

### World's Smallest and Lightest 8,000 lm<sup>1</sup> Projector Enhances Communication in Brightly Lit Spaces

Note: Among projectors with 8,000 lm or more (PT-VMZ82), 7,300 lm or more (PT-VMZ72), and 6,500 lm or more (PT-VMZ62) as of March 2025, according to Panasonic's research.



White Models



Black Models

#### • Clear Projection Tailored to Your Space

Delivering up to 8,000 lm<sup>1</sup> from the smallest and lightest body in its class<sup>2</sup>, the VMZ82 Series ensures exceptional clarity in bright environments. Proprietary 5,000,000:1<sup>3</sup> Dynamic Contrast sharply defines light and dark areas for heightened realism. Daylight View Basic optimizes image quality based on ambient lighting, ensuring clear visibility in open, well-lit meeting spaces and classrooms. Vivid Green Mode enhances color vibrancy for applications such as golf simulation.

#### • Stress-Free Installation Flexibility

Weighing just 7.4 kg (16.3 lbs)<sup>4</sup>, this compact projector integrates seamlessly and unobtrusively into any space, projecting a 100-inch image from just 2.35 m (7.54 ft). Its 1.6x optical zoom (throw ratio: 1.09–1.77:1), V/H lens shift, and Digital Zoom Extender provide exceptional installation flexibility. Curved Screen Correction and Angle Monitor<sup>5</sup> streamline setup.

#### • Efficient and Eco-Conscious Design

Sustainability is central to the VMZ82 Series. Energy efficiency has improved by 27%<sup>6</sup> over the current series. The projector's body plastic incorporates 59%<sup>7</sup> recycled resin, and eco-friendly cardboard insulation replaces foam in packaging. Image Detection function<sup>8</sup> saves energy when the projector is not in active use, while a new built-in scheduling feature supports automated operation according to a daily schedule, optimizing resource management.

| PT-VMZ82 Series |   |   |   |
|-----------------|---|---|---|
|                 | PT-VMZ82  | PT-VMZ72  | PT-VMZ62  |
| Light Output    | 8,000 lm <sup>1</sup> /<br>8,000 lm (ANSI) <sup>9</sup> | 7,300 lm <sup>1</sup> /<br>7,300 lm (ANSI) <sup>9</sup> | 6,500 lm <sup>1</sup> /<br>6,500 lm (ANSI) <sup>9</sup> |
| Resolution      | WUXGA (1920 x 1200 pixels)                              |   |   |



<sup>1</sup> Measured when [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL]. Measurement, measuring conditions, and notation method comply with ISO/IEC 21118: 2020 international standards. Value is the average of all products when shipped. <sup>2</sup> Among projectors with 8,000 lm or more (PT-VMZ82), 7,300 lm or more (PT-VMZ72), and 6,500 lm or more (PT-VMZ62) as of March 2025, according to Panasonic's research. <sup>3</sup> Full On/Full Off when [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1]. The measurement, measuring conditions, and notation method comply with ISO/IEC 21118: 2020 international standards. Value is the average of all products when shipped. <sup>4</sup> For the PT-VMZ82. For the weights of other models, please see the specifications overleaf. <sup>5</sup> The displayed values are based on the results of angle sensor detection and may differ from the actual projection angle. They are for reference only, and accuracy is not guaranteed. <sup>6</sup> PT-VMZ72 (21.2 lm/W) compared to the PT-VMZ71 (16.7 lm/W) in [NORMAL] mode, according to Panasonic research. <sup>7</sup> By total weight of plastic parts in the projector main unit. Excludes printed circuit boards, labels, cables, connectors, electronic components, optical components, ESD components, EMI component adhesives, and coatings. <sup>8</sup> Settings cannot be made when [DYNAMIC CONTRAST] is set to anything other than [OFF], [ECO MANAGEMENT] → [AUTO POWER SAVE] is set to [OFF], [ECO MANAGEMENT] → [LIGHT POWER] is set to anything other than [NORMAL], [TEST PATTERN] is displayed there is no signal. Image Detection function is supported when the input signal is transmitted via HDMI™ or COMPUTER IN terminals. <sup>9</sup> Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped. <sup>10</sup> 4K/30p input signals are converted to the projector's resolution (1920 x 1200 pixels). YPBPR 4:2:0 format only for 4K/30p signals input via DIGITAL LINK. <sup>11</sup> Requires the AI-WM50 Series Wireless Module (sold separately). Availability may vary by country or region.

