



**Step Out of the Shadows with Flexible  
WUXGA Short-Throw Laser Projection**

**PT-TMZ400**

**Key Features**

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Project Anywhere Instantly from Short Distances

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Efficient Reliability with Minimal Maintenance

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Crisp, Sharp Images and Text at WUXGA



## PT-TMZ400

<https://ap.pnd.panasonic.com/tw/en/pt-tmz400>

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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 in) 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   |
| <b>Light source</b>   | Laser diodes   |
| <b>Light output *1</b>  | 4,000 lm   |
| <b>Light output (ANSI)</b>                                      | 4,000 lm   |
| <b>Time until light output declines to 50 % -&gt; NORMAL *3</b> | 20,000 hours [NORMAL]  |
| <b>Time until light output declines to 50 % -&gt; ECO *3</b>    | 24,000 hours [ECO]   |
| <b>Time until light output declines to 50 % -&gt; QUIET *4</b>  | 20,000 hours [QUIET]   |
| <b>Resolution</b>   | WUXGA (1920 x 1200 pixels)   |
| <b>Contrast Ratio (typ.) *1</b>                                 | 3,000,000:1 (Full On/Full Off)(When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1].)                        |
| <b>Screen size (diagonal)</b>                                   | 1.27–2.67 m (50–105 in), 16:10 aspect ratio  |
| <b>Center-to-corner zone ratio *1</b>                           | 85%  |
| <b>Lens</b>   | Fixed zoom, manual focus lens, F = 1.8, f = 6.08 mm, throw ratio: 0.43:1 (Projection distance: 0.73 m [2.40 ft] for 80-inch image)   |
| <b>Digital Zoom Extender *5</b>                                 | Throw ratio: 0.43–0.54*5 :1 (Corresponding value)  |
| <b>Keystone correction range</b>                                | Vertical: ±15 ° (Auto, Manual),<br>Horizontal: ±15 ° (Manual)  |
| <b>Installation</b>   | Ceiling/floor, front/rear, free 360-degree installation  |
| <b>Terminals -&gt; HDMI™ IN</b>                                 | HDMI™ 19-pin x 2 (Compatible with HDCP 1.4, Deep Color, 4K/30p*6 signal input), CEC supported*7                                      |
| <b>Terminals -&gt; COMPUTER IN (D-SUB 15pin)</b>                | D-sub 15-pin (female) x 1 (RGB/Y/P <sub>B</sub> /R/YC <sub>B</sub> /C <sub>R</sub> )   |
| <b>Terminals -&gt; AUDIO IN (M3 Stereo Mini Jack)</b>           | M3 stereo mini-jack x 2  |
| <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; LAN</b>                                      | RJ-45 x 1 for network control, 10Base-T, 100Base-TX  |
| <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*8) |
| <b>Protocol versions</b>  | IPv4, IPv6*9   |
| <b>Power supply</b>   | AC 100 V–240 V, 50/60 Hz   |
| <b>Maximum power consumption</b>                                | 240 W  |
| <b>On-mode power consumption(Operating mode) -&gt; Normal</b>   | [NORMAL]215 W (100–240 V), 205 W (200–240 V)   |
| <b>On-mode power consumption(Operating mode) -&gt; Eco</b>      | [ECO]165 W (100–240 V), 160 W (200–240 V)  |
| <b>On-mode power consumption(Operating mode) -&gt; Quiet *7</b> | [QUIET]160 W (100–240 V), 155 W (200–240 V)  |
| <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>                          | 35 dB [NORMAL]   |
| <b>Operation noise -&gt; Eco *2</b>                             | 35 dB [ECO]  |
| <b>Operation noise -&gt; Quiet *1</b>                           | 24 dB [QUIET]  |
| <b>Body Colour</b>  | White  |
| <b>Dimensions (W x H x D)</b>                                   | 349 mm x 138 mm x 370 mm (13 3/4" x 5 7/16" x 14 9/16") (with feet at shortest position)   |
| <b>Dimensions -&gt; Width (including protruding parts)</b>      | 349 mm (13 3/4")   |
| <b>Dimensions -&gt; Height (including protruding parts)</b>     | 138 mm (5 7/16")   |
| <b>Dimensions -&gt; Depth (including lens)</b>                  | 370 mm (14 9/16")  |
| <b>Gross Dimensions (W x H x D in mm)</b>                       | TMZ400U/TMZ400E: 507 x 469 x 222 mm<br>TMZ400: 497 x 459 x 210 mm  |

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| <b>Weight *7</b>  | 4.9 kg (10.8 lbs)  |
| <b>Gross Weight (Kg)</b>  | TMZ400E: 8.4 kg(18.5 lbs)<br>TMZ400U: 8.2 kg(18.1 lbs)<br>TMZ400: 7.6 kg(16.8 lbs)   |
| <b>Operating environment -&gt;<br/>Operating temperature *8 *9</b>              | 0–45 °C (32–113 °F)  |
| <b>Operating Environment -&gt;<br/>Operating humidity (No<br/>condensation)</b> | 20–80 % (no condensation)  |
| <b>Applicable software</b>  | Multi Monitoring & Control Software, Projector Network Setup Software, Logo Transfer Software, Presenter Light Software for Windows®*14, Wireless Projector App for iOS/Android™*15  |
| <b>NFC</b>  | <a href="https://docs.connect.panasonic.com/projector/products/smartpjcontrol/regional.html#regional">https://docs.connect.panasonic.com/projector/products/smartpjcontrol/regional.html#regional</a>  |
| <b>Control function via LAN</b>   | PJLink™ [Class 2], Crestron Connected™, AMX Device Discovery   |
| <b>EAN</b>  | TMZ400: 5025232931668<br>TMZ400E: 5025232931682  |
| <b>Footnote Description</b>   | <ol style="list-style-type: none"> <li>1. When [PICTURE MODE] is set to [DYNAMIC], [LIGHT POWER] is set to [NORMAL], [DAYLIGHT VIEW] is set to [OFF], and [AUTO POWER SAVE] is set to [OFF].</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], temperature 30 °C [86 °F], elevation 700 m [2,297 ft] with 0.15 mg/m3 of particulate matter). Estimated time until light output declines to 50 % varies depending on environment.</li> <li>5. Resolution decreases when using this function. V/H Keystone Correction and curved-screen correction are not available when using this function, and 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. Main projector firmware must be Ver. 2.00 or later. 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 environment. Filter can be washed and reused up to two times. Filter cleaning cycle: 20,000 hours (under dust conditions of 0.08 mg/m3), 10,000 hours (under dust conditions of 0.15 mg/m3).</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. When optional AJ-WM50 Series Wireless Module is attached, operating temperature range becomes 0–40 °C (32–104 °F).</li> <li>15. 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>16. 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> |