Panasonic CONNECT

## Clear and Vivid 7,000 lm Projection from the Lightest and Smallest Body in Class

# PT-VMZ51S

Deliver clear, striking images in well-lit open meeting spaces and classrooms from the smallest and lightest LCD laser projector in its class. High 7,000 lm brightness, 3,000,000:1 contrast, and vivid color creates an engaging presentation experience.

**Key Features**

- Compact and lightweight LCD laser projector
- Clear Images That Are Easy to See in Bright Rooms
- Installation Flexibility Adapts Projection to Any Space
- Smooth and Effortless Collaboration

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# PT-VMZ51S

https://ap.connect.panasonic.com/vn/vi/products/projectors-and-displays/pt-vmz51s

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|---|---|
| **Projector type** | LCD projectors |
| **Display method** | Transparent LCD panel (x 3, R/G/B) |
| **Display Device -> Panel size** | 16.3 mm (0.64 in) diagonal (16:10 aspect ratio) |
| **Display Device -> Drive method** | Active matrix method |
| **Display Device -> Number of pixels** | 2,304,000 (1920 x 1200) pixels |
| **Light source** | Laser diodes |
| **Light output** *1 *2 | 5,200 lm |
| **Light output (ANSI)** *1 *3 | 5,200 lm |
| **Time until light output declines to 50 % -> NORMAL** *5 | 20,000 hours [NORMAL] |
| **Time until light output declines to 50 % -> ECO** *5 | 24,000 hours [ECO] |
| **Time until light output declines to 50 % -> QUIET** *5 | 20,000 hours [QUIET] |
| **Resolution** | WUXGA (1920 x 1200 pixels) |
| **Contrast Ratio (typ.)** *2 | 3,000,000:1 (Full On/Full Off)(When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1].) |
| **Screen size (diagonal)** | 0.76–7.62 m (30–300 in), 16:10 aspect ratio |
| **Center-to-corner zone ratio** *2 | 85% |
| **Lens** | 1.6x manual zoom (throw ratio: 1.09–1.77:1), manual focus lens, F 1.60–2.12, f 15.30–24.64 mm |
| **Digital Zoom Extender** *6 | Throw Ratio 1.09–2.21:1*5 (Corresponding value. When used together with optical zoom.) |
| **Lens shift -> Vertical(from center of screen)** | +44 % |
| **Lens shift -> Horizontal(from center of screen)** | ±20 % |
| **Keystone correction range** | Vertical: ±25 °, Horizontal: ±35 ° |
| **Installation** | Ceiling/floor, front/rear, free 360-degree installation |
| **Terminals -> HDMI™ IN** | HDMI™™ 19-pin x 2 (Compatible with HDCP, Deep Color, 4K/30p*6 signal input), CEC supported*7 |
| **Terminals -> COMPUTER IN (D-SUB 15pin)** | D-sub 15-pin (female) x 2 (RGB/$YP_BP_R$/$YC_BC_R$) |
| **Terminals -> AUDIO IN(M3 Stereo Mini Jack)** | M3 stereo mini-jack x 2 |
| **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** | — |
| **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*8) |
| **Protocol versions** | IPv4, IPv6*9 |
| **Power supply** | AC 100 V–240 V, 50/60 Hz |
| **Maximum power consumption** *12 | 300 W (3.1–1.3 A) (305 VA)(Power consumption is 290 W at 200–240 V) |
| **On-mode power consumption(Operating mode) -> Normal** *12 | [NORMAL]<br>265 W (100–120 V),<br>255 W (200–240 V) |
| **On-mode power consumption(Operating mode) -> Eco** *12 | [ECO]<br>190 W (100–120 V),<br>180 W (200–240 V) |
| **On-mode power consumption(Operating mode) -> Quiet** *12 | [QUIET]<br>185 W (100–120 V),<br>175 W (200–240 V) |
| **Built-in speaker** | 10 W monaural |
| **Cabinet materials** | Molded plastic |
| **Filter** *13 | Included |
| **Estimated filter maintenance cycle** | Approx. 20,000 hours |
| **Operation noise -> Normal** | 36 dB [NORMAL] |
| **Operation noise -> Eco** | 36 dB [ECO] |
| **Operation noise -> Quiet** | 26 dB [QUIET] |
| **Dimensions (W x H x D)** | 399 mm x 115 mm x 348 mm (15 23/32″ x 4 17/32″ x 13 11/16″ ) (not including protruding parts)399 mm x 133 mm x 348 mm (15 23/32″ x 5 1/4″ x 13 11/16″ ) (with feet at shortest position) |

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|---|---|
| **Dimensions (W x H x D) -> Width (not including protruding parts)** | 399 mm (15 23/32″) |
| **Dimensions -> Width (including protruding parts)** | 399 mm (15 23/32″) |
| **Dimensions -> Height (not including protruding parts)** | 115 mm (4 17/32″) |
| **Dimensions -> Height (including protruding parts)** | 133 mm (5 1/4″ ) |
| **Dimensions -> Depth (not including protruding parts)** | 348 mm (13 11/16″) |
| **Dimensions -> Depth (including lens)** | 348 mm (13 11/16″) |
| **Weight** *14 | Approx. 6.5 kg (14.33 lbs) |
| **Operating environment -> Operating temperature** *15 *16 | 0–45 °C (32–113 °F) |
| **Operating Environment -> Operating humidity (No condensation)** | 20–80 % (no condensation) |
| **Applicable software** | Multi Monitoring & Control Software, Logo Transfer Software, Presenter Light Software for Windows®*15, Wireless Projector App for iOS/Android™*16 |
| **Body Colour** | White |
| **Gross Dimensions (W x H x D in mm)** | VMZ51SEJ: 563 x 447 x262 mm<br>VMZ51S: 555 x 439 x 246 mm |
| **Gross Weight (Kg)** | VMZ51SEJ: 10.2 kg(22.4 lbs)<br>VMZ51: 9.2 kg(20.4 lbs) |
| **NFC** | No |
| **EAN** | VMZ51S: 5025232923359<br>VMZ51SEJ: 5025232923366 |
| **Terminals -> SDI IN** | — |
| **Terminals -> DVI-D IN** | — |
| **Terminals -> DisplayPort™ IN** | — |
| **Active 3D** | No |
| **SDM** | No |
| **Light output (Center)** *1 *4 | 5,500 lm |
| **Footnote Description** | 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].<br>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.<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. Average light-output value of all shipped products measured at the center of screen in NORMAL Mode.<br>5. 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.<br>6. Resolution decreases when using this function. 6-Point Screen Correction, V/H Keystone Correction, and curved-screen correction are not available when using this function, and range of corner adjustment is limited.<br>7. When Digital Zoom Extender is set to 80%.<br>8. 4K signals are converted to the projector's resolution upon projection.<br>9. Depending on the connected CEC command-compatible device, the link control may not operate normally.<br>10. On standby, power supply is available with Quick Startup set to ON or Power Management set to Ready.<br>11. Requires projector firmware Ver. 2.00 or higher. The optional AJ-WM50 Series Wireless Module does not support IPv6.<br>12. 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>13. 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>14. with supplied lens. Average value. May differ depending on the actual unit.<br>15. 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>16. When the optional AJ-WM50 Series Wireless Module is attached, the operating temperature range becomes 0–40 °C (32–104 °F).<br>17. 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>18. 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).<br>19. PT-VMZ5ES has one AUDIO input only. |