



## World's Smallest and Lightest 8,000 lm\*1 Projector Enhances Communication in Brightly Lit Spaces

### PT-VMZ62

Introducing the VMZ82 Series: the world's smallest and lightest projector in its class<sup>1</sup>, delivering up to 8,000 lm<sup>2</sup> for crisp, vibrant visuals in well-lit spaces. These intuitive LCD projectors integrate seamlessly into any layout, minimizing distractions while simplifying installation with exclusive features. With a stylish body containing recycled plastic and engineered for efficient, low-maintenance operation, the VMZ82 Series revitalizes communication quality in offices, classrooms, and beyond.

#### Key Features

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Clear Projection Tailored to Your Space

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Stress-Free Installation Flexibility

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Efficient and Eco-Conscious Design

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| <b>Projector type</b>   | LCD projectors  |
| <b>Display method</b>   | Transparent LCD panel (x 3, R/G/B)  |
| <b>Display Device -&gt; Panel size</b>                                  | 16.3 mm (0.64 inch) (16:10 aspect ratio)  |
| <b>Display Device -&gt; Number of pixels</b>                            | 2,304,000 (1920 x 1200) pixels x 3  |
| <b>Light source</b>   | Laser diodes  |
| <b>Light output *3</b>  | VMZ82 : 8,000 lm*2<br>VMZ72 : 7,200 lm*2<br>VMZ62 : 6,500 lm*2  |
| <b>Light output (ANSI)</b>  | VMZ82 : 8,000 lm (ANSI)*3<br>VMZ72 : 7,200 lm (ANSI)*3<br>VMZ62 : 6,500 lm (ANSI)*3   |
| <b>Time until light output declines to 50 %</b>                         | 20,000 hours [NORMAL]   |
| -> <b>NORMAL *4</b>   |   |
| <b>Time until light output declines to 50 %</b>                         | 24,000 hours [ECO]  |
| -> <b>ECO *4</b>  |   |
| <b>Time until light output declines to 50 %</b>                         | 20,000 hours [QUIET]  |
| -> <b>QUIET *4</b>  |   |
| <b>Resolution</b>   | WUXGA (1920 x 1200 pixels)  |
| <b>Contrast Ratio (typ.) *3</b>   | 5,000,000:1 (Full On/Full O) (When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1].)  |
| <b>Screen size (diagonal)</b>   | 0.76-7.62 m (30-300 in), 16:10 aspect ratio   |
| <b>Center-to-corner zone ratio</b>                                      | 85 %  |
| <b>Lens</b>   | 1.6x manual zoom (throw ratio: 1.09-1.77:1), manual focus lens, F=1.58-1.91, f=15.30-24.60 mm   |
| <b>Digital Zoom Extender *5</b>   | Throw Ratio 1.09-2.21:1*6 (Corresponding value. When used together with optical zoom.)  |
| <b>Lens shift -&gt; Vertical(from center of screen)</b>                 | +44 %   |
| <b>Lens shift -&gt; Horizontal(from center of screen)</b>               | ±20 %   |
| <b>Keystone correction range *5</b>                                     | Vertical ±25°, Horizontal ±35°  |
| <b>Terminals -&gt; HDMI™ IN</b>   | HDMI™ 19-pin x 2 (Compatible with HDCP, Deep Color, 4K/30p*8 signal input), CEC supported*9   |
| <b>Terminals -&gt; COMPUTER IN ( D-SUB 15pin )</b>                      | D-sub 15-pin (female) (RGB/YpBp/R/Y/C <sup>B</sup> C <sup>R</sup> )   |
| <b>Terminals -&gt; AUDIO IN(M3 Stereo Mini Jack)</b>                    | M3 stereo mini-jack x 1   |
| <b>Terminals -&gt; AUDIO OUT(M3 Stereo Mini Jack)</b>                   | M3 stereo mini-jack x 1   |
| <b>Terminals -&gt; SERIAL IN</b>  | D-sub 9-pin (female) x 1 for computer control (RS-232C compliant)   |
| <b>Terminals -&gt; DIGITAL LINK IN / LAN</b>                            | RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBaseT™ compliant), 100Base-TX (Compatible with PLink™ [Class 2], HDCP, Deep Color, 4K/30p*7 signal input) |
| <b>Terminals -&gt; LAN</b>  | RJ-45 x 1 for network control, 10Base-T, 100Base-TX, compatible with PLink™ [Class 2]   |
| <b>Terminals -&gt; USB TYPE A</b>                                       | USB Connector Type A x 1 for Memory Viewer function, optional AJ-WM50 Series Wireless Module, power supply (DC 5 V, maximum 2 A*9)  |
| <b>Protocol versions</b>  | IPv4, IPv6*10   |
| <b>Power supply</b>   | AC 100-240 V, 50/60 Hz  |
| <b>Maximum power consumption *1</b>                                     | 320 W (3.3 A) (325 VA)<br>(Power consumption is 305 W at 200-240 V)   |
| <b>On-mode power consumption(Operating mode) -&gt; Normal *11</b>       | 280 W (100-240 V), 270 W (200-240 V) [NORMAL]   |
| <b>On-mode power consumption(Operating mode) -&gt; Eco *11</b>          | 215 W (100-240 V), 205 W (200-240 V) [ECO]  |
| <b>On-mode power consumption(Operating mode) -&gt; Quiet *11</b>        | 245 W (100-240 V), 235 W (200-240 V) [QUIET1]<br>210 W (100-240 V), 200 W (200-240 V) [QUIET2]  |
| <b>Built-in speaker</b>   | 10 W monaural   |
| <b>Cabinet materials</b>  | Molded plastic  |
| <b>Filter</b>   | Included  |
| <b>Estimated filter maintenance cycle *12</b>                           | Approx. 20,000 hours  |
| <b>Operation noise -&gt; Normal *3</b>                                  | 35 dB [NORMAL]  |
| <b>Operation noise -&gt; Eco *3</b>                                     | 35 dB [ECO]   |
| <b>Operation noise -&gt; Quiet *2</b>                                   | 30 dB [QUIET1]<br>25 dB [QUIET2]  |
| <b>Dimensions (W x H x D)</b>   | 399 mm x 115 mm x 348 mm (15 23/32" x 4 17/32" x 13 11/16" ) (not including protruding parts)<br>399 mm x 133 mm x 348 mm (15 23/32" x 5 1/4" x 13 11/16" ) (with feet at shortest position)  |
| <b>Weight *7</b>  | Approx. 6.9 kg (15.2 lbs)   |
| <b>Operating environment -&gt; Operating temperature *8</b>             | 0-45 °C (32-113 °F)*14,*15  |
| <b>Operating Environment -&gt; Operating humidity (No condensation)</b> | 20-80 % (no condensation)   |
| <b>Applicable software</b>  | Multi Monitoring & Control Software, Projector Network Setup Software, Presenter Light Software for Windows®*16, Wireless Projector App for iOS/Android™*17                                   |
| <b>Terminals -&gt; SDI IN</b>   | -   |
| <b>Terminals -&gt; DVI-D IN</b>   | -   |

