



**O mais pequeno e leve projetor de 8.000 lm\*1 do mundo melhora a comunicação em espaços muito iluminados**

## PT-VMZ82

Apresentamos a série VMZ82: o mais pequeno e mais leve projetor do mundo na sua classe<sup>1</sup>, com até 8.000 lm<sup>2</sup> para imagens nítidas e vibrantes em espaços bem iluminados. Esses projetores LCD intuitivos se integram perfeitamente a qualquer layout, minimizando as distrações e simplificando a instalação com recursos exclusivos. Com um corpo elegante contendo plástico reciclado e projetado para operação eficiente e de baixa manutenção, a série VMZ82 revitaliza a qualidade da comunicação em escritórios, salas de aula e muito mais.

### Key Features

Projeção clara adaptada ao seu espaço

Flexibilidade de instalação sem estresse

Design eficiente e ecologicamente correto



## PT-VMZ82

<https://latam.connect.panasonic.com/bo/pt/produtos/projetores/pt-vmz82>

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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</b>  | VMZ82 : 8,000 lm <sup>*2</sup><br>VMZ72 : 7,200 lm <sup>*2</sup><br>VMZ62 : 6,500 lm <sup>*2</sup>  |
| <b>Light output (ANSI)</b>                                     | VMZ82 : 8,000 lm (ANSI) <sup>*3</sup><br>VMZ72 : 7,200 lm (ANSI) <sup>*3</sup><br>VMZ62 : 6,500 lm (ANSI) <sup>*3</sup>   |
| <b>Time until light output declines to 50 %</b>                | 20,000 hours [NORMAL]   |
| <b>-&gt; NORMAL</b>  |   |
| <b>Time until light output declines to 50 %</b>                | 24,000 hours [ECO]  |
| <b>-&gt; ECO</b>   |   |
| <b>Time until light output declines to 50 %</b>                | 20,000 hours [QUIET]  |
| <b>-&gt; QUIET</b>   |   |
| <b>Resolution</b>  | WUXGA (1920 x 1200 pixels)  |
| <b>Contrast Ratio (typ.)</b>                                   | 5,000,000:1 (Full On/Full Off) (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</b>                                   | Throw Ratio 1.09–2.21:1 <sup>*6</sup> (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</b>                               | Vertical ±25 %, Horizontal ±35 %  |
| <b>Terminals -&gt; HDMI™ IN</b>                                | HDMI™ 19-pin x 2 (Compatible with HDCP, Deep Color, 4K/30p <sup>*7</sup> signal input), CEC supported <sup>*8</sup>   |
| <b>Terminals -&gt; COMPUTER IN (D-SUB 15pin)</b>               | D-sub 15-pin (female) (RGB/YPbPr/YCbCr)   |
| <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 <sup>*7</sup> 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 <sup>*9</sup> )   |
| <b>Protocol versions</b>                                       | IPv4, IPv6 <sup>*10</sup>   |
| <b>Power supply</b>  | AC 100–240 V, 50/60 Hz  |
| <b>Maximum power consumption</b>                               | 400 W (4.2 A) (405 VA)<br>(Power consumption is 385 W at 200–240 V)   |
| <b>On-mode power consumption (Operating mode) -&gt; Normal</b> | 365 W (100–240 V), 350 W (200–240 V) [NORMAL]   |
| <b>On-mode power consumption (Operating mode) -&gt; Eco</b>    | 260 W (100–240 V), 250 W (200–240 V) [ECO]  |
| <b>On-mode power consumption (Operating mode) -&gt; Quiet</b>  | 305 W (100–240 V), 295 W (200–240 V) [QUIET1]<br>255 W (100–240 V), 245 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</b>                      | Approx. 20,000 hours  |
| <b>Operation noise -&gt; Normal</b>                            | 39 dB [NORMAL]  |
| <b>Operation noise -&gt; Eco</b>                               | 39 dB [ECO]   |
| <b>Operation noise -&gt; Quiet</b>                             | 34 dB [QUIET1]<br>29 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)                |

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|---|---|
| <b>Weight</b>   | Approx. 7.4 kg (16.3 lbs)   |
| <b>Operating environment -&gt; Operating temperature</b>                | 0–45 °C (32–113 °F) <sup>*14, *15</sup>   |
| <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® <sup>*16</sup> , Wireless Projector App for iOS/Android <sup>TM</sup> <sup>*17</sup>   |
| <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<sup>TM</sup> device and the display device. The maximum supported display resolution is WXGA (1280 x 800).</li> </ol> |