



Smallest and Lightest LCD Projector in Class¹ Delivers Up to 7,000 lm for Clear, Vivid Images in Well-Lit Classrooms and Offices

¹ According to Panasonic research for the PT-VMZ71 only among LCD laser projectors in the 7,000-lumens-class or higher as of January 2022.

■ Main Features

01 | Clear Images That Are Easy to See in Bright Rooms

With up to 7,000 lm, 3,000,000:1 contrast², Daylight View Basic, and vivid 3-chip LCD color, images stay clear and bright in well-lit classrooms and meeting rooms. Visually complex images, such as detailed graphics and fine text, are crisp, sharp, and easy to see even to those viewing the screen at a distance.

02 | Installation Flexibility Adapts Projection to Any Space

PT-VMZ71 Series is smallest and lightest LCD projector in its class¹. Compact 7.0 kg³ (15.43 lbs) body, 1.6x zoom, and V/H Lens-Shift streamline installation while new 6-Point Screen Adjustment enables projection into room corners. CEC command compatible⁴ HDMI[®] and DIGITAL LINK⁵ support 4K input signals⁶.

03 | Enjoy Smooth and Effortless Collaboration

Connect smartphone and projector over wireless LAN⁷ via the QR Code displayed on screen and share a wide variety of content without cable mess, or use optional Wireless Presentation System PressIT⁸ to share almost any device screen at the press of a button. You can also project content from USB flash drive.



* Supports signals up to 4K/30p. See specifications for details. ** PT-VMZ51S/VMZ41 excluded.
*** AJ-WM50 Series Wireless Module required.



White Models



Black Models
Note: PT-VMZ71/VMZ61 only.

PT-VMZ71 Series

| | PT-VMZ71 | PT-VMZ61 | PT-VMZ51/VMZ51S/PT-VMZ5ES | PT-VMW61 | PT-VMW51 |
|--------------|-----------------------|-----------------------|---------------------------|-----------------------|-----------------------|
| Light Output | 7,000 lm ⁹ | 6,200 lm ⁹ | 5,200 lm ⁹ | 6,200 lm ⁹ | 5,200 lm ⁹ |
| Resolution | WUXGA | | | WXGA | |

¹ According to Panasonic research for the PT-VMZ71 only among LCD laser projectors in the 7,000-lumens-class or higher as of January 2022. ² Full On/Full Off, when [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1]. Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped. ³ For PT-VMZ71 only. For individual model specification, please refer to the specifications table. ⁴ Depending on the connected CEC command compatible device, the link control may not operate normally. ⁵ Excluding PT-VMZ51S and PT-VMZ41. ⁶ Supports signals up to 4K/30p. A signal with different resolution is converted to the number of display dots. PT-VMZ71/VMZ61/VMZ51/VMZ51S/VMZ41: 1920 x 1200 dots. PT-VMW61/VMW51: 1280 x 800 dots. Applicable terminals: DIGITAL LINK terminal/HDMI terminal. ⁷ Requires optional AJ-WM50 Series Wireless Module (sold separately). Availability may vary by country or region. ⁸ For more information on Wireless Presentation System PressIT, please visit <https://panasonic.net/cns/prodisplays/pressit>. Availability may vary by country or region. ⁹ Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped. When [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL].

Pristine Pictures Under Lights

With up to 7,000 lm¹ from the world's smallest and lightest LCD projector in class², PT-VMZ71 Series cuts through bright ambient light to provide vivid, contrast-rich images without closing the blinds. Refined optical engine, 3,000,000:1³ Dynamic Contrast, and Daylight View Basic further maintain image visibility in well-lit spaces.

Flexible and Versatile

Flexible 1.6x zoom and lens adjustment support projection from different angles, heights, and throw-distances, while a new 6-Point Screen Correction function enables projection into room corners without distortion. Digital Zoom Extender⁴ allows use of existing mounts with your new projector, even if throw-distance exceeds its optical zoom range, saving you time and effort.

¹ PT-VMZ71 only. For individual model specification, please refer to the specifications table. Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped. When [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL]. ² According to Panasonic research for the PT-VMZ71 only among LCD laser projectors in the 7,000-lumens-class or higher as of January 2022. ³ Full On/Full Off, when [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1]. Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped. ⁴ Projector mounts may need to be relocated in some situations. Resolution decreases when using Digital Zoom Extender. 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. ⁵ Depending on the connected CEC command compatible device, the link control may not operate normally. ⁶ Supports signals up to 4K/30p. A signal with different resolution is converted to the number of display dots. PT-VMZ71/VMZ61/VMZ51/VMZ51S/VMZ41: 1920 x 1200 dots, PT-VMW61/VMW51: 1280 x 800 dots. Applicable terminals: DIGITAL LINK terminal/HDMI terminal. ⁷ Excluding PT-VMZ51S/VMZ41. ⁸ PT-VMZ51S/VMZ41 in comparison to PT-VMZ50/VMZ40 in NORMAL Mode according to Panasonic research. ⁹ Brightness is reduced when operating the projector in ECO Mode. ¹⁰ 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. 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). Filter cleaning cycle varies depending on environment. ¹¹ Multi Monitoring & Control Software for Windows[®] is available free from the Panasonic projector website and includes a 90-day free trial of Early Warning software. Some functions require Version 3.2 or later. Some software functions may be supported by this projector series. Purchase an optional license at PASS to continue using Early Warning software after the free 90-day trial period expires.

