



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

### PT-VMZ82

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

<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 *1</b>	VMZ82 : 8,000 lm*2 VMZ72 : 7,200 lm*2 VMZ62 : 6,500 lm*2
<b>Light output (ANSI)</b>	VMZ82 : 8,000 lm (ANSI)*3 VMZ72 : 7,200 lm (ANSI)*3 VMZ62 : 6,500 lm (ANSI)*3
<b>Time until light output declines to 50 %</b>	20,000 hours [NORMAL]
-> <b>NORMAL *3</b>	
<b>Time until light output declines to 50 %</b>	24,000 hours [ECO]
-> <b>ECO *3</b>	
<b>Time until light output declines to 50 %</b>	20,000 hours [QUIET]
-> <b>QUIET *5</b>	
<b>Resolution</b>	WUXGA (1920 x 1200 pixels)
<b>Contrast Ratio (typ.) *1</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 *1</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 *7</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) *4</b>	+44 %
<b>Lens shift -&gt; Horizontal(from center of screen) *4</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*8 signal input), CEC supported*9
<b>Terminals -&gt; COMPUTER IN ( D-SUB 15pin )</b>	D-sub 15-pin (female) (RGB/YpBp/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*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</b>	400 W (4.2 A) (405 VA) (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 *13 *14</b>	305 W (100-240 V), 295 W (200-240 V) [QUIET1] 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 *1</b>	39 dB [NORMAL]
<b>Operation noise -&gt; Eco</b>	39 dB [ECO]
<b>Operation noise -&gt; Quiet *1</b>	34 dB [QUIET1] 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) 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. 7.4 kg (16.3 lbs)
<b>Operating environment -&gt; Operating temperature *8 *9</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>	-
<b>Terminals -&gt; DisplayPort™ IN</b>	-

<b>Body Colour</b>	PT-VMZ82-WhitePT-VMZ82EJ-WhitePT-VMZ82B-BlackPT-VMZ82BEJ-BlackPT-VMZ82J-WhitePT-VMZ82D8-White
<b>Gross Dimensions (W x H x D in mm)</b>	VMZ82/VMZ82B/VMZ82J/VMZ82D8: Approx. 538 x 260 x 466 mm VMZ82EJ/VMZ82BEJ: Approx. 546 x 276 x 474 mm
<b>Gross Weight (Kg)</b>	VMZ82/VMZ82B: 11.0 kg (24.2 lbs)VMZ82J: 10.2 kg (22.5 lbs)VMZ82D8: 11.5 kg (25.4 lbs)VMZ82EJ/VMZ82BEJ: 12.0 kg (26.4 lbs)
<b>NFC</b>	No
<b>Active 3D</b>	No
<b>SDM</b>	No
<b>EAN</b>	PT-VMZ82: 5025232969845 PT-VMZ82EJ: 5025232969258 PT-VMZ82B: 5025232969272 PT-VMZ82BEJ: 5025232969265 PT-VMZ82D8: 8887549898907
<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>