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PT-**VMZ71** Series

LCD Projectors

AVAILABLE FROM FEBRUARY 2022

Note: Release date and model availability varies by country or region.

PT-**VMZ71**/PT-**VMZ61**/PT-**VMZ51**/PT-**VMZ51S**
PT-**VMZ41**/PT-**VMW61**/PT-**VMW51**

Smallest and Lightest LCD Projector in Class[1] 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 contrast[2], 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 class[1]. Compact 7.0 kg[3] (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 compatible[4] HDMI® and DIGITAL LINK[5] support 4K input signals[6].

03 | Enjoy Smooth and Effortless Collaboration

Connect smartphone and projector over wireless LAN[7] via the QR Code displayed on screen and share a wide variety of content without cable mess, or use optional Wireless Presentation System PressIT[8] to share almost any device screen at the press of a button. You can also project content from USB flash drive.

SOLID SHINE LASER · ACCEPTS 4K SIGNAL * · DIGITAL LINK SINGLE CABLE SOLUTION ** · WIRELESS *** · 360° · 24/7 Operation

** 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-VMZ41	PT-VMW61	PT-VMW51
Light Output	7,000 lm[9]	6,200 lm[9]	5,200 lm[9]	4,500 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 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].

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Pristine Pictures Under Lights

With up to 7,000 lm[1] from the world's smallest and lightest LCD projector in class[2], PT-VMZ71 Series cuts through bright ambient light to provide vivid, contrast-rich images without closing the blinds. Refined optical engine, 3,000,000:1[3] 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 Extender[4] allows use of existing mounts with your new projector, even if throw-distance exceeds its optical zoom range, saving you time and effort.

The People-Friendly Projector

Get a smooth start to classes and meetings: two CEC command compatible[5] HDMI® inputs enable projector ON/OFF with the source device, and images appear quickly thanks to Quick On/Quick Off laser design. The projectors support 4K input signals[6] via HDMI and DIGITAL LINK[7] to simplify system construction and projector integration.

Power Consumption Reduced 20 %[8]

Select PT-VMZ71 Series models use about 20 %[8] less energy than models in the previous series. Efficiency is further increased, and brightness optimized to ambient light levels, by pressing the ECO[9] button on the remote. A change to Panasonic projection will reduce waste, save money, and contribute to your CSR environmental policy objectives.

Other Features

- Low maintenance with 20,000-hour[10] filter and light-source replacement
- Free 360° installation
- Built-in 10 W speaker, mic input, and audio output
- Multi Monitoring & Control Software with Optional Early Warning functions[11]
- Compatible with PJLink™, Crestron Connected™, and AMX DD
- Built-in shutter function
- ECO Management System with 0.5 W Standby
- Emulation Mode
- Startup Logo Function

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 not 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-VMZ41	PT-VMW61	PT-VMW51
Projector type			LCD projectors						
LCD panel	Size		16.3 mm (0.64 in) diagonal (16:10 aspect ratio)						
	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						
Digital Zoom Extender[4]			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)						
	Horizontal		+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)						
	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)						
	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)		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)		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)		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)		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						
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)			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. 7 On standby, power supply is available with Quick Startup set to ON or Power Management set to Ready. 8 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). 9 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). 10 Average value. May differ depending on the actual unit. 11 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. 12 When optional AJ-WM50 Series wireless module is attached, operating temperature range becomes 0–40 °C (32–104 °F). 13 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. 14 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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