

# Panasonic CONNECT

Revitalize Sustainability  
and Image Quality  
in Classrooms and  
the Workplace

White Models

Black Models

## ■ Main Features

### 01

The eco-friendly MZ882 Series projector body is crafted using about 10% <sup>1</sup> recycled resins to reduce environmental impact through its lifecycle. With an 8% <sup>2</sup> efficiency improvement over previous models and a new Auto Power On function, it saves energy and enhances usability. Multi Laser Drive Engine and ECO Filter reduce maintenance and waste and underscore the projector's long-life reliability, making it an ideal choice for sustainability-minded organizations.

### 02 Bright and Sharp for Comfortable Viewing

MZ882 Series delivers outstanding image quality with well-balanced brightness and color, a high dynamic contrast ratio of 3,000,000:1 <sup>3</sup>, and smooth detail definition. Daylight View Basic optimizes image visibility according to lighting levels. Coupled with Detail Clarity Processor 4, which sharpens details and text, the projector ensures striking visual quality even in brightly lit rooms, while quiet 25 dB <sup>4</sup> operation keeps attention focused during presentations.

### 03 Streamlined Workflow and Smooth UX

Enjoy resource-friendly setup and operation with 4K input signal <sup>5</sup> compatibility and support for CEC control commands <sup>6</sup> via three HDMI™ inputs. Geo Pro<sup>7</sup> and Geometric Adjustment streamline multi-screen setup, while a new posture detection gyro sensor function makes projection angle adjustment possible with one person. Optional powered lenses with wide-range lens shift, including an ultra-short-throw zoom lens, cater to diverse needs, ensuring hassle-free installation and outstanding image quality. MZ882 Series can also display 21:9 and 27:9 widescreen <sup>8</sup> content.

| PT-MZ882 Series |                       |                       |                       |
|-----------------|-----------------------|-----------------------|-----------------------|
|                 | PT-MZ882              | PT-MZ782              | PT-MZ682              |
| Light Output    | 8,200 lm <sup>9</sup> | 7,500 lm <sup>9</sup> | 6,500 lm <sup>9</sup> |
| Resolution      | WUXGA                 |                       |                       |

Note: Lens equivalent to ET-ELS20 included.



ACCEPTS



<sup>1</sup> By weight of the total weight of plastic parts in the projector main unit. Excludes projection lenses, printed circuit boards, labels, cables, connectors, electronic components, optical components, ESD components, EMI component adhesives, and coatings. <sup>2</sup> PT-MZ882 (8,200 lm, max. power consumption 465 W, 17.6 lm/W) compared to the PT-MZ880 (8,000 lm, max. power consumption 490 W, 16.3 lm/W). <sup>3</sup> Full On/Full Off, when [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1] or [2]. Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is the average of all products when shipped. <sup>4</sup> For the PT-MZ682 in QUIET Mode. Operating noise values are as follows: PT-MZ882: 34 dB (NORMAL/ECO Mode), 26 dB (QUIET Mode); PT-MZ782: 32 dB (NORMAL/ECO Mode), 26 dB (QUIET Mode); PT-MZ682: 32 dB (NORMAL/ECO Mode), 25 dB (QUIET Mode). <sup>5</sup> 4K input signals are converted to the projector's resolution (1920 x 1200 pixels) upon projection. <sup>6</sup> PC 4:2:0 format only for 4K/60p and 4K/50p signals input via DIGITAL LINK. <sup>7</sup> Depending on the connected CEC command-compatible device, the link control may not operate normally. <sup>8</sup> Visit PASS to register your projector and download free Geometry Manager Pro software for Windows®. MZ882 Series does not support some functions available in Geo Pro software. <sup>9</sup> PT-MZ882 series supports 1920 x 810 (21:9) and 1920 x 640 (27:9) wide-aspect-ratio signals. <sup>9</sup> Measurement, measuring conditions, and notation methods all comply with ISO/IEC 21118: 2020 international standards. Value is the average of all products when shipped.

Other Features

- Supports Art-Net DMX, PJLink™, and Crestron Connected®
- Remote control lock function
- Compatible with the Smart Projector Control app<sup>1</sup>
- Works with Wireless Presentation System PressIT™<sup>2</sup>
- DICOM Simulation Mode
- Contrast Sync and Shutter Sync
- Data cloning function via LAN<sup>3</sup>
- Quick Start/Quick Off and Direct Off

Learn More

For more information, please scan the QR code to access the PT-MZ882 Series product webpage at our global projector website.



