

LCD Projectors

PT-MZ882 Series

PT-MZ882L / PT-MZ782L / PT-MZ682L

Note: Models with an "L" designation ship without a lens. Product availability is limited to the EU.

Revitalize Sustainability and
Image Quality in Classrooms
And the Workplace



White Models

Black Models

Note: Lens sold separately.

■ Main Features

01 | Eco-Conscious Design Includes Recycled Materials

The eco-friendly MZ882 Series projector body is crafted using about 10%¹ recycled resins to reduce environmental impact through its lifecycle. With an 8%² efficiency improvement over previous models and a new Auto Power On function, it saves energy and enhances usability. Multi Laser Drive Engine and ECO Filter reduce maintenance and waste and underscore the projector's long-life reliability, making it an ideal choice for organizations that value sustainability.

02 | Bright and Sharp for Comfortable Viewing

MZ882 Series delivers outstanding image quality with well-balanced brightness and color, a high dynamic contrast ratio of 3,000,000:1³, and smooth detail definition. Daylight View Basic optimizes image visibility according to lighting levels. Coupled with Detail Clarity Processor 4, which sharpens details and text, the projector ensures striking visual quality even in brightly lit rooms, while quiet 25 dB⁴ operation keeps attention focused during presentations.

03 | Streamlined Workflow and Smooth UX

Enjoy resource-friendly setup and operation with 4K input signal⁵ compatibility and support for CEC-compatible commands⁶ via three HDMI™ inputs. Geo Pro⁷ and Geometric Adjustment streamline multi-screen setup, while a posture detection gyro sensor function makes projection angle adjustment possible with one person. Optional powered lenses with wide-range lens shift, including an ultra-short-throw zoom lens, cater to diverse needs, ensuring hassle-free installation and outstanding image quality. MZ882 Series can also display 21:9 and 27:9 widescreen⁸ content.

PT-MZ882 Series			
	PT-MZ882L	PT-MZ782L	PT-MZ682L
Light Output	8,200 lm ⁹ / 8,200 lm (ANSI) ¹⁰ / 8,700 lm (Center) ¹¹	7,500 lm ⁹ / 7,500 lm (ANSI) ¹⁰ / 7,800 lm (Center) ¹¹	6,500 lm ⁹ / 6,500 lm (ANSI) ¹⁰ / 6,800 lm (Center) ¹¹
Resolution	WUXGA (1920 x 1200 pixels)		

Note: Models with an "L" designation ship without a lens. Product availability is limited to the EU.



¹ By weight of the total weight of plastic parts in the projector main unit. Excludes projection lenses, printed circuit boards, labels, cables, connectors, electronic components, optical components, ESD components, EMI component adhesives, and coatings.
² PT-MZ882L (8,200 lm, max. power consumption 465 W, 17.6 lm/W) compared to the PT-MZ880 (8,000 lm, max. power consumption 490 W, 16.3 lm/W).
³ Full On/Full Off, when [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1] or [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.
⁴ For the PT-MZ682L in QUIET Mode. Operating noise values are as follows: PT-MZ882L: 34 dB (NORMAL/ECO Mode), 26 dB (QUIET Mode); PT-MZ782L: 32 dB (NORMAL/ECO Mode), 26 dB (QUIET Mode); PT-MZ682L: 32 dB (NORMAL/ECO Mode), 25 dB (QUIET Mode).
⁵ Signals with a different resolution are converted to the projector's resolution (1920 x 1200 pixels) upon projection. YPbPr 4:2:0 format only for 4K/60p and 4K/50p signals input via DIGITAL LINK.
⁶ Depending on the connected CEC command-compatible device, the link control may not operate normally.
⁷ Visit PASS to register your projector and download free Geometry Manager Pro software for Windows®. MZ882 Series does not support some functions available in Geo Pro software.
⁸ PT-MZ882 Series supports 1920 x 810 (21:9) and 1920 x 640 (27:9) wide-aspect-ratio signals.
⁹ When [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL]. Measurement, measuring conditions, and notation methods all comply with ISO/IEC 21118: 2020 international standards. Value is the average of all products when shipped.
¹⁰ When [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL]. Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped.
¹¹ Average light-output value of all shipped products measured at the center of screen in NORMAL Mode.

