Panasonic



## Reduce Shadows, Enhance Flexibility with Eco-Friendly Short-Throw Projection

# PT-VMZ7ST

Reduce Shadows, Enhance Flexibility with Eco-Friendly Short-Throw Projection

**Key Features**

- Stress-free Installation Adapts to Various Layouts
- Clear Projection in Bright Spaces
- Eco-Friendly Design

MEViX

Panasonic

# PT-VMZ7ST

https://ap.pnd.panasonic.com/nz/en/pt-vmz7st

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| **Projector type** | LCD projectors |
| **Display method** | Transparent LCD panel (x 3, R/G/B) |
| **Display Device -> Panel size** | 0.64 inch (16:10 aspect ratio) |
| **Display Device -> Number of pixels** | 2,304,000 (1920 x 1200) pixels x 3 |
| **Light source** | Laser diodes |
| **Light output** *1 | VMZ7ST : 7,000 lm*2<br>VMZ6ST : 6,200 lm*2 |
| **Light output (ANSI)** | VMZ7ST : 7,000 lm (ANSI)*3<br>VMZ6ST : 6,200 lm (ANSI)*3 |
| **Time until light output declines to 50 % -> NORMAL** *4 | 20,000 hours [NORMAL] |
| **Time until light output declines to 50 % -> ECO** *4 | 24,000 hours [ECO] |
| **Time until light output declines to 50 % -> QUIET** *4 | 20,000 hours [QUIET] |
| **Resolution** | WUXGA (1920 x 1200 pixels) |
| **Contrast Ratio (typ.)** *2 | 5,000,000:1 (Full On/Full O) (When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1].) |
| **Screen size (diagonal)** | 1.77-7.62 m (70-300 in), 16:10 aspect ratio |
| **Center-to-corner zone ratio** *2 | 85 % |
| **Lens** | 1.2x manual zoom (throw ratio: 0.797–1.01:1), powered focus, F 1.53–1.66, f 11.3–14.2 mm |
| **Digital Zoom Extender** *5 | Throw Ratio 0.797–1.27:1*6 (Corresponding value. When used together with optical zoom.) |
| **Lens shift -> Vertical(from center of screen)** | +50 % |
| **Lens shift -> Horizontal(from center of screen)** | ±20 % |
| **Keystone correction range** | Vertical ±25° , Horizontal ±35° |
| **Terminals -> HDMI™ IN** | HDMI™ 19-pin x 2 (Compatible with HDCP, Deep Color, 4K/30p*8 signal input), CEC supported*9 |
| **Terminals -> COMPUTER IN (D-SUB 15pin )** | D-sub 15-pin (female) (RGB/$YP_BP_R$/$YC_BC_R$) |
| **Terminals -> AUDIO IN(M3 Stereo Mini Jack)** | M3 stereo mini-jack x 1 |
| **Terminals -> AUDIO OUT(M3 Stereo Mini Jack)** | M3 stereo mini-jack x 1 |
| **Terminals -> SERIAL IN** | D-sub 9-pin (female) x 1 for computer control (RS-232C compliant) |
| **Terminals -> DIGITAL LINK IN / LAN** | RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBaseT™ compliant),<br>100Base-TX (Compatible with PJLink™ [Class 2], HDCP, Deep Color, 4K/30p*8 signal input) |
| **Terminals -> LAN** | RJ-45 x 1 for network control, 10Base-T, 100Base-TX, compatible with PJLink™ [Class 2] |
| **Terminals -> USB TYPE A** | USB Connector Type A x 1 for Memory Viewer function, optional AJ-WM50 Series Wireless Module, power supply (DC 5 V, maximum 2 A*9) |
| **Protocol versions** | IPv4, IPv6*10 |
| **Power supply** | AC 100 –240 V, 50/60 Hz |
| **Maximum power consumption** *11 | 345 W (3.6 A) (350 VA) (Power consumption is 335 W at 200–240 V) |
| **On-mode power consumption(Operating mode) -> Normal** *11 | 310 W (100–240 V), 295 W (200–240 V) [NORMAL] |
| **On-mode power consumption(Operating mode) -> Eco** *11 | 235 W (100–240 V), 225 W (200–240 V) [ECO] |
| **On-mode power consumption(Operating mode) -> Quiet** *11 | 270 W (100–240 V), 260 W (200–240 V) [QUIET1]<br>230 W (100–240 V), 220 W (200–240 V) [QUIET2] |
| **Built-in speaker** | 10 W monaural |
| **Cabinet materials** | Molded plastic |
| **Filter** | Included |
| **Estimated filter maintenance cycle** *12 | Approx. 20,000 hours |
| **Operation noise -> Normal** *2 | 37 dB [NORMAL] |
| **Operation noise -> Eco** *2 | 37 dB [NORMAL] |
| **Operation noise -> Quiet** *2 | 32 dB [QUIET1]<br>27 dB [QUIET2] |
| **Dimensions (W x H x D)** | Approx.414 x 120 x 424 mm (16 5/16″ x 4 23/32″ x 16 11/16″ ) (not including protruding parts)<br>Approx. 414 x 167 x 424 mm (16 5/16″ x 6 9/16″ x 16 11/16″ ) (with feet at shortest position) |
| **Weight** *13 | Approx. 8.4 kg (18.52 lbs) |
| **Operating environment -> Operating temperature** | 0–45 °C (32–113 °F)*14, *15 |
| **Operating Environment -> Operating humidity (No condensation)** | 20–80 % (no condensation) |

