all combines to make presentations more flexible and effective.

- The Optional Easy Wireless Stick (ET-UW100) Simplifies Wireless Projection

  The ET-UW100 integrates a wireless application and a wireless LAN adapter. Simply plug it into the computer’s USB port for easy wireless projection*16 of the computer screen.** Multi-Live mode** lets you project images from up to 16 computers simultaneously.

  The ET-UW100 does not support the iPod touch.

- USB Display Function for Easy Projection Using a USB Cable

  By installing the Wireless Manager ME 6.0/5.5 application in a personal computer in advance and connecting**, the USB ports on the projector and the computer with a USB cable, Wireless Manager ME 6.0/5.5 will automatically start up and output computer images and sound from the projector. Multi-Live mode and other functions can also be used in the same manner as when using a wireless connection.

- USB Memory Viewer for Projection without a Personal Computer

  JPG/BMP image files and text files stored on a USB memory device can be projected by simply inserting the USB memory device into the USB port of the PT-VW435N/VX505N/VX400NT. This makes it easy to give presentations without having to use a computer.

- Wireless Projection from iPad/iPhone

  The “Panasonic Wireless Projector for iOS” application, which is free and available on the App Store, allows wireless projection from an iPad, iPhone or iPod touch. You can send PDF files transferred from a PC via iTunes to the Documents folder of this application, and JPEG images saved to the Photos folder of your iPad, iPhone or iPod touch. You can also project websites with the built-in web browser, and photos taken with the built-in camera iOS devices. Presentations can be done using only the wireless projector and an iPad, iPhone or iPod touch. Various touch screen operating systems, such as rotating the direction of the screen, flicking to turn pages, and pinching to zoom in or out, are possible. For more information, please visit http://panasonic.net/avc/projector/ios/.

- 1.6x Zoom Lens Allows Flexible Installation

  When projecting onto a 100-inch wide screen, the 1.6x zoom lens lets the PT-VW435N/VW430, for example, support a wide range of projection distances, from 2.5 to 4.1 meters (8.2 to 13.5 feet).

- Lens Shift Moves the Image Vertically Without Distortion

  The PT-VW435N/VW430/VXX505N/ VX500 feature the Lens Shift function in the vertical direction. It moves the image position vertically without distorting it.

- HDMI Input Terminal and Abundant Interfaces

  Extensive interfaces include an HDMI input terminal, 2 sets of computer (RGB) input terminals, a wired LAN terminal, and a serial (RS-232C) terminal for external control. These features support a wide range of system architectures for portable or ceiling-mounted use.

- For more information about wireless function, please visit http://panasonic.net/avc/projector/.

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* The PT-VW435N/VX505N includes Wireless Manager ME 6.0, and the PT-VX400NT includes Wireless Manager ME 5.5. *10 DVD video, Blu-ray video and content set with DRM (Digital Rights Management) cannot be transferred. *11 Wireless Manager ME 6.0 and the ET-UW100 are supported by Windows XP, Windows Vista, Windows 7 and Macintosh (Mac OS X v10.6, v10.7). Wireless Manager ME 5.5 is supported by Windows XP, Windows Vista, Windows 7 and Macintosh (Mac OS X v10.6). *12 The computer is not equipped with a wireless LAN function, a wireless LAN card is required. In the case of Macintosh computers, only the built-in wireless LAN function is supported. Network functions such as Live mode and Multi-Live mode can also be used with a wired LAN.

*13 Windows®*9 and Windows Vista®*9 computers must be logged on to using the Administrator’s account. The first time a Windows®7 computer is used, the sound driver may require setting.

*14 The ET-UW100 will not transfer audio files. *15 Multi-Live mode supports only the 16-Window Index Style. *16 Files that are saved anywhere other than these locations cannot be projected. Also, PDF files that contain animation, links, have open passwords, or have been scanned at high resolution cannot be sent. *17 The first time a USB cable is connected, a USB driver must be installed.
A Wide Variety of Functions for Easy Setup

**Easy Setting Function for Even Easier Setup**

When the Auto Setup button is pressed, a camera inside the projector detects the condition of the projected image. In addition to Auto Input Signal Search and Auto Setup, the projector then makes the following adjustments. This makes setup even easier.

