

## Premium Portables Bring Bright, Wireless\*<sup>1</sup> Projection to the Office and Classroom with No Mess and No Stress



| PT-VZ580 Series |           |          |           |          |           |          |
|-----------------|-----------|----------|-----------|----------|-----------|----------|
|                 | PT-VZ585N | PT-VZ580 | PT-VW545N | PT-VW540 | PT-VX615N | PT-VX610 |
| Brightness      | 5,000 lm  |          | 5,300 lm  |          | 5,500 lm  |          |
| Resolution      | WUXGA     |          | WXGA      |          | XGA       |          |
| Contrast        | 10,000:1  |          |           |          |           |          |
| Wireless LAN    | Yes       | —        | Yes       | —        | Yes       | —        |
| DIGITAL LINK    | Yes       | —        | Yes       | —        | Yes       | —        |

### High Brightness and Great Pictures in an Eco-friendly Design

- Bright, Large-format Image Projection at Up to 5,500 lm (VX615N/VX610)
- Pin-sharp WUXGA Resolution for Full HD Video via PC (VZ585N/VZ580)
- Lamp and Filter\*<sup>2</sup> Replacement Timing Extended to 7,000 hours\*<sup>3</sup>
- Mechanical Iris Enables 10,000:1 Dynamic Contrast for Text Legibility, Clearer Graphics, and Naturally Balanced Image Quality
- Daylight View Basic Technology Senses Ambient Light for Optimal Pictures in Bright Environments
- Color Adjustment and Color Correction Functions Enhance Image Consistency Across Screens in Multi-unit Applications
- ECO Lamp Power Modes for Efficiency and Eco-friendly Projector Design

### Wireless and Wired Network Functions

- Supports Panasonic Apps for Wireless Media Casting from Android™ and iOS Mobiles\*<sup>1</sup>
- Supports Miracast with Meeting Mode and Cut-in Mode for Collaborative or Managed Presentations\*<sup>4</sup>
- Supports Wireless Manager ME for Wired or Wireless Connection with Windows® PC and Mac Screen Images\*<sup>1</sup>
- QR Code Display Function Simplifies Wireless Connection to Supported Smartphones and Tablets\*<sup>1</sup>
- Compatible with IEEE802.1x Protocol (EAP over LAN) for Secure Network Connection\*<sup>1</sup>
- Compatible with Crestron Connected™, AMX® Device Discovery, and PJLink™ Protocols Over LAN for Control Integration

### Simple, Versatile Connectivity and Operation

- DIGITAL LINK\*<sup>1</sup> Single-cable\*<sup>5</sup> LAN Connection for Long-distance Video and Control Signal Transmission Up to 150 m (492 ft)\*<sup>6</sup>
- Vertical Lens-shift Function Adjusts Images On Screen Without Distortion
- Corner Keystone Correction Image Alignment for Off-axis Projection
- Curved Screen Correction for Projection Onto Curved Screen Surfaces
- Optional Early Warning Software to Monitor Device Status and Send Alerts if Abnormalities are Detected
- Quiet 29 dB\*<sup>7</sup> Operation Minimizes Distractions in Quiet Rooms
- Built-in 10 W Monaural Speaker
- Direct Power Off Function Allows Projector Shutdown from Mains

\*<sup>1</sup> PT-VZ585N/VW545N/VX615N only. \*<sup>2</sup> Filter can be washed and reused twice. If the filter is not sufficiently clean after washing, replacement is advised. Please consult user manual for further information. \*<sup>3</sup> Approximate maximum value with Lamp Mode set to Eco. \*<sup>4</sup> PT-VZ585N/VW545N/VX615N only. Miracast-compatible source device required. \*<sup>5</sup> STP cable CAT 5e or higher required. \*<sup>6</sup> 150 m (492 ft) transmission available only with ET-YFB200G DIGITAL LINK Switcher for signals up to 1080/60p (dot clock frequency 148.5 MHz) in Long Reach Mode. \*<sup>7</sup> With Lamp Mode set to ECO2. 37 dB in Normal/ECO1 Mode.

Specifications (Tentative)

