

# 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

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Stress-free Installation Adapts to Various Layouts

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Clear Projection in Bright Spaces

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Eco-Friendly Design

**MEVIX**

## PT-VMZ7ST

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

<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>	0.64 inch (16:10 aspect ratio)
<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</b>	VMZ7ST : 7,000 lm*2 VMZ6ST : 6,200 lm*2
<b>Light output (ANSI) *1 *3</b>	VMZ7ST : 7,000 lm (ANSI)*3 VMZ6ST : 6,200 lm (ANSI)*3
<b>Time until light output declines to 50 % -&gt; NORMAL *5</b>	20,000 hours [NORMAL]
<b>Time until light output declines to 50 % -&gt; ECO *5</b>	24,000 hours [ECO]
<b>Time until light output declines to 50 % -&gt; QUIET *5</b>	20,000 hours [QUIET]
<b>Resolution</b>	WUXGA (1920 x 1200 pixels)
<b>Contrast Ratio (typ.) *2</b>	5,000,000:1 (Full On/Full O) (When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1].)
<b>Screen size (diagonal)</b>	1.77-7.62 m (70-300 in), 16:10 aspect ratio
<b>Center-to-corner zone ratio *2</b>	85 %
<b>Lens</b>	1.2x manual zoom (throw ratio: 0.797-1.01:1), powered focus, F 1.53-1.66, f 11.3-14.2 mm
<b>Digital Zoom Extender *7</b>	Throw Ratio 0.797-1.27:1*6 (Corresponding value. When used together with optical zoom.)
<b>Lens shift -&gt; Vertical(from center of screen)</b>	+50 %
<b>Lens shift -&gt; Horizontal(from center of screen)</b>	±20 %
<b>Keystone correction range</b>	Vertical ±25°, Horizontal ±35°
<b>Terminals -&gt; HDMI™ IN</b>	HDMI™ 19-pin x 2 (Compatible with HDCP, Deep Color, 4K/30p*8 signal input), CEC supported*9
<b>Terminals -&gt; COMPUTER IN (D-SUB 15pin)</b>	D-sub 15-pin (female) (RGB/Y/PbPr/YCbCr)
<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; SERIAL IN</b>	D-sub 9-pin (female) x 1 for computer control (RS-232C compliant)
<b>Terminals -&gt; DIGITAL LINK IN / LAN</b>	RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBase™ compliant), 100Base-TX (Compatible with PJLink™ [Class 2], HDCP, Deep Color, 4K/30p*8 signal input)
<b>Terminals -&gt; LAN</b>	RJ-45 x 1 for network control, 10Base-T, 100Base-TX, compatible with PJLink™ [Class 2]
<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*9)
<b>Protocol versions</b>	IPv4, IPv6*10
<b>Power supply</b>	AC 100-240 V, 50/60 Hz
<b>Maximum power consumption *13</b>	345 W (3.6 A) (350 VA) (Power consumption is 335 W at 200-240 V)
<b>On-mode power consumption(Operating mode) -&gt; Normal *13</b>	310 W (100-240 V), 295 W (200-240 V) [NORMAL]
<b>On-mode power consumption(Operating mode) -&gt; Eco *13</b>	235 W (100-240 V), 225 W (200-240 V) [ECO]
<b>On-mode power consumption(Operating mode) -&gt; Quiet *13</b>	270 W (100-240 V), 260 W (200-240 V) [QUIET1] 230 W (100-240 V), 220 W (200-240 V) [QUIET2]
<b>Built-in speaker</b>	10 W monaural
<b>Cabinet materials</b>	Molded plastic
<b>Filter *14</b>	Included
<b>Estimated filter maintenance cycle *12</b>	Approx. 20,000 hours
<b>Operation noise -&gt; Normal</b>	37 dB [NORMAL]
<b>Operation noise -&gt; Eco</b>	37 dB [NORMAL]
<b>Operation noise -&gt; Quiet</b>	32 dB [QUIET1] 27 dB [QUIET2]
<b>Dimensions (W x H x D)</b>	Approx. 414 x 120 x 424 mm (16 5/16" x 4 23/32" x 16 11/16" ) (not including protruding parts) Approx. 414 x 167 x 424 mm (16 5/16" x 6 9/16" x 16 11/16" ) (with feet at shortest position)
<b>Weight *15</b>	Approx. 8.4 kg (18.52 lbs)
<b>Operating environment -&gt; Operating temperature *16 *17</b>	0-45 °C (32-113 °F)*14, *15
<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, Presenter Light Software for Windows®*16, Wireless Projector App for iOS/Android™*17
<b>Terminals -&gt; SDI IN</b>	-
<b>Terminals -&gt; DVI-D IN</b>	-
<b>Terminals -&gt; DisplayPort™ IN</b>	-

<b>Body Colour</b>	PT-VMZ7ST-WhitePT-VMZ7STEJ-WhitePT-VMZ7STJ-WhitePT-VMZ7STD8-WhitePT-VMZ7STB-BlackPT-VMZ7STBEJ-Black
<b>Gross Dimensions (W x H x D in mm)</b>	VMZ7ST/VMZ7STB/VMZ7STJ/VMZ7STD8: Approx. 542 x 265 x 532 mmVMZ7STEJ/VMZ7STBEJ: Approx. 550 x 281 x 541 mm
<b>Gross Weight (Kg)</b>	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)
<b>NFC</b>	No
<b>Active 3D</b>	No
<b>SDM</b>	No
<b>EAN</b>	PT-VMZ7ST: 5025232969548 PT-VMZ7STEJ: 5025232969531 PT-VMZ7STB: 5025232969562 PT-VMZ7STBEJ: 5025232969555 PT-VMZ7STD8: 8887549898938
<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 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. 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.</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. 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 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/m<sup>3</sup>), 10,000 hours (under dust conditions of 0.15 mg/m<sup>3</sup>).</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.</li> <li>15. When the optional AJ-WM50 Series Wireless Module is attached, the operating temperature range becomes 0–40 °C (32–104 °F).</li> <li>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.</li> <li>17. 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>