- **Focus Assist**
  A focusing guide is displayed to help the focus adjustment.

- **Screen Fitting**
  The projection screen size and horizontal/vertical Keystone correction (trapezoidal correction) are automatically adjusted to fit the screen.\(^\text{13}\)

- **Wall Color Compensation**
  When projecting onto a colored wall, blackboard, or other similar surface, the white balance is automatically adjusted.

**10-Watt Speakers and a Microphone Input Enables Audio Playback Directly from the Projector**

These portable projectors feature high-output 10-watt speakers that produce a high sound volume without requiring external speakers. They also feature a microphone input terminal that allows microphone sounds to be output from the projector. These features make presentations even more effective.

**Easy Remote Monitoring and Control over a LAN**

Web browser on a computer connected through a LAN system lets you remotely operate projectors and check their status. An e-mail messaging function can also notify you when a lamp needs replacement, and indicate the overall projector status. In addition, Multi Projector Monitoring and Control Software is available for monitoring and controlling multiple Panasonic projectors from a single PC. The wired LAN terminal is compatible with PJLink™ (class 1), an open protocol that is used by many manufacturers, to enable integrated control of systems that contain different brands of projectors.

**Creston RoomView™**

The LAN terminal allows a computer connected to the network to use Crestron RoomView™ application software to manage and control system devices.

**Side-by-Side and P-in-P Function**\(^\text{20}\) for Effective Presentations and Lectures

Two different image sources can be simultaneously displayed onto a single screen. You can also switch to P-in-P (Picture-in-Picture) mode and display a sub-window onto the main screen. The sub-window can be positioned at any of the four corners (upper left, upper right, lower left, lower right) to expand the usable area as only a wide-screen projector can do.

**Simple Lamp/Air Filter Replacement**

For easier maintenance, you can replace the lamp from the top even after the projector is installed on the ceiling. And the PT-VW435N/VW430/VX505N/VX500 have one air filter on the side and one on the back, while the PT-VW430/VX400NT/VX400/VX41 have one on the side and one on the bottom. This eliminates the need to detach the projector from its ceiling bracket and greatly simplifies maintenance.

**Other Features**

- Direct Power Off right after use
- A carrying bag with a handy shoulder strap comes with the projector
- Effective theft prevention with the startup logo\(^\text{21}\)
- Projector identification system for remote control allocation of up to six projectors
- The Wireless Mouse function (PT-VW435N/VX505N/VX400NT) enables you to operate a computer’s mouse pointer by the projector’s wireless remote control
- Built-in closed caption decoder
- AMX D. D. compliant

\(^{13}\) Keystone correction is performed in the PT-VW400NT when using the Easy Setting function. \(^{19}\) If the screen border cannot be detected, the projection screen size adjustment is not made. In this case, only the horizontal/vertical Keystone correction is done. \(^{20}\) This function is not effective for some source combinations. \(^{21}\) The included Logo Transfer Software is required to upload a new logo.
### Specifications

#### Power supply
- Model: PT-VW35SN
  - Power consumption: 365 W (0.3 W when standby mode set to Eco*1), 12.9 W when standby mode set to Network*1

- Model: PT-VW30
  - Power consumption: 365 W (0.3 W when standby mode set to Eco*1), 11.5 W when standby mode set to Network*1

- Model: PT-VX500SN
  - Power consumption: 365 W (0.3 W when standby mode set to Eco*1)

#### Panel size
- 15 mm (0.59 inches) diagonal
  - 16 mm (0.63 inches) diagonal

#### Display method
- Transparent LCD panel (x 3, R/G/B)

#### Pixels
- 1,024 x 800 pixels
  - total of 3,072,000 pixels

#### Contrast
- 3,500:1 (full on/full off, lamp power: Normal, Iris: On)
  - 4,000:1 (full on/full off, lamp power: Normal, Iris: On)

#### Center-to-corner uniformity
- 85%

#### Operating environment
- Cabinet materials: Molded plastic
- Noise level: 37 dB (lamp power: Normal), 29 dB (lamp power: Eco)
- Built-in speaker: 4 cm round shape x 1
  - output power: 10.0 W (monaural)
  - frequency: 20 Hz to 20 kHz