<sup>1</sup> Available free from the App Store or the Google Play Store. Please check device compatibility before installation. Note that some app functions are not supported by this projector series. <sup>2</sup> Wireless Presentation System PressIT is sold separately. Availability may vary by country or region. <sup>3</sup> The data-cloning function is supported among models in the same series with the same resolution. It excludes passwords, projector IDs, and network settings.

Specifications

| Model   | PT-MZ882   | PT-MZ782  | PT-MZ682   |
|---|--|---|--|
| Projector type  | LCD projectors   |   |  |
| LCD panel   | Panel size   | 19.3 mm (0.76 in) diagonal (16:10 aspect ratio)   |  |
|   | Pixels   | 2,304,000 (1920 x 1200) pixels x 3  |  |
| Light source  | Laser diodes   |   |  |
| Light output <sup>1,2</sup>                             | 8,200 lm   | 7,500 lm  | 6,500 lm   |
| Time until light output declines to 50% <sup>3</sup>    | 20,000 hours (NORMAL/QUIET), 24,000 hours (ECO)  |   |  |
| Resolution  | WUXGA (1920 x 1200 pixels)   |   |  |
| Contrast ratio <sup>4</sup>                             | 3,000,000:1 (Full On/Full Off) (When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1] or [2]. HDMI™ signal input)                                   |   |  |
| Screen size (diagonal)                                  | 1.02–10.16 m (40–400 in), 1.52–10.16 m (60–400 in) with the ET-ELW22, 2.54–10.16 m (100–400 in) with the ET-ELU20, 16:10 aspect ratio                                      |   |  |
| Center-to-corner zone ratio <sup>1</sup>                | 85%  |   |  |
| Lens  | Powered zoom (throw ratio 1.61–2.76:1), powered focus F = 1.7–2.3, f = 26.8–45.5 mm (for supplied lens; optional lenses also available)                                    |   |  |
| Lens shift (From the origin point of the lens mounter)  | Vertical   | ±67% (powered), ±60% (with ET-ELW22), ±50% (with ET-ELU20)  |  |
|   | Horizontal   | ±35% (powered), ±30% (with ET-ELW22), ±24% (with ET-ELU20)  |  |
| Keystone correction range                               | Vertical: ±2.5° (±2.2° with ET-ELW21/ET-ELW22); (±5° with ET-ELU20), Horizontal: ±3.0° (±1.5° with ET-ELW21/ET-ELW22); (0° with ET-ELU20)                                  |   |  |
| Terminals   | HDMI™ IN   | HDMI™ x 3 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input <sup>5</sup> ), CEC supported  |  |
|   | COMPUTER IN  | D-sub HD 15-pin (female) x 1 (RGB/Y/P bPr/YCbCr)  |  |
|   | MONITOR OUT  | D-sub HD 15-pin (female) x 1 (RGB/Y/P bPr/YCbCr)  |  |
|   | SERIAL/MULTI SYNC IN   | D-sub 9-pin (female) x 1 for external control/link control (RS-232C compliant)  |  |
|   | MULTI SYNC OUT   | D-sub 9-pin (male) x 1 for link control   |  |
|   | REMOTE 1 IN  | M3 stereo mini-jack x 1 for wired remote control  |  |
|   | REMOTE 2 IN  | D-sub 9-pin (female) x 1 for external control (parallel)  |  |
|   | AUDIO IN   | M3 stereo mini-jack x 1   |  |
|   | AUDIO OUT  | M3 stereo mini-jack x 1   |  |
|   | DIGITAL LINK/LAN   | RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBase™ compliant), 100Base-TX (Compatible with PJLink™ [Class 2], Art-Net, HDCP 2.3, Deep Color, 4K/60p <sup>4,5</sup> signal input) |  |
|   | LAN  | RJ-45 x 1 for network connection, 10Base-T, 100Base-TX (Compatible with PJLink™ [Class 2], Art-Net)   |  |
|   | DC OUT   | USB Type A x 1 (for power supply, DC 5 V, 2 A)  |  |
| Power supply  | AC 100–240 V, 50 Hz/60 Hz  |   |  |
| Maximum power consumption <sup>6</sup>                  | 465 W (5.0–2.0 A) (475 VA)<br>(Power consumption is 445 W at AC 200–240 V)   | 435 W (4.7–1.9 A) (445 VA)<br>(Power consumption is 415 W at AC 200–240 V)  | 360 W (4.1–1.6 A) (385 VA)<br>(Power consumption is 345 W at AC 200–240 V) |
| On-mode power consumption (Operating mode) <sup>6</sup> | NORMAL   | 415 W (AC 100–120 V), 395 W (AC 200–240 V)  | 385 W (AC 100–120 V), 365 W (AC 200–240 V)                                 |
|   | ECO  | 295 W (AC 100–120 V), 285 W (AC 200–240 V)  | 275 W (AC 100–120 V), 265 W (AC 200–240 V)                                 |
|   | QUIET  | 290 W (AC 100–120 V), 280 W (AC 200–240 V)  | 275 W (AC 100–120 V), 265 W (AC 200–240 V)                                 |
| Filter  | Included (Estimated maintenance time: approx. 20,000 hours)  |   |  |
| Operation noise <sup>1</sup>                            | 34 dB (NORMAL/ECO), 26 dB (QUIET)  | 32 dB (NORMAL/ECO), 26 dB (QUIET)   | 32 dB (NORMAL/ECO), 25 dB (QUIET)  |
| Dimensions (W x H x D)                                  | 561 x 224 x 439 mm (22 3/32 x 8 13/16 x 17 9/32 ) (With legs at shortest position, including lens and protruding parts)  |   |  |
| Weight <sup>7</sup>                                     | Approx. 18.6 kg (41.0 lbs) (with supplied lens)  |   | Approx. 17.6 kg (38.8 lbs) (with supplied lens)                            |
| Operating environment                                   | Operating temperature: 0–45 °C (32–113 °F) <sup>8</sup> , operating humidity: 20–80% (no condensation)   |   |  |
| Applicable software                                     | Logo Transfer Software, Multi Monitoring & Control Software, Projector Network Setup Software, Smart Projector Control for iOS/Android™, Geometry Manager Pro <sup>9</sup> |   |  |