Specifications

| Model | PT-VMZ71 | PT-VMZ61 | PT-VMZ51 | PT-VMZ51S | PT-VMZ5ES | PT-VMW61 | PT-VMW51 | | |
|---|--|---|--|--|---|--|--|--|---|
| Projector type | LCD projectors | | | | | | | | |
| LCD panel | 16.3 mm (0.64 in) diagonal (16:10 aspect ratio) | | | | | | 1,024,000 (1280 x 800) pixels | | |
| | Size | 2,304,000 (1920 x 1200) pixels | | | | | | | |
| Pixels | | | | | | | | | |
| Light source | Laser diode | | | | | | | | |
| Light output ^{1,2} | 7,000 lm | 6,200 lm | 5,200 lm | | 5,200 lm | 6,200 lm | 5,200 lm | | |
| Time until light output declines to 50 % ³ | 20,000 hours (NORMAL/QUIET)/24,000 hours (ECO) | | | | | | | | |
| Resolution | WUXGA (1920 x 1200 pixels) | | | | | | WXGA (1280 x 800 pixels) | | |
| Contrast ratio ¹ | 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 ¹ | 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 | | | | 1.2x Manual zoom (Optical) (Throw ratio 1.36-1.64:1) Manual focus lens, F=1.61 -1.76, f=19.10-23.00 mm | 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 ⁴ | Throw ratio 1.09–2.21:1 ⁵ (Corresponding value. When used together with optical zoom.) | | | | Throw Ratio 1.36:1-2.05:15 (Corresponding value) (When optical zoom is used together.) | Throw ratio 1.09–2.21:1 ⁵ (Corresponding value. When used together with optical zoom.) | | | |
| Lens shift (from center of screen) | Vertical | +44 %, 0 % (manual) | | | | +38 % | +44 %, 0 % (manual) | | |
| | Horizontal | +20 %, -20 % (manual) | | | | +20 % | +20 %, -20 % (manual) | | |
| Keystone correction range | Vertical: ±25 °, Horizontal: ±35 ° | | | | | Vertical: ±35 °, Horizontal: ±35 ° | | | |
| Terminals | HDMI 1/2 IN | HDMI 19-pin x 2 (Compatible with HDCP, Deep Color, 4K/30p ⁶ signal input), CEC supported | | | | | | | |
| | COMPUTER 1 IN | D-sub 15-pin (female) x 1 (RGB/YPbPr/YCbCr) | | | | — | D-sub 15-pin (female) x 1 (RGB/YPbPr/YCbCr) | | |
| | COMPUTER 2 IN | D-sub 15-pin (female) x 1 (RGB/YPbPr/YCbCr) | | | | — | D-sub 15-pin (female) x 1 (RGB/YPbPr/YCbCr) | | |
| | AUDIO 1/2 IN | M3 stereo mini-jack x 2 | | | | M3 stereo mini-jack x 1 | | | |
| | VARIABLE AUDIO OUT | M3 stereo mini-jack x 1 | | | | | | | |
| | SERIAL IN | D-sub 9-pin (female) x 1 for computer control (RS-232C compliant) | | | | | | | |
| | LAN/DIGITAL LINK | RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBaseT™ compliant), 100Base-TX (Compatible with PjLink™ [Class 2], HDCP, Deep Color, 4K/30p ⁶ signal input) | | | | — | RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBaseT™ compliant), 100Base-TX (Compatible with PjLink™ [Class 2], HDCP, Deep Color, 4K/30p ⁶ signal input) | | |
| | LAN | RJ-45 x 1 for network control, 10Base-T, 100Base-TX, compatible with PjLink™ [Class 2] | | | | | | | |
| USB (VIEWER/WIRELESS/DC OUT) | USB connector (Type A) x 1 for Memory Viewer function, optional AJ-WM50 Series Wireless Module, power supply (DC 5 V, maximum 2 A) ⁷ | | | | | | | | |
| Power supply | AC 100 V–240 V, 50/60 Hz | | | | | | | | |
| Power consumption ⁸ | Maximum power consumption | 420 W (4.5–1.9 A) (455 VA) (Power consumption is 410 W at 200–240 V) | 370 W (3.9–1.7 A) (395 VA) (Power consumption is 360 W at 200–240 V) | 305 W (3.1–1.3 A) (310 VA) (Power consumption is 295 W at 200–240 V) | 300 W (3.1–1.3 A) (305 VA) (Power consumption is 290 W at 200–240 V) | 275 W (2.9A-1.2A) [285VA] (The power consumption is 265 W at 200-240V) | 370 W (3.9–1.7 A) (395 VA) (Power consumption is 360 W at 200–240 V) | 305 W (3.1–1.3 A) (310 VA) (Power consumption is 295 W at 200–240 V) | |
| | On-mode power consumption (Light Power) | [NORMAL] | 390 W (100–120 V), 375 W (200–240 V) | 335 W (100–120 V), 320 W (200–240 V) | 270 W (100–120 V), 255 W (200–240 V) | 265 W (100–120 V), 255 W (200–240 V) | 36dB | 325 W (100–120 V), 315 W (200–240 V) | 260 W (100–120 V), 250 W (200–240 V) |
| | | [ECO] | 275 W (100–120 V), 265 W (200–240 V) | 240 W (100–120 V), 230 W (200–240 V) | 195 W (100–120 V), 185 W (200–240 V) | 190 W (100–120 V), 180 W (200–240 V) | 36dB | 230 W (100–120 V), 220 W (200–240 V) | 180 W (100–120 V), 175 W (200–240 V) |
| | | [QUIET] | 270 W (100–120 V), 260 W (200–240 V) | 235 W (100–120 V), 225 W (200–240 V) | 190 W (100–120 V), 180 W (200–240 V) | 185 W (100–120 V), 175 W (200–240 V) | 26dB | 225 W (100–120 V), 215 W (200–240 V) | 175 W (100–120 V), 170 W (200–240 V) |
| | Built-in speaker | 10 W monaural | | | | — | 10 W monaural | | |
| Filter ⁹ | Included (Estimated maintenance time: approx. 20,000 hours) | | | | | | | | |
| Operation noise ¹ | 38 dB (NORMAL/ECO), 28 dB (QUIET) | | 36 dB (NORMAL/ECO), 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) | | | | | | | | |
| Weight with supplied lens ¹⁰ | Approx. 7.0 kg (15.43 lbs) | | Approx. 6.9 kg (15.21 lbs) | | Approx. 6.5 kg (14.33 lbs) | | | | |
| Operating environment | Operating temperature: 0–45 °C (32–113 °F) ^{11,12} , Operating humidity: 20–80 % (no condensation) | | | | | | | | |
| Applicable software | Multi Monitoring & Control Software, Logo Transfer Software, Presenter Light Software for Windows [®] 13, Wireless Projector App for iOS/Android ¹⁴ | | | | | | | | |

