
* Wireless projection: PT-VX400NT only.

The PT-VW330 Series portable projectors offer high brightness in a compact body, weighing 3.6 kg (7.9 lb) or less.* These models feature a wide range of functions that greatly reduce the hassle and cost of maintenance, such as a lamp replacement cycle of up to 5,000 hours** and an air filter replacement cycle of up to 6,000 hours.***

A newly developed intelligent lamp control system effectively reduces power consumption. Plus, the Easy Setting function and wireless LAN featured in the PT-VX400NT model simplify setup and optimize presentations. These advanced models provide powerful visual support with superb performance while minimizing environmental impact.

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* Weight by model: PT-VX400NT: approx. 3.6 kg (7.9 lb), PT-VW330/VX400: approx. 3.5 kg (7.7 lb).
** This is the maximum value when the lamp power is set to Eco1 or Eco2, 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 3,000 hours. The usage environment affects the lamp replacement cycle.
*** With the lamp power set to Eco1 or Eco2. The usage environment affects the duration of the filter.
Superb Performance in a Compact, 3.6-kg [7.9-lb] Body*1

A Full 4,000 lm/3,000 lm*2 of Brightness and 2,000:1 Contrast

**VW330**  **VX400NT**  **VX400**

A remarkable 4,000 lm/3,000 lm*3 of brightness and 2,000:1 contrast have been achieved in a compact, easy-to-carry body, weighing only 3.6 kg (7.9 lb) or less.*1 Bright, clear images enhance a variety of viewing situations and applications.

A Maximum 5,000-Hour*3 Lamp Replacement Cycle and 6,000-Hour*4 Air Filter Replacement Cycle

**VW330**  **VX400NT**  **VX400**

These handy portables offer a lamp replacement cycle of up to 5,000 hours*3 for extended, maintenance-free use. Three-layered air filters, in which each layer contains a different mesh size, are installed in two parts of the body. Increasing the filters' surface area made it possible to achieve a replacement cycle of up to 6,000 hours.*4 This reduces maintenance hassles for long periods of use, and helps to lower maintenance costs and reduce environmental impact.

**Air Filter Unit**

<table>
<thead>
<tr>
<th>Layer</th>
<th>Mesh Size</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Large</td>
<td>Metal mesh</td>
<td>Dust</td>
</tr>
<tr>
<td>Medium</td>
<td>Urethane</td>
<td>Large</td>
</tr>
<tr>
<td>Small</td>
<td>Hole punched (metal)</td>
<td>Medium</td>
</tr>
</tbody>
</table>

Quiet 29-dB*5 Design Does Not Interrupt Meetings or Classes

**VW330**  **VX400NT**  **VX400**

The quiet design keeps noise levels down to 29 dB,*5 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.

**NEW**

Intelligent Lamp Control System Reduces Power Consumption

**VW330**  **VX400NT**  **VX400**

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.

![Intelligent Lamp Control System](image)

Displaying the Total Amount of Reduced Power Consumption and CO₂ Emission

**VW330**  **VX400NT**  **VX400**

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 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.

Environmentally Friendly Standby Power Consumption of Only 0.48 W*6

**VW330**  **VX400NT**  **VX400**

When the Standby mode is set to Eco, the standby power consumption is low at 0.48 W.*6 This lowers running costs, and helps to reduce environmental impact.

**Quiet 29-dB Design**

**Intelligent Lamp Control System**

**Displaying the Total Amount of Reduced Power Consumption and CO₂ Emission**

**Environmentally Friendly Standby Power Consumption**

**Superb Performance in a Compact, 3.6-kg [7.9-lb] Body**

**A Full 4,000 lm/3,000 lm of Brightness and 2,000:1 Contrast**

**A Maximum 5,000-Hour Lamp Replacement Cycle and 6,000-Hour Air Filter Replacement Cycle**

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

**Intelligent Lamp Control System Reduces Power Consumption**

**Displaying the Total Amount of Reduced Power Consumption and CO₂ Emission**

**Environmentally Friendly Standby Power Consumption**

**NEW**

* Product numbers vary depending on the market. The product number in North America and Taiwan is PT-VW330U, VX400NTU and PT-VX400U. The product number in Europe (except UK) and CIS is PT-VW330E, VX400NTE and PT-VX400E. The product number in UK, Asia (except Taiwan), Oceania, Middle East, and Africa is PT-VW330EA, VX400NTEA and PT-VX400EA.