<sup>1</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>2</sup> When [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL]. <sup>3</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>4</sup> 4K signals are converted to the projector's resolution (1920 x 1200 pixels) upon projection. <sup>5</sup> YPrCbPr 4:2:0 format only for 4K/60p and 4K/50p signals input via DIGITAL LINK. <sup>6</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>7</sup> Average value. May differ depending on the actual unit. <sup>8</sup> Note that the projector cannot be used at altitudes 2,700 m (8,858 ft) or higher above sea level. In the following operating environments, light output may be reduced to protect the projector: when the projector is used at altitudes below 700 m (2,297 ft) and ambient temperature is 36 °C (97 °F) or higher; when the projector is used at altitudes between 700 m (2,297 ft) and 1,400 m (4,593 ft) exclusive and ambient temperature is 34 °C (93 °F) or higher; when the projector is used at altitudes between 1,400 m (4,593 ft) and 2,100 m (6,890 ft) exclusive and ambient temperature is 32 °C (90 °F) or higher; and when the projector is used at altitudes between 2,100 m (6,890 ft) and 2,700 m (8,858 ft) exclusive and ambient temperature is 30 °C (86 °F) or higher. <sup>9</sup> This projector series does not support some functions available in Geo Pro software.

Optional Accessories

- Fixed-Focus Lens  
ET-ELW21 (0.764:1)
- Zoom Lens  
ET-ELU20 (0.330–0.353:1) / ET-ELW22 (0.786–0.983:1) / ET-ELW20 (1.21–1.66:1) / ET-ELS20 (1.61–2.76:1) / ET-ELT22 (2.72–4.48:1) / ET-ELT23 (4.44–7.12:1)  
<sup>1</sup> Availability may vary by country or region. ET-ELS20 is equivalent to the supplied lens.
- Ceiling Mount Bracket  
ET-PKD130H (6-axis, for high ceiling)  
ET-PKD120H (for high ceiling)  
ET-PKD120S (for low ceiling)  
Note: Use ET-PKD120H, ET-PKD120S, and ET-PKD130H in combination with the optional ET-PKE301B (sold separately).  
ET-PKD130H is recommended with the ET-ELU20 lens.
- Attachment for Ceiling Mount Bracket  
ET-PKE301B
- Replacement Filter  
ET-RFM200
- DIGITAL LINK Switcher  
ET-YFB200G  
Note: ET-YFB200G is incompatible with 4K signals.
- Wireless Presentation System PressIT™  
TY-WPS1 (Basic set)  
Note: Availability may vary by country or region. Visit <https://panasonic.net/cns/prodisplays/pressit> for more information.

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Projector Global Website – <https://panasonic.net/cns/projector/>  
Facebook – [www.facebook.com/panasonicprojectoranddisplay](http://www.facebook.com/panasonicprojectoranddisplay)  
YouTube – [www.youtube.com/user/PanasonicProjector](http://www.youtube.com/user/PanasonicProjector)

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