| Model  | PT-VZ585N   | PT-VZ580  | PT-VW545N   | PT-VW540  | PT-VX615N  | PT-VX610  |
|--|---|---|---|---|--|---|
| Power supply   | AC 120 V, 50/60 Hz (North America), AC 110 V, 60 Hz (Taiwan), AC 100–240 V, 50/60 Hz (other countries)  |   |   |   |  |   |
| Power consumption  | TBD   |   |   |   |  |   |
| Standby power consumption  | Standby Mode (ECO)*1  |   |   |   |  |   |
|  | Standby Mode (Normal)   |   |   |   |  |   |
| LCD panel  | Panel size  |   |   |   |  | 0.63 inches (1.60 cm) (4:3 aspect ratio)  |
|  | Display method  |   |   |   |  |   |
|  | Pixels  |   |   | 1,024,000 (1280 × 800) × 3, total of 3,072,000 pixels   |  | 786,432 (1024 × 768) × 3, total of 2,359,296 pixels   |
| Lens   | 1.6x manual zoom (throw ratio: 1.1–1.8:1), manual focus F 1.60–2.12, f 15.30–24.64 mm   |   |   |   |  | 1.6x manual zoom (throw ratio: 1.2–1.9:1), manual focus F 1.60–1.90, f 15.31–24.64 mm                 |
| Lamp   | 280 W UHM lamp × 1  |   |   |   |  |   |
| Screen size (diagonal)   | 30–300 inches   |   |   |   |  |   |
| Brightness*2   | 5,000 lm (input signal: PC, lamp power: Normal, picture mode: Dynamic)  |   | 5,300 lm (input signal: PC, lamp power: Normal, picture mode: Dynamic)              |   | 5,500 lm (input signal: PC, lamp power: Normal, picture mode: Dynamic)                           |   |
| Center-to-corner uniformity*2  | 85 %  |   |   |   |  |   |
| Contrast*2   | 10,000:1 (all white/all black) (input signal: PC, lamp power: Normal, picture mode: Dynamic, Iris: On)  |   |   |   |  |   |
| Resolution   | 1920 × 1200 pixels  |   |   | 1280 × 800 pixels (input signals that exceed this resolution will be converted to 1280 × 800 pixels.) |  | 1024 × 768 pixels (input signals that exceed this resolution will be converted to 1024 × 768 pixels.) |
|  | Scanning frequency  |   |   |   |  |   |
| HDMI   | 480/60i*, 576/50i*, 480/60p, 576/50p, 720/60p, 720/50p, 1080/24p, 1080/24sf, 1080/25p, 1080/30p, 1080/60p, 1080/50p, 1080/60i, 1080/50i   |   |   |   |  |   |
|  | RGB (analog)  |   |   |   |  |   |
|  | YPbPr (YCbCr)   |   |   |   |  |   |
| Video  | FH: 15.73 kHz, IV: 59.94 Hz [480/60], fH: 15.63 kHz, IV: 50 Hz [576/50], fH: 31.47 kHz, IV: 59.94 Hz [480/60], fH: 31.25 kHz, IV: 50 Hz [576/50], fH: 45.00 kHz, IV: 60 Hz [720/60], fH: 37.50 kHz, IV: 50 Hz [720/50], fH: 27.00 kHz, IV: 24 Hz [1080/24p], fH: 27.00 kHz, IV: 48 Hz [1080/24sf], fH: 28.13 kHz, IV: 25 Hz [1080/25p], fH: 33.75 kHz, IV: 30 Hz [1080/30p], fH: 67.50 kHz, IV: 60 Hz [1080/60p], fH: 56.25 kHz, IV: 50 Hz [1080/50p], fH: 33.75 kHz, IV: 60 Hz [1080/60], fH: 28.13 kHz, IV: 50 Hz [1080/50] |   |   |   |  |   |
|  | fH: 15.73 kHz/15.63 kHz, IV: 59.94 Hz/50 Hz (NTSC/NTSC4.43/PAL/PAL60/PAL-N/PAL-M/SECAM)   |   |   |   |  |   |
| Optical axis shift   | Vertical 0→+44 % from center of screen (manual), UID ratio on top end: 17:1   |   |   |   | Vertical 0→+40 % from center of screen (manual), UID ratio on top end: 9:1                       |   |
| Keystone correction range  | Vertical: maximum ±25° (auto/manual, input: WUXGA), Horizontal: maximum ±30° (manual, input: WUXGA)   |   |   | Vertical: maximum ±35° (auto/manual, input: WXGA), Horizontal: maximum ±35° (manual, input: WXGA)     |  | Vertical: maximum ±35° (auto/manual, input: XGA), Horizontal: maximum ±35° (manual, input: XGA)       |
|  | Installation  |   |   |   |  |   |
| Terminals  | HDMI IN: HDMI 19-pin × 2 (Deep Color, compatible with HDCP), audio signal: Linear PCM (sampling frequency: 48 kHz/44.1 kHz/32 kHz)  |   |   |   |  |   |
|  | COMPUTER IN 1: D-sub 15-pin (female) × 1 (RGB/Y • Pb (Cb) • Pr (Cr))  |   |   |   |  |   |
|  | COMPUTER IN 2/MONITOR OUT: D-sub 15-pin (female) × 1 (RGB/Y • Pb (Cb) • Pr (Cr) (input/output switching))   |   |   |   |  |   |
|  | VIDEO IN: Pin jack × 1  |   |   |   |  |   |
|  | AUDIO IN 1: M3 jack (L/R) × 1   |   |   |   |  |   |
|  | AUDIO IN 2: M3 jack (L/R) × 1   |   |   |   |  |   |
|  | AUDIO IN 3: Pin jack (L/R) × 1  |   |   |   |  |   |
|  | AUDIO OUT: M3 jack (L/R) × 1 (monitor out: variable)  |   |   |   |  |   |
|  | SERIAL IN: D-sub 9-pin (female) × 1 for external control (RS-232C compliant)  |   |   |   |  |   |
|  | USB A: Type A for Memory Viewer × 1   |   | USB : Type A for DC output × 1 (for power supply, DC 5V, max. 2A)                   |   | USB A: Type A for Memory Viewer × 1  |   |
|  | USB B: Type B for USB Display × 1   |   | —   |   | USB B: Type B for USB Display × 1  |   |
|  | LAN/DIGITAL LINK: RJ-45 × 1 for network connection, 10Base-T/100Base-TX, compatible with PjLink™  |   | LAN: RJ-45 × 1 for network connection, 10Base-T/100Base-TX, compatible with PjLink™ |   | LAN/DIGITAL LINK: RJ-45 × 1 for network connection, 10Base-T/100Base-TX, compatible with PjLink™ |   |
| LAN: RJ-45 × 1 for network connection, 10Base-T/100Base-TX, compatible with PjLink™  |   | LAN: RJ-45 × 1 for network connection, 10Base-T/100Base-TX, compatible with PjLink™ |   | LAN: RJ-45 × 1 for network connection, 10Base-T/100Base-TX, compatible with PjLink™                   |  |   |
| Built-in speaker   |   |   |   |   |  |   |
| 4.0 cm (1 1/16") round shape × 1, output power: 10 W (monaural)  |   |   |   |   |  |   |
| Operating noise*2  |   |   |   |   |  |   |
| 37 dB (lamp power: Normal/ECO1), 29 dB (lamp power: ECO2)  |   |   |   |   |  |   |
| Cabinet materials  |   |   |   |   |  |   |
| Molded plastic   |   |   |   |   |  |   |
| Dimensions (W × H × D)   |   |   |   |   |  |   |
| 389 × 125*5 × 332 mm (15 5/16" × 4 29/32"*5 × 13 1/16")  |   |   |   |   |  |   |
| Weight*4   |   |   |   |   |  |   |
| Less than 5 kg (11.0 lbs.)   |   |   |   |   |  |   |
| Operating environment  |   |   |   |   |  |   |
| Operating temperature: 0–40 °C (32–104 °F)*5 (altitude: less than 1,200 m [3,937 ft]), 0–30 °C (32–86 °F) (altitude: 1,200–2,700 m [3,937–8,858 ft]), Operating humidity: 20–80 % (no condensation)  |   |   |   |   |  |   |
| Supplied accessories   |   |   |   |   |  |   |
| Wireless remote control unit × 1, Power cord with power cord holder × 1 (x 2 for UK and Asia), Software CD-ROM × 1 (Operating instructions, Multi Monitoring and Control Software, Logo Transfer Software, Wireless Manager ME software [PT-VZ585N/VW545N/VX615N only]), Batteries (AAA type × 2), RGB cable, Lens cap × 1 |   |   |   |   |  |   |