#### Scanning
- Screen size (diagonal): 0.76–7.62 m (30–300 inch)
- Lens: 1.6x manual zoom (throw ratio: 1.18–1.90:1)
- LCD panel: Transparent LCD panel (x 3, R/G/B)

#### Resolution
- 1,280 x 800 pixels*4
  - 1,024 x 768 pixels*5

#### Power supply
- 100-240 V AC, 50/60 Hz

#### Video/S-Video
- fH: 15.75 kHz, fV: 60 Hz [NTSC/NTSC4.43/PAL-M/PAL60]
  - fH: 15.63 kHz, fV: 50 Hz [PAL/PAL-N/SECAM]

#### USB B
- USB type-B (for the USB Display/Viewer) x 1

#### HDMI
- HDMI IN: 19-pin pin x 1 (compatible with HDCP)

#### COMPUTER IN 1
- COMPUTER IN 1 (1 signal is output)
  - D-sub HD 15-pin (female) x 1
  - input/output selectable using on-screen menu

#### COMPUTER IN 2/ MONITOR OUT
- D-sub HD 15-pin (female) x 1
  - output enable (output) default

#### COMPUTER AUDIO IN
- D-sub HD 15-pin (female) x 1
  - output enable (output) default

#### TERMINAL IN
- D-sub HD 15-pin (female) x 1 for external control (RS-232C compliant)

#### LAN
- RJ-45 x 1 (for network connection, 10Base-T/100Base-TX, compliant with PJLink™ (class 1))

#### USB A
- USB type-A for the USB Memory Viewer x 1

#### USB B
- USB type-B for the USB Display/Wireless Mouse x 1

#### Power supply
- 365 W (0.3 W when standby mode set to Eco*1, 11.5 W when standby mode set to Network*1)

#### Dimensions
- Unit: mm (inch)
  - 399 x 299 (14.9 x 11.7)
  - 305 (12)

#### Power cord
- 128 bit/64 bit WEP

#### Operating environment
- Operating temperature: 0°C–40°C (32°F–104°F) (less than 1,200 m [3,937 ft] above sea level, Fan control: OFF)
  - 0°C–30°C (32°F–86°F) (between 2,000 m and 2,700 m [6,562 ft and 8,858 ft] above sea level, Fan control: ON1)

#### Keystone correction range
- Vertical: ±30°

#### Wireless
- Infrastructure mode
  - WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES), 128 bit/64 bit WEP, WPA-EAP/WPA2-EAP (PEAP/MS-CHAPv2/TC), EAP-Fast (MS-CHAPv2/TC), EAP-TTLS (MS-CHAPv2/TC), EAP-CHAP (MS-CHAPv2/TC)

#### Ad-hoc mode
- 128 bit/64 bit WEP

#### Supplied accessories
- Software CD-ROM (Logo Transfer Software, Multi Projector Monitoring & Control Software, Wireless Manager ME 6.0)

#### Projector Monitoring & Control
- Software, Multi Projector Monitoring & Control Software

#### Power cord
- Power cord x 1, power cord holder x 1, wireless remote control unit, batteries (AAA/R03/LR03 type x 2), total of 3,072,000 pixels

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*1 When the Standby mode is set to Eco, network functions such as standby on via LAN are not available. Also, only certain commands can be received for external control using the serial terminal.

*2 The values given for the recommended lamp replacement cycles are maximum.

*3 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards.

*4 Compliant with VESA DMT-RB.

*5 When the ambient temperature is between 35°C and 40°C (95°F and 104°F), the lamp power should be set to Eco.

*6 Not supported by IEEE802.11n.

*7 The PT-VW30/VX500 are not equipped with USB A/USB B terminals.

