

PT-VMZ71 Series LCD Projectors

AVAILABLE FROM FEBRUARY 2022*

* Availability varies by country or region.

Lightest-in-Class*¹ PT-VMZ71 Series LCD Projector Delivers Up to 7,000 lm² 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 November 2021.



White Models



Black Models

Note: Black available for PT-VMZ71 and PT-VMZ61 only.



* Optional AJ-WM50 Series Wireless Module required.



PT-VMZ71 Series							
	PT-VMZ71	PT-VMZ61	PT-VMZ51	PT-VMZ51S	PT-VMZ41	PT-VMW61	PT-VMW51
Light Output	7,000 lm ²	6,200 lm ²	5,200 lm ²		4,500 lm ²	6,200 lm ²	5,200 lm ²
Resolution	WUXGA				WXGA		

Note: Availability varies by country or region.

• Clear Images That Are Easy to See in Bright Rooms

Thanks to its refined optical design, PT-VMZ71 Series is the lightest LCD laser projector in its class*¹ with up to 7,000 lm² from a compact 7.2 kg*² (15.87 lbs) body. Outstanding image visibility in open spaces, classrooms, and offices is enhanced by 3,000,000:1*⁴ contrast, vivid color reproduction, and Daylight View Basic, even with the lights on.

• Installation Flexibility Adapts Projection to Any Space

PT-VMZ71 Series features 1.6x optical zoom, V/H Lens-Shift, V/H/Corner Keystone Correction, and new 6-Point Screen Correction that enables distortion-free projection into corners. HDMI®-CEC command and 4K input-signal*⁵ support make integration easy. Combination of Digital Zoom Extender*⁶ and optical zoom reduces need to reposition when replacing a ceiling-mounted projector.

• Enjoy Smooth and Effortless Collaboration

Optional wireless function*⁷ supports QR Code*⁷ connection to Wireless LAN, allowing groups to quickly share documents, photos, and video to the big screen via software*⁸ and apps*⁹. Optional Wireless Presentation System PressIT*¹⁰ enables content display from almost any device at the press of a button. You can also project media from a USB flash-drive without cable hassle.

Note: Pursuant to the Panasonic Group's transition to a holding company system, Panasonic Corporation, Connected Solutions Company will change its name to Panasonic Connect Co., Ltd. in April 2022.

*¹ According to Panasonic research for the PT-VMZ71 only among LCD laser projectors in the 7,000-lumens-class or higher as of November 2021. *² PT-VMZ71 only. For individual model specification, please refer to the specifications table. *³ Specification is tentative. 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]. *⁴ 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. *⁵ Input signals are converted to the projector's display resolution upon playback. 4K/30p signals are supported via HDMI and DIGITAL LINK terminals (DIGITAL LINK not included on PT-VMZ51S and PT-VMZ41 models). *⁶ Resolution may decrease 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. *⁷ With optional AJ-WM50 Series Wireless Module (sold separately). Availability may vary by country or region. *⁸ Available free for Windows® PC only from the Panasonic projector website. *⁹ Check device and OS compatibility at the App Store or the Google Play Store. *¹⁰ Availability may vary by country or region. For more information on Wireless Presentation System PressIT, please visit the PressIT webpage.

Specifications (Tentative)

Model	PT-VMZ71	PT-VMZ61	PT-VMZ51	PT-VMZ51S	PT-VMZ41	PT-VMW61	PT-VMW51	
Projector type	LCD projectors							
LCD panel	Size	16.3 mm (0.64 in) diagonal (16:10 aspect ratio)						
	Display system	Transparent LCD panel (x 3, R/G/B)						
	Drive method	Active matrix						
	Pixels	2,304,000 (1920 x 1200) pixels				1,024,000 (1280 x 800) pixels		
Light source	Laser diode							
Light output*1*2	7,000 lm	6,200 lm	5,200 lm		4,500 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							
	Lens shift (from center of screen)	Vertical	+44 %, 0 % (manual)				Horizontal	+20 %, -20 % (manual)
Keystone correction range	Vertical: ±25 °, Horizontal: ±35 °					Vertical: ±35 °, 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** signal input), CEC supported						
	COMPUTER 1 IN	D-sub 15-pin (female) x 1 (RGB/YPbPr/YCbCr)						
	COMPUTER 2 IN	D-sub 15-pin (female) x 1 (RGB/YPbPr/YCbCr)						
	AUDIO 1/2 IN	M3 stereo mini-jack x 2						
	VARIABLE 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** 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** 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 Wireless Module AJ-WM50 Series, power supply (DC 5 V, maximum 2 A**)						
	Power supply	AC 100 V–240 V, 50/60 Hz						
Power consumption (TBD)	420 W	370 W	320 W	315 W		370 W	320 W	
Built-in speaker	10 W monaural							
Cabinet materials	Molded plastic							
Filter*6	Included (Estimated maintenance time: approx. 20,000 hours)							
Operation noise*1	39 dB (NORMAL/ECO), 29 dB (QUIET)			37 dB (NORMAL/ECO), 27dB (QUIET)		39 dB (NORMAL/ECO), 29 dB (QUIET)		37 dB (NORMAL/ECO), 27dB (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*7	Approx. 7.2 kg (15.87 lbs)	Approx. 6.9 kg (15.21 lbs)	Approx. 6.5 kg (14.33 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)*8*9, Operating humidity: 20–80 % (no condensation)							
Applicable software	Multi Monitoring & Control Software, Logo Transfer Software, Presenter Light Software for Windows®**10, Wireless Projector App for iOS/Android™**11							

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 4K signals are converted to the projector's resolution upon projection. *5 On standby, power supply is available with Quick Startup set to ON or Power Management set to Ready. *6 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). *7 Average value. May differ depending on the actual unit. *8 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. *9 When optional AJ-WM50 Series wireless module is attached, operating temperature range becomes 0–40 °C (32–104 °F). *10 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. *11 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).

Optional Accessories

• Ceiling Mount Bracket

ET-PKL100H (for high ceilings) / ET-PKL100S (for low ceilings)
Note: 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 panasonic.net/cns/prodisplays/pressit for more information.

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Projector Global Website – <https://panasonic.net/cns/projector/>
Facebook – www.facebook.com/panasonicprojectoranddisplay
YouTube – www.youtube.com/user/PanasonicProjector

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