\*1 When the Standby Mode is set to ECO, network functions such as Power On via LAN 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 Pixel-repetition signal (dot clock frequency: 27.0 MHz) only. \*4 Average value. May differ depending on the actual unit. \*5 With legs at shortest position. \*6 When operating temperature is between 35 °C (95 °F) and 40 °C (104 °F), lamp power automatically switches to Eco in order to protect the projector.

|   |   |
|---|---|
| Built-in wireless LAN (PT-VZ585N/VW545N/VX615N) | Standard: 2.4 GHz: IEEE802.11b/g/n, 5.0 GHz: IEEE802.11a/n Infrastructure Mode: WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES), 128-bit/64-bit WEP, WPA-EAP/WPA2-EAP (PEAP [MS-CHAPv2/GTC]/EAP-FAST [MS-CHAPv2/GTC]/EAP-TLS [MD5/MS-CHAPv2]), 128-bit/64-bit, Miracast |
|---|---|

Optional Accessories

- High-Ceiling Mount Bracket  
ET-PKL100H
- Low-Ceiling Mount Bracket  
ET-PKL100S

- Bracket Assembly  
ET-PKV400B
- Replacement Lamp Unit  
ET-LAV400

- Replacement Filter Unit  
ET-RFV410
- Early Warning Software  
ET-SWA100 Series

- DIGITAL LINK Switcher  
ET-YFB200G
- Digital Interface Box  
ET-YFB100G

- Easy Wireless Stick  
ET-UW100\*

\* Availability depends on region.



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