High-performance, high-brightness portable projectors made for collaboration

**PT-VX610**
LCD, 5500 lumens, XGA, 16,000:1 contrast ratio

### KEY FEATURES

- **LCD, 5500 lumens, XGA**
- **16,000:1 contrast ratio**
- Long lamp and filter replacement cycle up to 7,000 hours

### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Brightness</th>
<th>Resolution</th>
<th>Contrast</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT-VZ580N</td>
<td>5.000 lm</td>
<td>WUXGA</td>
<td>16.000:1</td>
</tr>
<tr>
<td>PT-VZ580</td>
<td>5.000 lm</td>
<td>WUXGA</td>
<td>16.000:1</td>
</tr>
<tr>
<td>PT-VW545N</td>
<td>5.300 lm</td>
<td>WXGA</td>
<td>16.000:1</td>
</tr>
<tr>
<td>PT-VW540</td>
<td>5.300 lm</td>
<td>WXGA</td>
<td>16.000:1</td>
</tr>
<tr>
<td>PT-VX615N</td>
<td>5.500 lm</td>
<td>XGA</td>
<td>16.000:1</td>
</tr>
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</table>

- Portable projectors with increased brightness
- Increased contrast ratio gives even sharper images
- Filter lasts twice as long
- Easier to connect wirelessly
- Flexible wired installation
On the bright side – up to 5500lm brightness

With high brightness ranging from 5000lm to 5500lm, the PT-VZ580 series of portable projectors is at least 200lm brighter than the VZ570 series. You can expect deep blacks, pure highlights, crisp graphics and easy-to-read text.

Picture perfect images

A winning formula for imaging brilliance is complemented by a high 16000:1 contrast ratio. The PT-VZ580 series features resolutions from XGA to WUXGA, bringing native Full HD video to big screens in small spaces. This gives pin-sharp, detailed images for an immersive viewing experience. With the colour adjustment and correction function you can easily correct for slight variations in the colour reproduction range when using multiple projection, particularly in side-by-side configuration.
**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power Supply</strong></td>
<td>AC 100-240 V, 50/60 Hz</td>
</tr>
<tr>
<td>*<em>Power Consumption <em>1</em></em></td>
<td>385 W (North America), 400 W (other countries) When [STANDBY MODE] is set to [ECO]: approx. 0.3 W (North America, Taiwan), approx. 0.5 W (Other countries) When [STANDBY MODE] is set to [NORMAL] and [IN STANDBY MODE] of [AUDIO SETTING] is set to [OFF]: approx. 12 W</td>
</tr>
<tr>
<td><strong>BTU Value</strong></td>
<td>1,314 BTU (North America), 1,365 BTU (Other countries)</td>
</tr>
<tr>
<td>**LCD Panel</td>
<td>Panel Size**</td>
</tr>
<tr>
<td>**LCD Panel</td>
<td>Display Method**</td>
</tr>
<tr>
<td>**LCD Panel</td>
<td>Drive Method**</td>
</tr>
<tr>
<td>**LCD Panel</td>
<td>Pixels**</td>
</tr>
<tr>
<td><strong>Lens</strong></td>
<td>Manual zoom (1.6x), manual focus, F 1.6- 1.9, f 15.31 - 24.64 mm</td>
</tr>
<tr>
<td>**Lens</td>
<td>Throw Ratio**</td>
</tr>
<tr>
<td><strong>Lamp</strong></td>
<td>280 W UHM lamp</td>
</tr>
<tr>
<td><strong>Projection Size</strong></td>
<td>0.76-7.62 m (30-300 inches) diagonally, 16:10 aspect ratio</td>
</tr>
<tr>
<td><strong>Colors</strong></td>
<td>Full color (16,777,216 colors)</td>
</tr>
<tr>
<td>*<em>Light Output <em>2</em></em></td>
<td>5,500 lumens (Lamp power: Normal, Dynamic mode, Iris off, Daylight View:off, Auto Power Save:off)</td>
</tr>
<tr>
<td><strong>Center-to-Corner Uniformity</strong></td>
<td>85%</td>
</tr>
<tr>
<td><strong>Contrast Ratio*2</strong></td>
<td>16,000:1 (all white/all black, Image mode: Dynamic, Lamp power: Normal, Iris: On)</td>
</tr>
<tr>
<td><strong>Resolution</strong></td>
<td>1024 x 768 pixels (Input signals that exceed this resolution will be converted to 1024 x 768 pixels.)</td>
</tr>
<tr>
<td><strong>Lamp Replacement Cycle</strong></td>
<td>Normal: 5,000 hours, Eco1: 6,000 hours, Eco2: 7,000 hours</td>
</tr>
<tr>
<td><strong>Filter Replacement Cycle</strong></td>
<td>7,000 hours (Period varies depending on usage environment. It can be washed and reused up to 2 times.)</td>
</tr>
</tbody>
</table>
| **Scanning Frequency | HDMI/DIGITAL LINK** | Moving image signal resolution:
480i (525i): 3, 576i (625i): 3, 480p (525p), 576p (625p), 720 (750)/60p, 720 (750)/50p, 1080 (1125)/60i, 1080 (1125)/50i, 1080 (1125)/25p, 1080 (1125)/24p, 1080 (1125)/24sF, 1080 (1125)/30p, 1080 (1125)/60p, 1080 (1125)/50p
Still image signal resolution: 640 x 400 to 1920 x 1200 (non-interlace) •Dot clock frequency: 25 MHz to 162 MHz |
| **Scanning Frequency | RGB** | fH: 15-91kHz, fV: 24 - 100Hz, dot clock: 162 MHz or less |
| **Scanning Frequency | YPBPR (YCBCR)** | 480i (525i): fH 15.73 kHz; fV 59.94 Hz, 576i (625i): fH 15.63 kHz; fV 50 Hz, 480p (525p): fH 31.47 kHz; fV 59.94 Hz, 576p (625p): fH 31.25 kHz; fV 50 Hz, 720 (750)/60p: fH 45.00 kHz; fV 60 Hz, 720 (750)/50p: fH 37.50 kHz; fV 50 Hz, 1080 (1125)/60i: fH 33.75 kHz; fV 60 Hz, 1080 (1125)/50i: fH 28.13 kHz; fV 50 Hz, 1080 (1125)/25p: fH 28.13 kHz; fV 25 Hz, 1080 (1125)/24p: fH 27.00 kHz; fV 24 Hz, 1080 (1125)/24sF: fH 27.00 kHz; fV 48 Hz, 1080 (1125)/30p: fH 33.75 kHz; fV 30 Hz, 1080 (1125)/60p: fH 67.50 kHz; fV 60 Hz, 1080 (1125)/50p: fH 56.25 kHz; fV 50 Hz |
| **Scanning Frequency | Video** | fH: 15.73 kHz / 15.63 kHz fV: 59.94 Hz / 50 Hz [NTSC/NTSC4.43/PAL/PAL60/PAL-N/PAL-M/SECAM] |
| **Installation**               | CEILING/DESK/AUTO, FRONT/REAR |
| **Speaker**                    | 4.0 cm round-type x 1 |
| **Maximum Usable Volume Output** | 10 W (monaural) |
| **Optical Axis Shift**         | Vertical 0 - +40% from center of screen (manual) U/D ratio 9:1 (when on top end) |
Terminals | Computer 1 In
---
high-density D-Sub 15 p (female)
[RGB signal] R: 0.7 Vp-p, 75 ohms, G: 0.7 Vp-p (G: 1.0 Vp-p for sync on G), 75 ohms, B: 0.7 Vp-p, 75 ohms
HD, VD/SYNC: TTL, high impedance, positive/negative automatic
[YPBPR signal] Y: 1.0 Vp-p (including sync signal), PB/PR (CB/CR): 0.7 Vp-p, 75 ohms