*1 Weight by model: PT-VX400NT: approx. 3.6 kg (7.9 lb), PT-VW330/VX400: approx. 3.5 kg (7.7 lb). *2 The PT-VX400NT/VX400 has 4,000 lm and the PT-VW330 has 3,000 lm of brightness. *3 This is the maximum value when the lamp power is set to Eco1 or Eco2, 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 3,000 hours. The usage environment affects the lamp replacement cycle. *4 With the lamp power set to Eco1 or Eco2. The usage environment affects the duration of the filter. *5 With the lamp power set to Eco1 or Eco2. *6 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

The Wireless Manager ME5.5 application*7 provided with the projector allows easy transfer of data*8 from the screen of a personal computer through a wired or wireless*9 LAN connection. It can be used to transfer audio*10 files. When a wireless LAN connection is used, there is no need to connect a VGA cable between the computer and projector; therefore, it allows easy and speedy setup, and a flexible system layout. Screen images from multiple computers can also be projected, and Multi-Live mode allows the simultaneous projection of up to 16 computers.

For more information about the Wireless Manager ME5.5 application, please visit http://panasonic.net/avc/projector/products/vw330/

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*11 folder of this application, and JPEG images saved to the Photos*11 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 operations, 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/

USB Display Function for Easy Projection Using a USB Cable

By installing the Wireless Manager ME5.5 application in a personal computer in advance and connecting*12 the USB ports on the projector and the computer with a USB cable, Wireless Manager ME5.5 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-VX400NT. This makes it easy to give presentations without having to use a computer.

1.6x Zoom Lens Allows Flexible Installation

When projecting onto a 100-inch wide screen, the 1.6x zoom lens lets the PT-VW330, for example, support a wide range of projection distances, from 2.5 to 4.1 meters (8.2 to 13.5 feet).

A Wide Variety of Functions for Easy Setup

• Auto Input Signal Search
The Auto Input Signal Search function automatically detects the input signal and selects the input channel based on the signal. This function lets you start a presentation without any complicated setup required.

• Input Guidance Function
If the input signal cannot be detected, the Input Guidance function will display connection instructions on the projector screen, for easy setup.

• Real-Time Keystone Correction*13
With Real-Time Keystone Correction, the projector automatically senses if you adjust its angle (in the vertical direction) during operation and instantly makes whatever Keystone correction is necessary for optimal viewing.

• Color-board and Blackboard modes
Color-board and Blackboard modes adjust the colors to make high-quality projection possible in rooms that don’t have a screen.

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.*14

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

*7 This application is supported by Windows® XP/Windows Vista®/Windows® 7 and Macintosh OS (OS X Ver. 10.4/10.5/10.6/10.7).*8 DVD video, Blu-ray video and content set with DRM (Digital Rights Management) cannot be transferred.*9 If 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. *10 Windows® 7/Vista® computers must be logged on to using the Administrator’s account. The first time that a Windows® 7 computer is used, the sound driver may require setting. *11 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. *12 The first time a USB cable is connected, a USB driver must be installed. *13 Keystone correction is performed in the PT-VX400NT when using the Easy Setting function. *14 If the screen corner cannot be detected, the projection screen size adjustment is not made. In this case, only the horizontal/vertical Keystone correction is done.
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.

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.

Side-by-Side and P-in-P Function*16 (PT-VW330) 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.

Direct Power Off Function - Unplug the Power Cord Immediately After Use

The Direct Power Off function keeps the cooling fan turned on even when you unplug the power cord right after use. This lets you put everything away and carry the projector quickly to your next presentation or lecture.

Top-Panel Lamp Replacement Simplifies Maintenance

The lamp can be reached through the top panel for easy replacement. This eliminates the need to detach the projector from its ceiling bracket and greatly simplifies maintenance.

Convenient Carrying Bag

A carrying bag with a handy shoulder strap comes with the projector. This bag helps protect the projector from impacts.

Other Features

- Effective theft prevention with the startup logo*17
- Projector identification system for remote control allocation of up to six projectors
- The Wireless Mouse function (PT-VX400NT only) enables you to operate a computer’s mouse pointer by the projector’s wireless remote control
- Built-in closed caption decoder

Ecology-Conscious Design

- No halogenated flame retardants are used in the cabinet.
- Lead-free glass is used for the lens.
- Lamp power switching further reduces power consumption.
- Standby power consumption of only 0.48 W*18 has been achieved.
- RoHS compliant

*15 The PT-VX400NT also supports a wireless LAN system. *16 This function is not effective for some source combinations. *17 The included Logo Transfer Software is required to upload a new logo.
*18 Standby mode: Eco. When 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.

* Featured image: PT-VX400NT.
* The PT-VW330/VX400 are not equipped with USB A/USB B terminals.

No halogenated flame retardants are used in the cabinet. Lead-free glass is used for the lens.

Lamp power switching further reduces power consumption.

Standby power consumption of only 0.48 W*18 has been achieved.