## Specifications

| Model   | PT-VMZ82   | PT-VMZ72   | PT-VMZ62  |                                      |
|---|--|--|---|--------------------------------------|
| Projector type  | LCD projectors   |  |   |                                      |
| LCD panel   | Panel size   | 16.3 mm (0.64 inch) (16:10 aspect ratio)   |   |                                      |
|   | Display method   | Transparent LCD panel (x 3, R/G/B)   |   |                                      |
|   | Pixels   | 2,304,000 (1920 x 1200) pixels x 3   |   |                                      |
| Light source  | Laser diodes   |  |   |                                      |
| Light output <sup>1</sup>                                 | 8,000 lm <sup>2</sup> / 8,000 lm (ANSI) <sup>3</sup>   | 7,300 lm <sup>2</sup> / 7,300 lm (ANSI) <sup>3</sup>   | 6,500 lm <sup>2</sup> / 6,500 lm (ANSI) <sup>3</sup>                |                                      |
| Time until light output declines to 50 % <sup>4</sup>     | 20,000 hours (NORMAL/QUIET), 24,000 hours (ECO)  |  |   |                                      |
| Resolution  | WUXGA (1920 x 1200 pixels)   |  |   |                                      |
| Contrast ratio <sup>2</sup>                               | 5,000,000:1 (Full On/Full Off) (When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1].)   |  |   |                                      |
| Screen size (diagonal)                                    | 0.76–7.62 m (30–300 in), 16:10 aspect ratio  |  |   |                                      |
| Center-to-corner zone ratio <sup>2</sup>                  | 85 %   |  |   |                                      |
| Lens  | 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  |  |   |                                      |
| Digital Zoom Extender <sup>5</sup>                        | Throw Ratio 1.09–2.21:1 <sup>6</sup> (Corresponding value. When used together with optical zoom.)  |  |   |                                      |
| Lens shift<br>(From the origin point of the lens mounter) | Vertical   | +44 %  |   |                                      |
|   | Horizontal   | ±20 %  |   |                                      |
| Keystone correction range                                 | Vertical ±25 %, Horizontal ±35 %   |  |   |                                      |
| Terminals   | HDMI™ 1/2 IN   | HDMI™ 19-pin x 2 (Compatible with HDCP, Deep Color, 4K/30p <sup>7</sup> signal input), CEC supported <sup>8</sup>  |   |                                      |
|   | COMPUTER IN  | D-sub 15-pin (female) (RGB/Y/PbPr/YCbCr)   |   |                                      |
|   | AUDIO IN   | M3 stereo mini-jack x 1  |   |                                      |
|   | AUDIO OUT  | M3 stereo mini-jack x 1  |   |                                      |
|   | SERIAL IN  | D-sub 9-pin (female) x 1 for computer control (RS-232C compliant)  |   |                                      |
|   | DIGITAL LINK/LAN   | 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) |   |                                      |
|   | LAN  | RJ-45 x 1 for network control, 10Base-T, 100Base-TX, compatible with PLink™ [Class 2]  |   |                                      |
|   | USB (VIEWER/WIRELESS/DC OUT)   | 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> )   |   |                                      |
| Protocol versions   | IPv4, IPv6 <sup>10</sup>   |  |   |                                      |
| Power supply  | AC 100–240 V, 50/60 Hz   |  |   |                                      |
| Maximum power consumption <sup>11</sup>                   | 400 W (4.2 A) (405 VA)<br>(Power consumption is 385 W at 200–240 V)  | 345 W (3.6 A) (350 VA)<br>(Power consumption is 335 W at 200–240 V)  | 320 W (3.3 A) (325 VA)<br>(Power consumption is 305 W at 200–240 V) |                                      |
| On-mode power consumption (Operating mode) <sup>11</sup>  | NORMAL   | 365 W (100–240 V), 350 W (200–240 V)   | 310 W (100–240 V), 295 W (200–240 V)                                | 280 W (100–240 V), 270 W (200–240 V) |
|   | ECO  | 260 W (100–240 V), 250 W (200–240 V)   | 235 W (100–240 V), 225 W (200–240 V)                                | 215 W (100–240 V), 205 W (200–240 V) |
|   | QUIET 1  | 305 W (100–240 V), 295 W (200–240 V)   | 270 W (100–240 V), 260 W (200–240 V)                                | 245 W (100–240 V), 235 W (200–240 V) |
|   | QUIET 2  | 255 W (100–240 V), 245 W (200–240 V)   | 230 W (100–240 V), 220 W (200–240 V)                                | 210 W (100–240 V), 200 W (200–240 V) |
| Built-in speaker  | 10 W monaural  |  |   |                                      |
| Cabinet materials   | Molded plastic   |  |   |                                      |
| Filter <sup>12</sup>                                      | Included (Estimated maintenance time: approx. 20,000 hours)  |  |   |                                      |
| Operation noise <sup>2</sup>                              | 39 dB (NORMAL/ECO), 34 dB (QUIET 1), 29 dB (QUIET 2)   | 37 dB (NORMAL/ECO), 32 dB (QUIET 1), 27 dB (QUIET 2)   | 35 dB (NORMAL/ECO), 30 dB (QUIET 1), 25 dB (QUIET 2)                |                                      |
| Dimensions (W x H x D)                                    | 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) |  |   |                                      |
| Weight <sup>13</sup>                                      | Approx. 7.4 kg (16.3 lbs)  | Approx. 7.0 kg (15.4 lbs)  | Approx. 6.9 kg (15.2 lbs)   |                                      |
| Operating environment                                     | Operating temperature: 0–45 °C (32–113 °F) <sup>14,15</sup> , Operating humidity: 20–80 % (no condensation)  |  |   |                                      |
| Applicable software                                       | Multi Monitoring & Control Software, Projector Network Setup Software, Presenter Light Software for Windows <sup>16</sup> , Wireless Projector App for iOS/Android <sup>17</sup>           |  |   |                                      |

