



**New LCD Laser Projectors Deliver Well-Balanced Color and Brightness with Seamless Integration into Corporate, Education, and Museum Environments**

## PT-MZ880

The Series features PT-MZ880 (8,000 lm), PT-MZ780 (7,000 lm), and PT-MZ680 (6,000 lm) WUXGA models with a refined Multi-Laser Drive Engine for the optimal balance of high brightness, vivid colour, and low-maintenance operation. \*1 Measurement, measuring conditions, and method of notation are all compliant with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped.

### Key Features

Laser LCD, 8,000 lumens, WUXGA

Compact and lightweight body, designed with ultra-low noise operation (26dB)

Wide Lens shift area and Ultra-Short Throw lens to expand installation capability

Edge Blending function to realize versatile space creation

Significant contribution to sustainability thanks to low Power consumption and Washable Eco Filter



## PT-MZ880

<https://ap.connect.panasonic.com/sg/en/products/projectors/pt-mz880>

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|--|---|
| <b>Projector type</b>  | LCD projector   |
| <b>Display method</b>  | Transparent LCD panel (x 3, R/G/B)  |
| <b>Display Device -&gt; Panel size</b>                           | 19.3 mm (0.76") diagonal (16:10 aspect ratio)   |
| <b>Display Device -&gt; Drive method</b>                         | Active matrix method  |
| <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 *2 *3</b>                                     | 8,000 lm  |
| <b>Light output (ANSI) *4</b>                                    | 8,000 lm  |
| <b>Time until light output declines to 50 %</b>                  | 20,000 hours [NORMAL]   |
| <b>-&gt; NORMAL *6</b>   |   |
| <b>Time until light output declines to 50 %</b>                  | 24,000 hours [ECO]  |
| <b>-&gt; ECO *6</b>  |   |
| <b>Time until light output declines to 50 %</b>                  | 20,000 hours [QUIET]  |
| <b>-&gt; QUIET *6</b>  |   |
| <b>Resolution</b>  | WUXGA (1920 x 1200 pixels)  |
| <b>Contrast Ratio (typ.) *3</b>                                  | 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)  |
| <b>Screen size (diagonal)</b>                                    | 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   |
| <b>Center-to-corner zone ratio *3</b>                            | 85%   |
| <b>Lens</b>  | 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)   |
| <b>Lens shift -&gt; Vertical(from center of screen)</b>          | ±67 % (powered) (for supplied lens; optional lenses also available*4)   |
| <b>Lens shift -&gt; Horizontal(from center of screen)</b>        | ±35 % (powered) (for supplied lens; optional lenses also available*4)   |
| <b>Keystone correction range</b>                                 | Vertical: ±25 °, Horizontal: ±30 ° (for supplied lens; optional lenses also available*4)  |
| <b>Installation</b>  | Ceiling/floor, front/rear, free 360-degree installation   |
| <b>Terminals -&gt; HDMI™ IN</b>                                  | HDMI™ x 3 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input*5), CEC supported  |
| <b>Terminals -&gt; COMPUTER IN ( D-SUB 15pin )</b>               | D-sub HD 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> /YC <sub>B</sub> C <sub>R</sub> )  |
| <b>Terminals -&gt; COMPUTER OUT ( D-SUB 15pin )</b>              | D-sub HD 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> /YC <sub>B</sub> C <sub>R</sub> )  |
| <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; MULTI PROJECTOR SYNC IN</b>                   | D-sub 9-pin (female) x 1 for external control/link control (RS-232C compliant)  |
| <b>Terminals -&gt; MULTI PROJECTOR SYNC OUT</b>                  | D-sub 9-pin (male) x 1 for link control   |
| <b>Terminals -&gt; SERIAL IN</b>                                 | D-sub 9-pin (female) x 1 for external control/link control (RS-232C compliant)  |
| <b>Terminals -&gt; SERIAL/MULTI-PROJECTOR SYNC IN</b>            | D-sub 9-pin (female) x 1 for external control/link control (RS-232C compliant)  |
| <b>Terminals -&gt; SERIAL/MULTI-PROJECTOR SYNC OUT</b>           | D-sub 9-pin (female) x 1 for external control/link control (RS-232C compliant)  |
| <b>Terminals -&gt; REMOTE 1 IN</b>                               | M3 stereo mini-jack x 1 for wired remote control  |
| <b>Terminals -&gt; REMOTE 2 IN</b>                               | D-sub 9-pin (female) x 1 for external control (parallel)  |
| <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], Art-Net, HDCP 2.3, Deep Color, 4K/60p*5 *6 signal input) |
| <b>Terminals -&gt; LAN</b>                                       | RJ-45 x 1 for network connection, 10Base-T, 100Base-TX (Compatible with PLink™ [Class 2], Art-Net)  |
| <b>Terminals -&gt; DC OUT</b>                                    | USB Connector (Type A) x 1 (Output 5 V/2 A)   |
| <b>Power supply</b>  | AC 100–240 V, 50/60 Hz  |
| <b>Maximum power consumption *7 *8 *9</b>                        | 490 W (5.4–2.6 A) (510VA)(Power consumption is 465 W at 200–240 V)  |
| <b>On-mode power consumption(Operating mode) -&gt; Normal *8</b> | [NORMAL] 435 W (100–120 V), 415 W (200–240 V)   |
| <b>On-mode power consumption(Operating mode) -&gt; Eco *8</b>    | [ECO] 315 W (100–120 V), 300 W (200–240 V)  |
| <b>On-mode power consumption(Operating mode) -&gt; Quiet *8</b>  | [QUIET] 310 W (100–120 V), 295 W (200–240 V)  |
| <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 <sup>*3</sup></b>                       | 34 dB [NORMAL]  |
| <b>Operation noise -&gt; Eco <sup>*3</sup></b>                          | 34 dB [ECO]   |
| <b>Operation noise -&gt; Quiet <sup>*3</sup></b>                        | 27 dB [QUIET]   |
| <b>Dimensions (W x H x D)</b>   | 561 x 224*8 x 439 mm (22 3/32" x 8 13/16"*8 x 17 9/32") (with supplied lens)  |
| <b>Dimensions -&gt; Width (including protruding parts)</b>              | 561 mm (22 3/32")   |
| <b>Dimensions -&gt; Height (including protruding parts)</b>             | 224 mm (8 13/16")   |
| <b>Dimensions -&gt; Depth (including lens)</b>                          | 439 mm (17 9/32")   |
| <b>Weight <sup>*10</sup></b>  | Approx. 18.6 kg (41.0 lbs) (with supplied lens)   |
| <b>Operating environment -&gt; Operating temperature <sup>*11</sup></b> | 0–45 °C (32–113 °F)   |
| <b>Operating Environment -&gt; Operating humidity (No condensation)</b> | 20–80 % (no condensation)   |
| <b>Applicable software</b>  | Logo Transfer Software, Multi Monitoring & Control Software, Early Warning Software, Smart Projector Control for iOS/Android™, Geometry Manager Pro   |
| <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 the 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. Lens-shift range and keystone correction range may vary depending on lens.</li> <li>6. 4K signals are converted to the projector's resolution (1920 x 1200 pixels) upon projection.</li> <li>7. YPBPR 4:2:0 format only for 4K/60p signals input via DIGITAL LINK.</li> <li>8. 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>9. With legs at shortest position.</li> <li>10. Average value. May differ depending on the actual unit.</li> <li>11. 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.</li> <li>12. Some functions available in Geo Pro software are not supported by the PT-MZ880 Series.</li> </ol> |