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**Dimensions**

<table>
<thead>
<tr>
<th>Unit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm</td>
<td>399 x 299</td>
</tr>
<tr>
<td>inch</td>
<td>14.9 x 11.7</td>
</tr>
</tbody>
</table>

**Terminals**

- HDMI IN: 19-pin pin x 1 (compatible with HDCP)
- COMPUTER IN 1: D-sub HD 15-pin (female) x 1
- COMPUTER IN 2/ MONITOR OUT: D-sub HD 15-pin (female) x 1, input/output selectable using on-screen menu
- COMPUTER AUDIO IN: D-sub HD 15-pin (female) x 1
- TERMINAL IN: D-sub HD 15-pin (female) x 1 for external control (RS-232C compliant)
- LAN: RJ-45 x 1 (for network connection, 10Base-T/100Base-TX, compliant with PJLink™ (class 1))
- USB A: USB type-A for the USB Memory Viewer x 1
- USB B: USB type-B for the USB Display/Wireless Mouse x 1

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## Specifications

### Model
<table>
<thead>
<tr>
<th>PT-VW330</th>
<th>PT-VX400NT</th>
<th>PT-VX400</th>
<th>PT-VX41</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power supply</strong></td>
<td>100-240 V AC, 50/60 Hz</td>
<td>100-240 V AC, 50/60 Hz</td>
<td>100-240 V AC, 50/60 Hz</td>
</tr>
</tbody>
</table>

### Power consumption
- 322 W (0.48 W when standby mode set to Eco*¹), 12.5 W when standby mode set to Network.
- 322 W (0.48 W when standby mode set to Eco*¹), 14.5 W when standby mode set to Network.
- 322 W (0.48 W when standby mode set to Eco*¹), 10.9 W when standby mode set to Network.
- 322 W (0.48 W when standby mode set to Eco*¹), 7.5 W when standby mode set to Network.

### LCD panel
- Panel size: 15 mm (0.59 inch) diagonal (16:10 aspect ratio)
- Display-method: Transparent LCD panel (x 3, 800/B)
- Pixels: 1,024,000 (1,280 x 800) x 3, total of 3,072,000 pixels
- Lens: 1.6x manual zoom (throw ratio: 1.2–1.9:1), manual focus, F 1.65–2.23, 1.56–2.47, 53 mm
- Brightness: 3,000 lm (lamp power: Auto/Normal)
- Center-to-corner uniformity: 85 %

### Dimensions (W x H x D)
- 350 x 97 x 277 mm (13.8" x 3.8" x 10.9") (with legs at shortest position, not including protruding parts)
- 350 x 97 x 254 mm (13.8" x 3.8" x 10.0")

### Cabinet materials
- Molded plastic

### Built-in speaker
- 3.7 cm round shape x 1, output power: 10.0 W (mono)

### Power consumption
- Power cord x 1, power cord holder x 1, wireless remote control unit, batteries (AAA/R03/LR03 type x 2), carrying bag x 1, computer cable (1.8 m, for VGA), filter cover x 1

### Weight
- Approximately 3.5 kg (7.7 lbs)
- Approximately 3.3 kg (7.3 lbs)
- Approximately 3.4 kg (7.5 lbs)

### Operating environment
- Operating temperature: 5°C–35°C (41°F–95°F), operating humidity: 20 %–80 % (no condensation)

### Center-to-corner uniformity
- 85 %

### Contrast
- 2,000:1

### Supply accessories
- Software CD-ROM (Logo Transfer Software, Multi Projector Monitoring & Control Software), Multi Projector Monitoring & Control Software
- Software CD-ROM (Logo Transfer Software, Multi Projector Monitoring & Control Software, Wireless Manager ME 5.5)

### Cables materials
- Metalized plastic

### Video/S-Video
- fH: 15.75 kHz, fV: 60 Hz [480i(525i)]
- fH: 15.63 kHz, fV: 50 Hz [576i(625i)]
- fH: 33.75 kHz, fV: 60 Hz [1080(1125)/60i]
- fH: 28.13 kHz, fV: 50 Hz [1080(1125)/50i]
- fH: 31.50 kHz, fV: 60 Hz [480p(525p)]
- fH: 31.25 kHz, fV: 50 Hz [576p(625p)]
- fH: 15.75 kHz, fV: 60 Hz [NTSC/NTSC4.43/PAL-M/PAL60]
- fH: 15.63 kHz, fV: 50 Hz [PAL/PAL-N/SECAM]
- fH: 15.75 kHz, fV: 60 Hz [480i(525i)]
- fH: 15.63 kHz, fV: 50 Hz [576i(625i)]
- fH: 33.75 kHz, fV: 60 Hz [1080(1125)/60i]
- fH: 28.13 kHz, fV: 50 Hz [1080(1125)/50i]
- fH: 31.50 kHz, fV: 60 Hz [480p(525p)]
- fH: 31.25 kHz, fV: 50 Hz [576p(625p)]

