



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

**PT-TMZ400**

#### **Key Features**

---

Project Anywhere Instantly from Short Distances

---

Efficient Reliability with Minimal Maintenance

---

Crisp, Sharp Images and Text at WUXGA



## PT-TMZ400

<https://latam.connect.panasonic.com/ar/es/productos/proyectores/pt-tmz400>

|  |  |
|--|--|
| <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 *2</b>  | 4,000 lm   |
| <b>Light output (ANSI) *3</b>  | 4,000 lm   |
| <b>Time until light output declines to 50 %20,000 hours [NORMAL] -&gt; NORMAL *5</b> |  |
| <b>Time until light output declines to 50 %24,000 hours [ECO] -&gt; ECO *5</b>       |  |
| <b>Time until light output declines to 50 %20,000 hours [QUIET] -&gt; QUIET *5</b>   |  |
| <b>Resolution</b>  | WUXGA (1920 x 1200 pixels)   |
| <b>Contrast Ratio (typ.) *2</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 *2</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/YPbPr/YCbCr)  |
| <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 *9</b>  | 240 W  |
| <b>On-mode power consumption (Operating mode) -&gt; Normal *9</b>                    | [NORMAL] 215 W (100-240 V), 205 W (200-240 V)  |
| <b>On-mode power consumption (Operating mode) -&gt; Eco *9</b>                       | [ECO] 165 W (100-240 V), 160 W (200-240 V)   |
| <b>On-mode power consumption (Operating mode) -&gt; Quiet *9</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 *2</b>   | 35 dB [NORMAL]   |
| <b>Operation noise -&gt; Eco *2</b>  | 35 dB [ECO]  |
| <b>Operation noise -&gt; Quiet *2</b>  | 24 dB [QUIET]  |
| <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>Weight *10</b>  | 4.9 kg (10.8 lbs)  |
| <b>Operating environment -&gt; Operating temperature *11</b>                         | 0-45 °C (32-113 °F)  |
| <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, Logo Transfer Software, Presenter Light Software for Windows®*14, Wireless Projector App for iOS/Android™*15  |
| <b>Control function via LAN</b> | PJLink™ [Class 2], Crestron Connected™, AMX Device Discovery   |
| <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> |