

LCD Projectors

PT-VMZ82 Series

Note: Product availability may vary by country or region.

World's Smallest and
Lightest 8,000 lm¹ Projector
Enhances Communication
in Brightly Lit Spaces



White Models

Black Models

Note: Among LCD projectors with 8,000 lm or more (PT-VMZ82), 7,300 lm or more (PT-VMZ72), and 6,500 lm or more (PT-VMZ62) as of July 2025, according to Panasonic Projector & Display Corporation research.

■ Main Features

01 | Clear Projection Tailored to Your Space

Delivering up to 8,000 lm¹ from the smallest and lightest body in its class², the VMZ82 Series ensures exceptional clarity in bright environments. Proprietary 5,000,000:1³ Dynamic Contrast sharply defines light and dark areas for heightened realism, while Vivid Green Mode enhances color vibrancy for applications such as golf simulation. Daylight View Basic optimizes image quality based on ambient lighting, ensuring clear visibility in open, well-lit meeting spaces and classrooms.

02 | Stress-Free Installation Flexibility

Weighing just 7.4 kg (16.3 lbs)⁴, this compact projector integrates seamlessly, projecting a 100-inch image from just 2.35 m (7.54 ft). Its 1.6x zoom (throw ratio: 1.09–1.77:1), V/H lens shift, and upgraded screen adjustment suite with new GUI provide exceptional installation flexibility. Angle Monitor⁵, data cloning⁶ via LAN/USB, and 4K DIGITAL LINK⁷ simplify setup across diverse environments.

03 | Efficient and Eco-Conscious Design

Sustainability is central to the VMZ82 Series. Energy efficiency has improved by 27%⁸ over the current series, while the projector body plastic contains 59%⁹ recycled resin and ships in eco-friendly packaging. An Image Detection function¹⁰ saves power when the projector is not in active use, and Auto Power On¹¹ reduces energy waste by starting projection automatically when a signal is detected. To further optimize resource use, a built-in scheduling feature automates basic functions according to your daily routine.

PT-VMZ82 Series			
	PT-VMZ82	PT-VMZ72	PT-VMZ62
Light Output	8,000 lm ¹ / 8,000 lm (ANSI) ¹²	7,300 lm ¹ / 7,300 lm (ANSI) ¹²	6,500 lm ¹ / 6,500 lm (ANSI) ¹²
Resolution	WUXGA (1920 x 1200 pixels)		



¹ When [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL]. Measurement, measuring conditions, and notation method comply with ISO/IEC 21118: 2020 international standards. Value is the average of all products when shipped. ² Among LCD projectors with 8,000 lm or more (PT-VMZ82), 7,300 lm or more (PT-VMZ72), and 6,500 lm or more (PT-VMZ62) as of July 2025, according to Panasonic Projector & Display Corporation research. ³ Full On/Full Off when [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1]. The measurement, measuring conditions, and notation method comply with ISO/IEC 21118: 2020 international standards. Value is the average of all products when shipped. ⁴ For the PT-VMZ82. For the weights of other models, please see the specifications overleaf. ⁵ The displayed values are based on the results of angle sensor detection and may differ from the actual projection angle. They are for reference only, and accuracy is not guaranteed. ⁶ Supported on identical models only. Excludes passwords, projector name/ID, time, date, time zone, and network settings. ⁷ 4K/30p input signals are converted to the projector's resolution (1920 x 1200 pixels). YPbPr 4:2:0 format only for 4K/30p signals input via DIGITAL LINK. ⁸ PT-VMZ72 (21.2 lm/W) compared to the PT-VMZ71 (16.7 lm/W) in [NORMAL] mode, according to Panasonic Projector & Display Corporation research. ⁹ By total weight of plastic parts in the projector main unit. Excludes printed circuit boards, labels, cables, connectors, electronic components, optical components, ESD components, EMI component adhesives, and coatings. ¹⁰ Settings cannot be made when [DYNAMIC CONTRAST] is set to anything other than [OFF], [ECO MANAGEMENT] -> [AUTO POWER SAVE] is set to [OFF], [ECO MANAGEMENT] -> [LIGHT POWER] is set to anything other than [NORMAL], a [TEST PATTERN] is displayed, or there is no signal. Image Detection function is supported when the input signal is transmitted via HDMI™ or COMPUTER IN terminals. ¹¹ Settings cannot be made when [STANDBY MODE] is set to [ECO] or when [I/O STANDBY MODE] is set to [ON] in the [AUDIO SETTINGS] menu. Auto Power On is supported when the input signal is transmitted via HDMI™ or COMPUTER IN terminals. ¹² Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped. ¹³ Requires the AI-VM50 Series Wireless Module (sold separately). Availability may vary by country or region.

Other Features

- Works with Art-Net DMX, PJLink™, Crestron Connected® V2, Crestron® XiO Cloud, and Extron XTP®
- Supports Multiple PJ Firmware Batch Update Tool and Projector Network Setup Software
- Compatible with IPv6 network protocol¹
- Supports widescreen 21:9 video content²

- USB port for DC 5 V/2 A power supply, data transfer, and optional AJ-WM50 Series wireless module
- Lens Block detection prevents accidental damage
- Audible remote-control feedback for projector on/off
- Multi Screen Support System
- DICOM Simulation Mode

¹ The AJ-WM50 Series wireless module is not compatible with IPv6. ² Resolution may be reduced when projecting widescreen content at its native aspect ratio.