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| <b>Terminals -&gt; DisplayPort™ IN</b>    | —   |
| <b>Body Colour</b>                        | PT-VMZ62-WhitePT-VMZ62EJ-WhitePT-VMZ62B-BlackPT-VMZ62BEJ-BlackPT-VMZ62J-WhitePT-VMZ62D8-White   |
| <b>Gross Dimensions (W x H x D in mm)</b> | VMZ62/VMZ62B/VMZ62J/VMZ62D8: Approx. 538 x 260 x 466 mm<br>VMZ62EJ/VMZ62BEJ: Approx. 546 x 276 x 474 mm   |
| <b>Gross Weight (Kg)</b>                  | VMZ62/VMZ62B: 10.4 kg (23.0 lbs)VMZ62J: 9.7 kg (21.4 lbs)VMZ62D8: 11.0 kg (24.2 lbs)VMZ62EJ/VMZ62BEJ: 11.4 kg (25.2 lbs)  |
| <b>NFC</b>                                | No  |
| <b>Active 3D</b>                          | No  |
| <b>SDM</b>                                | No  |
| <b>EAN</b>                                | PT-VMZ62: 5025232969333<br>PT-VMZ62EJ: 5025232969326<br>PT-VMZ62B: 5025232969364<br>PT-VMZ62BEJ: 5025232969340<br>PT-VMZ62D8: 8887549898921   |
| <b>Footnote Description</b>               | <ol style="list-style-type: none"> <li>1. When [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL].</li> <li>2. Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped.</li> <li>3. Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped.</li> <li>4. Around this time, light output will have decreased to approximately 50 % of its original level ([PICTURE MODE]: [DYNAMIC], [DYNAMIC CONTRAST] set to [2]). Estimated time until light output declines to 50 % varies depending on environment.</li> <li>5. Resolution decreases when using Digital Zoom Extender. Grid Adjustment, 6-Point Screen Correction, V/H Keystone Correction, and curved-screen correction are not available when using this function. The range of corner adjustment is limited.</li> <li>6. When Digital Zoom Extender is set to 80 %.</li> <li>7. 4K signals are converted to the projector's resolution upon projection.</li> <li>8. Depending on the connected CEC command compatible device, the link control may not operate normally.</li> <li>9. On standby, power supply is available with Quick Startup set to ON or Power Management set to Ready.</li> <li>10. The optional AJ-WM50 Series Wireless Module does not support IPv6.</li> <li>11. Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. On-mode power consumption measured at 25 °C (77 °F) operating temperature at an altitude of 700 m (2,297 ft).</li> <li>12. Filter cleaning cycle varies depending on the environment. The filter can be washed and reused up to two times. Filter cleaning cycle: 20,000 hours (under dust conditions of 0.08 mg/m<sup>3</sup>), 10,000 hours (under dust conditions of 0.15 mg/m<sup>3</sup>).</li> <li>13. Average value. May differ depending on the actual unit.</li> <li>14. Light output is limited at operating temperatures higher than 30 °C (86 °F), and projectors cannot be operated at altitudes higher than 2,700 m (8,858 ft) above sea level.</li> <li>15. When the optional AJ-WM50 Series Wireless Module is attached, the operating temperature range becomes 0–40 °C (32–104 °F).</li> <li>16. When using Presenter Light Software, images are projected with 1280 x 800 dots or 1024 x 768 dots onto the screen. Also, your PC display resolution may be forcibly changed, and audio playback disrupted or become noisy while images and sound are being transmitted.</li> <li>17. When using the Wireless Projector app, display resolution differs depending on your iOS/Android™ device and the display device. The maximum supported display resolution is WXGA (1280 x 800).</li> </ol> |