Terminals | Computer 2 In/1 Out
---
high-density D-Sub 15 p (female)
[RGB signal] R: 0.7 Vp-p, 75 ohms, G: 0.7 Vp-p (G: 1.0 Vp-p for sync on G), 75 ohms, B: 0.7 Vp-p, 75 ohms
HD, VD/SYNC: TTL, high impedance, positive/negative automatic
[YPBPR signal] Y: 1.0 Vp-p (including sync signal), PB/PR (CB/CR): 0.7 Vp-p, 75 ohms

Terminals | Video In
---
Pin jack 1.0 Vp-p, 75 ohms

Terminals | HDMI 1 In
---
HDMI 19 pin, HDCP and Deep color compatible
Audio signals: Linear PCM (Sample frequency: 48 kHz/44.1 kHz/32 kHz)

Terminals | HDMI 2 In
---
HDMI 19 pin, HDCP and Deep color compatible
Audio signals: Linear PCM (Sample frequency: 48 kHz/44.1 kHz/32 kHz)

Terminals | Audio In 1
---
M3 stereo mini jack, 0.5 V[ rms], input impedance 22 k ohms and more

Terminals | Audio In 2
---
M3 stereo mini jack, 0.5 V[ rms], input impedance 22 k ohms and more

Terminals | Audio In 3
---
Pin jack x 2(L-R), 0.5 V[ rms], input impedance 22 k ohms and more

Terminals | Variable Audio Out
---
M3 stereo mini jack, 0 V[ rms] to 2.0 V[ rms] variable, output impedance 2.2 k ohms and less

Terminals | USB A (DC Out)
---
USB connector (type A)

Terminals | Serial In
---
D-sub 9 pin, RS-232C compliant, for computer control use

Terminals | LAN
---
RJ-45, for network, PJLink™ compatible, 100Base-TX

Power Cord Length
---
3.0 m (9 ft 10 in) (India), 2.0 m (6 ft 7 in) (Other countries)

Cabinet Materials
---
Molded plastic

Dimensions (W x H x D)
---
389 x 125*4x 332mm (15-5/16 x 4-29/32*4x 13-1/16 inches)

Weight *5
---
Approx. 4.9 kg (10.8 lbs)

Noise Level *2
---
37dB (LAMP POWER: NORMAL/ECO1), 29dB (LAMP POWER: ECO2)

Operating Environment | Temperature*6
---
0°C (32°F) to 40°C (104°F) (Elevation: below 1,200 m (3,937'))
0°C (32°F) to 30°C (86°F) (Elevation: 1,200 m (3,937') - 2,700m (8,858'))

Operating Environment | Humidity
---
20% to 80% (no condensation)

Note
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Weights and dimensions shown are approximate. Specifications subject to change without notice.
*1 When the Standby mode is set to Eco, network functions such as power on over the LAN network will not operate.
Also, only certain commands can be received for external control using the serial terminal.
*2 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards.
*3 Only compatible with dot clock frequency of 27 MHz (pixel repetition signal) for 480i (525i) and 576i (625i)
*4 When adjustable feet shortened.
*5 Average value. May differ depending on models.
*6 If [LAMP POWER] set to [NORMAL], [LAMP MODE] will be switched to [ECO1] automatically when the operating environment temperature is 35°C (95°F) to 40°C (104°F).

Brightness
---
5500 lumens

Technology
---
LCD

URL: https://business.panasonic.co.uk/visual-system/Portable-Projector/PT-VX610

CONTACT
Web: https://business.panasonic.co.uk/visual-system/contact-us