<sup>1</sup> When [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL]. <sup>2</sup> Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped. <sup>3</sup> Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped. <sup>4</sup> 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. <sup>5</sup> 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. <sup>6</sup> When Digital Zoom Extender is set to 80 %. <sup>7</sup> 4K signals are converted to the projector's resolution upon projection. <sup>8</sup> Depending on the connected CEC command compatible device, the link control may not operate normally. <sup>9</sup> On standby, power supply is available with Quick Startup set to ON or Power Management set to Ready. <sup>10</sup> The optional AJ-WM50 Series Wireless Module does not support IPv6. <sup>11</sup> 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). <sup>12</sup> 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 0.05 mg/m<sup>3</sup>), 10,000 hours (under dust conditions of 0.15 mg/m<sup>3</sup>). <sup>13</sup> Average value. May differ depending on the actual unit. <sup>14</sup> 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. <sup>15</sup> When the optional AJ-WM50 Series Wireless Module is attached, the operating temperature range becomes 0–40 °C (32–104 °F). <sup>16</sup> 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. <sup>17</sup> 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 WUXGA (1280 x 800).

## Optional Accessories

- **Ceiling Mount Bracket**  
ET-PKL100H (for high ceilings) / ET-PKL100S (for low ceilings)  
Note: ET-PKL100H/PKL100S used in combination with ET-PKV400B (sold separately).
- **Projector Mount Bracket**  
ET-PKV400B
- **Replacement Filter Unit**  
ET-RFV500
- **Wireless Module**  
AJ-WM50 Series  
Note: product availability may vary by country or region. The suffix at the end of the model number is omitted. Operating temperature: 0–40 °C (32–104 °F).
- **Wireless Presentation System PressIT**  
TY-WPS2 (basic set)  
Note: visit <https://docs.connect.panasonic.com/prodisplays/products/ty-wps2/> for more information.

# Panasonic CONNECT



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