### Ad-hoc mode
- 128 bit/64 bit WEP

### Power supply
- 100-240 V AC, 50/60 Hz

### Terminals
- HDMI IN
- COMPUTER IN 1
- COMPUTER IN 2 / MONITOR OUT
- AUDIO IN
- COMPUTER AUDIO IN 1
- COMPUTER AUDIO IN 2
- SERIAL IN
- USB A
- USB B

### Dimensions
- 350 x 97 x 277 mm (13.8" x 3.8" x 10.9") (with legs at shortest position, not including protruding parts)
- 350 x 97 x 254 mm (13.8" x 3.8" x 10.0")

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* * *¹ When the Standby mode is set to Eco, network functions such as standby on via LAN are not available. Also, only certain commands can be received for external control using the serial terminal.
* * *² The values given for the recommended lamp replacement cycles are maximum. *³ The input signals that exceed this resolution will be converted to 1,280 x 800 pixels. *⁴ The input signals that exceed this resolution will be converted to 1,280 x 800 pixels.
* * *⁵ Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards.
* * *⁶ Compliant with VESA CVT-RB. *⁷ Input signals that exceed this resolution will be converted to 1,280 x 800 pixels. *⁸ When the Standby mode is set to Eco, network functions such as standby on via LAN are not available. Also, only certain commands can be received for external control using the serial terminal.
### Projection Distance

#### PT-VW330

#### PT-VW430/XT-VW430

#### PT-VX400/XT-VX400

#### PT-VX500/XT-VX500

#### Optional accessories

- **Ceiling mount bracket for high ceilings**
  - ET-PKV100H
- **Ceiling mount bracket for low ceilings**
  - ET-PKV200B, ET-RFV200
- **Bracket assembly**
  - ET-PKV100S, ET-RFV100B
- **Replacement filter unit**
  - ET-RFV100B
- **Replacement lamp unit**
  - ET-LAV200, ET-UW100
- **Easy Wireless Stick**
  - ET-LAV200

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**Weights and dimensions shown are approximate.** Specifications and appearance are subject to change without notice. Product availability differs depending on region and country. This product may be subject to export control regulations. The projection distances and throw ratios given in this brochure are for use only as guidelines. For more detailed information, please consult the dealer from whom you are purchasing the product. The PALink trademark is an application trademark in Japan, the United States, and other countries and regions or registered trademarks. Crescent RoomView is a trademark of Creston Electronics, Inc. All other trademarks are the property of their respective trademark owners. Projection images simulated. © 2012 Panasonic Corporation. All rights reserved.

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**Caution**

Do not install the projector in locations that are subject to excessive water, humidity, steam or oily smoke. Doing so may result in fire, malfunction or electric shock.

**NOTE ON USE**

1. The projector uses a high-voltage mercury lamp under high internal pressure. This lamp may break, emitting a popping sound, or fail to illuminate, due to impact or extended use.
2. The high-wattage lamp becomes very hot during operation. Please observe the following precautions:
   - Never place objects on top of the projector while it is in operation.
   - Make sure there is an unobstructed space of 1,000 mm (39-3/8 in) or more around the projector’s exhaust openings.
   - If stacking projector units, care must be taken to provide the recommended space between units. These space requirements also apply to installation where only one projector unit is operating at one time and the other unit is used as a backup.

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**For more information about Panasonic projectors, please visit**: [Projector Global Web Site – panasonic.net/avc/projector](http://panasonic.net/avc/projector) | [Facebook – panasonicusa](http://facebook.panasonicusa.com) | [YouTube – www.youtube.com/user/PanasonicProjector]