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| **Applicable software** | Multi Monitoring & Control Software, Projector Network Setup Software, Presenter Light Software for Windows®*16, Wireless Projector App for iOS/Android™*17 |
| **Terminals -> SDI IN** | – |
| **Terminals -> DVI-D IN** | – |
| **Terminals -> DisplayPort™ IN** | – |
| **Body Colour** | PT-VMZ7ST-WhitePT-VMZ7STEJ-WhitePT-VMZ7STJ-WhitePT-VMZ7STD8-WhitePT-VMZ7STB-BlackPT-VMZ7STBEJ-Black |
| **Gross Dimensions (W x H x D in mm)** | VMZ7ST/VMZ7STB/VMZ7STJ/VMZ7STD8: Approx. 542 x 265 x 532 mmVMZ7STEJ/VMZ7STBEJ: Approx. 550 x 281 x 541 mm |
| **Gross Weight (Kg)** | VMZ7ST/VMZ7STB: 12.3 kg (27.1 lbs)VMZ7STEJ/VMZ7STBEJ: 13.4 kg (29.6 lbs)VMZ7STJ: 11.5 kg (25.4 lbs)VMZ7STD8: 12.8 kg (28.3 lbs) |
| **NFC** | No |
| **Active 3D** | No |
| **SDM** | No |
| **EAN** | PT-VMZ7ST: 5025232969548<br>PT-VMZ7STEJ: 5025232969531<br>PT-VMZ7STB: 5025232969562<br>PT-VMZ7STBEJ: 5025232969555<br>PT-VMZ7STD8: 8887549898938 |
| **Footnote Description** | 1. When [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL].<br>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.<br>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.<br>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.<br>5. Resolution decreases when using Digital Zoom Extender. Grid Correction, 6-Point Screen Correction, V/H Keystone Correction, and curved-screen correction are not available when using this function.<br>6. When Digital Zoom Extender is set to 80%.<br>7. 4K signals are converted to the projector's resolution upon projection.<br>8. Depending on the connected CEC command-compatible device, the link control may not operate normally.<br>9. On standby, power supply is available with Quick Startup set to ON or Power Management set to Ready.<br>10. The optional AJ-WM50 Series Wireless Module does not support IPv6.<br>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).<br>12. 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 0.08 mg/m3), 10,000 hours (under dust conditions of 0.15 mg/m3).<br>13. Average value. May differ depending on the actual unit.<br>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.<br>15. When the optional AJ-WM50 Series Wireless Module is attached, the operating temperature range becomes 0–40 °C (32–104 °F).<br>16. 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.<br>17. When using the Wireless Projector app, display resolution di§ers depending on your iOS/Android™ device and the display device. The maximum supported display resolution is WXGA (1280 x 800). |