Note: Availability varies by country or region.

¹ Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped. ² 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]. ³ 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. ⁴ 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. ⁵ When Digital Zoom Extender is set to 80%. 6-4K signals are converted to the projector's resolution upon projection. ⁶ On standby, power supply is available with Quick Startup set to ON or Power Management set to Ready. ⁷ 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). ⁸ 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). ⁹ Average value. May differ depending on the actual unit. ¹⁰ 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. ¹¹ When optional AJ-WM50 Series wireless module is attached, operating temperature range becomes 0–40 °C (32–104 °F). ¹² 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. ¹³ 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 WUXGA (1280 x 800).

Optional Accessories

- **Ceiling Mount Bracket** ET-PKL100H (for high ceilings) / ET-PKL100S (for low ceilings)
Note: ET-PKL100H/PKL100S used in combination with ET-PKV400B (sold separately).
- **Projector Mount Bracket** ET-PKV400B
- **Replacement Filter Unit** ET-RFV500
- **DIGITAL LINK Switcher** ET-YFB200G
Note: ET-YFB200G is not compatible with 4K signals. Not available for PT-VMZ51S or PT-VMZ41.
- **Digital Interface Box** ET-YFB100G
Note: ET-YFB100G is not compatible with 4K signals. Not available for PT-VMZ51S or PT-VMZ41.
- **Wireless Module** AJ-WM50 Series
Note: product availability may vary by country or region. The suffix at the end of the model number is omitted. Operating Temperature: 0–40 °C (32–104 °F).
- **Early Warning Software** ET-SWA100 Series
Note: part number suffix may differ depending on the license type.
- **Wireless Presentation System PressIT** TY-WPS1 (basic set)
Note: visit <https://panasonic.net/cns/prodisplays/pressit> for more information.

Panasonic CONNECT

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For more information about Panasonic projectors, please visit:
Projector Global Website – <https://panasonic.net/cns/projector/>
Facebook – www.facebook.com/panasonicprojectoranddisplay
YouTube – www.youtube.com/user/PanasonicProjector

Note: Following the shift of the Panasonic Group to a holding company system, the Connected Solutions Company of the Panasonic Corporation has changed to **Panasonic Connect Co., Ltd.** as of April 1, 2022.

All information included here is valid as of April 2022.

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