Learn More

For more information, please scan the QR code to access the VMZ82 Series product webpage at our global projector website.



Specifications

Model		PT-VMZ82	PT-VMZ72	PT-VMZ62
Projector type		LCD projectors		
LCD panel	Panel size	16.3 mm (0.64 inch) (16:10 aspect ratio)		
	Pixels	2,304,000 (1920 x 1200) pixels x 3		
Light source		Laser diodes		
Light output ¹		8,000 lm ² / 8,000 lm (ANSI) ³	7,300 lm ² / 7,300 lm (ANSI) ³	6,500 lm ² / 6,500 lm (ANSI) ³
Time until light output declines to 50 % ⁴		20,000 hours (NORMAL/QUIET), 24,000 hours (ECO)		
Resolution		WUXGA (1920 x 1200 pixels)		
Contrast ratio ²		5,000,000:1 (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=1.58–1.91, f=15.30–24.60 mm		
Digital Zoom Extender ⁵		Throw Ratio 1.09–2.21:1 ⁶ (Corresponding value. When used together with optical zoom.)		
Lens shift (From the origin point of the lens mounter)	Vertical	+44 %		
	Horizontal	±20 %		
Keystone correction range		Vertical ±25 %, Horizontal ±35 %		
Terminals	HDMI™ 1/2 IN	HDMI™ 19-pin x 2 (Compatible with HDCP, Deep Color, 4K/30p ⁷ signal input), CEC supported ⁸		
	COMPUTER IN	D-sub 15-pin (female) (RGB/YPbPr/YCbCr)		
	AUDIO IN	M3 stereo mini-jack x 1		
	AUDIO OUT	M3 stereo mini-jack x 1		
	SERIAL IN	D-sub 9-pin (female) x 1 for computer control (RS-232C compliant)		
	DIGITAL LINK/LAN	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 ⁷ 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 ⁹)		
Protocol versions		IPv4, IPv6 ¹⁰		
Power supply		Single-phase AC 100–240 V, 50/60 Hz		
Maximum power consumption ¹¹		400 W (4.2 A) (405 VA) (Power consumption is 385 W at 200–240 V)	345 W (3.6 A) (350 VA) (Power consumption is 335 W at 200–240 V)	320 W (3.3 A) (325 VA) (Power consumption is 305 W at 200–240 V)
On-mode power consumption (Operating mode) ¹¹	NORMAL	365 W (100–240 V), 350 W (200–240 V)	310 W (100–240 V), 295 W (200–240 V)	280 W (100–240 V), 270 W (200–240 V)
	ECO	260 W (100–240 V), 250 W (200–240 V)	235 W (100–240 V), 225 W (200–240 V)	215 W (100–240 V), 205 W (200–240 V)
	QUIET 1	305 W (100–240 V), 295 W (200–240 V)	270 W (100–240 V), 260 W (200–240 V)	245 W (100–240 V), 235 W (200–240 V)
	QUIET 2	255 W (100–240 V), 245 W (200–240 V)	230 W (100–240 V), 220 W (200–240 V)	210 W (100–240 V), 200 W (200–240 V)
Built-in speaker		10 W monaural		
Filter ¹²		Included (Estimated maintenance time: approx. 20,000 hours)		
Operation noise ²		39 dB (NORMAL/ECO), 34 dB (QUIET 1), 29 dB (QUIET 2)	37 dB (NORMAL/ECO), 32 dB (QUIET 1), 27 dB (QUIET 2)	35 dB (NORMAL/ECO), 30 dB (QUIET 1), 25 dB (QUIET 2)
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 ¹³		Approx. 7.4 kg (16.3 lbs)	Approx. 7.0 kg (15.4 lbs)	Approx. 6.9 kg (15.2 lbs)
Operating environment		Operating temperature: 0–45 °C (32–113 °F) ^{14,15} , Operating humidity: 20–80 % (no condensation)		
Applicable software		Multi Monitoring & Control Software, Projector Network Setup Software, Presenter Light Software for Windows ⁸¹⁶ , Wireless Projector App for iOS/Android ⁸¹⁷		

¹ When [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL]. 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. 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. 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. ⁵ Resolution decreases when using Digital Zoom Extender. Grid Adjustment, 6-Point Screen Correction, V/H Keystone Correction, and curved-screen correction are not available when using this function. The range of corner adjustment is limited. ⁶ When Digital Zoom Extender is set to 80 %. ⁷ 4K signals are converted to the projector's resolution upon projection. ⁸ Depending on the connected CEC command compatible device, the link control may not operate normally. ⁹ On standby, power supply is available with Quick Startup set to ON or Power Management set to Ready. ¹⁰ The optional AJ-WM50 Series Wireless Module does not support IPv6. 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). 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). ¹³ Average value. May differ depending on the actual unit. 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. ¹⁵ When the optional AJ-WM50 Series Wireless Module is attached, the operating temperature range becomes 0–40 °C (32–104 °F). 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. 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 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
- **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).

- **Wireless Presentation System PressIT**
TY-WPS2 (basic set)
Note: visit <https://docs.connect.panasonic.com/prodisplays/products/ty-wps2/> for more information.

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