RoHS compliant
Specifications

Model | PT-VW330 | PT-VX400NT | PT-VX400
---|---|---|---

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

**Power consumption**
322 W (0.48 W when standby mode set to Eco*¹, 14.5 W when standby mode set to Network.*0)

**Panel size**
15 mm (0.59 inches) diagonal (16:10 aspect ratio)

**LCD panel**
16 mm (0.63 inches) diagonal (4:3 aspect ratio)

**Display method**
Translucent LCD panel (x 3, R/G/B)

**Pixels**
1,024,000 (1,280 × 800 x 3, total of 3,072,000 pixels)

**Lens**
1.8x manual zoom (throw ratio: 1.2–1.9:1, manual focus, f-1.45–2.3, 115°-47.5x, 23.3 mm)

**Screen size (diagonal)**
87.4 to 4m (300-360 inches)

**Brightness**
3,000 lm (lamp power: Auto/Normal)

**Contrast ratio**
2,000:1 (full on/full off, lamp power: Auto)

**Resolution**
1,280 × 800 pixels*²

**RGB (analog)**
H: 25-50 kHz, V: 50–100 Hz, 60 Hz for 50/50 Hz (limited to 140 MHz or less)

**YPbPr (YCbCr)**
H: 31.50 kHz, V: 50 Hz [576p/60p] (480p/576p)

**YPbPr (YCbCr)**
H: 33.75 kHz, V: 60 Hz [576p/60p] (480p/576p)

**YPbPr (YCbCr)**
H: 37.50 kHz, V: 60 Hz [1080(1125)/50i] (1080p/1125p)

**YPbPr (YCbCr)**
H: 45.00 kHz, V: 60 Hz [720(750)/60p] (720p/750p)

**YPbPr (YCbCr)**
H: 28.13 kHz, V: 50 Hz [1080/24p] (1080i/24p)

**Optical axis shift**
Vertical: ±30°
Horizontal: ±10°

**Keystones correction range**
Vertical: ±30° (when Real-Time Keystones) Vertical: ±30° (when Real-Time: Keystone)

**Installation**
Ceiling mount/bracket

**Dimensions (W × H × D)**
350 x 97 x 277 mm (13.8” x 3.8” x 10.9”) (with legs at shortest position, not including protruding parts)

**Weight**
Approximately 3.5 kg (7.7 lbs)

**Noise level**
35 dB (lamp power: Normal), 29 dB (lamp power: Eco1, Eco2)

**Wireless**
802.11b/g/n, USB B

**Supported accessories**
Software CD-ROM (Logo Transfer Software, Multi Projector Monitoring & Control Software)
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Software CD-ROM (Logo Transfer Software, Multi Projector Monitoring & Control Software)

**Projection distance**
Diagonal image size (min./max.) Height from the edge of screen of lens (H)
PT-VW330
16:10 aspect ratio; throw ratio: 1.2–1.9:1

**Dimensions**
Unit: millimeter

**Replacement lamp unit**
ET-LAV100

**Replacement filter unit**
ET-RFV100

**Ceiling mount bracket for low ceilings**
ET-PK100U

**Bracket assembly**
ET-PK100B

**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-voltage lamp becomes very hot during operation. Please observe the following precautions:
   - 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.
   - The lamp replacement cycle duration becomes shorter if the projector is operated repeatedly for short periods.
   - If the projector is placed in a box or enclosure, the temperature of the air surrounding the projector must match the temperature after the projector has cooled.
   - If the projector is placed in a closet, the temperature of the air surrounding the projector must match the temperature of the air in the closet.
   - The brightness of the lamp will gradually decrease with use.
   - The lamp replacement cycle varies greatly depending on individual lamp characteristics and usage conditions.
   - The lamp replacement cycle duration becomes shorter if the projector is operated repeatedly for short periods.
   - 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.
   - The lamp replacement cycle duration becomes shorter if the projector is operated repeatedly for short periods.
   - If the projector is placed in a box or enclosure, the temperature of the air surrounding the projector must match the temperature of the air in the box. (At least 24 hours before operation.)
   - The brightness of the lamp will gradually decrease with use.
   - The lamp replacement cycle duration becomes shorter if the projector is operated repeatedly for short periods.

3. The lamp replacement cycle duration becomes shorter if the projector is operated repeatedly for short periods.

4. Due to natural characteristics of lamps, screen brightness may fluctuate. This is not an indication of faulty lamp performance.

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 PJLink trademark is an application trademark in Japan, the United States, and other countries and regions or registered trademarks. All other trademarks are the property of their respective trademark owners. Projection images simulated.

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For more information about Panasonic projectors:
http://panasonic.net/avc/projector

All information included here is valid as of December 2011.

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