Other Features

- Supports Art-Net DMX, PJLink™, and Crestron Connected®
- Remote control lock function
- Compatible with the Smart Projector Control app¹
- Works with Wireless Presentation System PressIT²
- DICOM Simulation Mode
- Contrast Sync and Shutter Sync
- Data cloning function via LAN³
- Quick Start/Quick Off and Direct Off

¹ Available free from the App Store or the Google Play Store. Please check device compatibility before installation. Note that some app functions are not supported by this projector series. ² Wireless Presentation System PressIT is sold separately. Availability may vary by country or region. ³ The data-cloning function is supported among models in the same series with the same resolution. It excludes passwords, projector IDs, and network settings.

Learn More

For more information, please scan the QR code to access the PT-MZ882 Series product webpage at our global projector website.



Specifications

Model	PT-MZ882L		PT-MZ782L		PT-MZ682L	
Projector type	LCD projectors					
LCD panel	Panel size	19.3 mm (0.76 in) diagonal (16:10 aspect ratio)				
	Pixels	2,304,000 (1920 x 1200) pixels x 3				
Light source	Laser diodes					
Light output ¹	8,200 lm ² / 8,200 lm (ANSI) ³ / 8,700 lm (Center) ⁴		7,500 lm ² / 7,500 lm (ANSI) ³ / 7,800 lm (Center) ⁴		6,500 lm ² / 6,500 lm (ANSI) ³ / 6,800 lm (Center) ⁴	
Time until light output declines to 50 % ⁵	20,000 hours (NORMAL/QUIET), 24,000 hours (ECO)					
Resolution	WUXGA (1920 x 1200 pixels)					
Contrast ratio ²	3,000,000:1 (Full On/Full Off) (When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1] or [2]. HDMI™ signal input)					
Screen size (diagonal)	1.02–10.16 m (40–400 in) with ET-ELS20, 1.52–10.16 m (60–400 in) with the ET-ELW22, 2.54–10.16 m (100–400 in) with the ET-ELU20, 16:10 aspect ratio					
Center-to-corner zone ratio ²	85 %					
Lens	Optional powered zoom/focus lenses (No lens included with these models)					
Lens shift (From the origin point of the lens mounter)	Vertical	±67 % (powered) (with ET-ELS20), ±60 % (with ET-ELW22), ±50 % (with ET-ELU20)				
	Horizontal	±35 % (powered) (with ET-ELS20), ±30 % (with ET-ELW22), ±24 % (with ET-ELU20)				
Keystone correction range	Vertical: ±25 ° with ET-ELS20 (±22 ° with ET-ELW21/ET-ELW22) (±5 ° with ET-ELU20) Horizontal: ±30 ° with ET-ELS20 (±15 ° with ET-ELW21/ET-ELW22) (0 ° with ET-ELU20)					
Terminals	HDMI™ IN	HDMI™ x 3 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input ³), CEC supported				
	COMPUTER IN	D-sub HD 15-pin (female) x 1 (RGB/YPbPr/YCbCr)				
	MONITOR OUT	D-sub HD 15-pin (female) x 1 (RGB/YPbPr/YCbCr)				
	SERIAL/MULTI SYNC IN	D-sub 9-pin (female) x 1 for external control/link control (RS-232C compliant)				
	MULTI SYNC OUT	D-sub 9-pin (male) x 1 for link control				
	REMOTE 1 IN	M3 stereo mini-jack x 1 for wired remote control				
	REMOTE 2 IN	D-sub 9-pin (female) x 1 for external control (parallel)				
	AUDIO IN	M3 stereo mini-jack x 1				
	AUDIO OUT	M3 stereo mini-jack x 1				
	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], Art-Net, HDCP 2.3, Deep Color, 4K/60p ^{6,7} signal input)				
	LAN	RJ-45 x 1 for network connection, 10Base-T, 100Base-TX (Compatible with PJLink™ [Class 2], Art-Net)				
	DC OUT	USB Type A x 1 (for power supply, DC 5 V, 2 A)				
Power supply	Single-phase AC 100–240 V, 50 Hz/60 Hz					
Maximum power consumption ⁸	465 W (5.0–2.0 A) (475 VA) (Power consumption is 445 W at AC 200–240 V)		435 W (4.7–1.9 A) (445 VA) (Power consumption is 415 W at AC 200–240 V)		360 W (4.1–1.6 A) (385 VA) (Power consumption is 345 W at AC 200–240 V)	
On-mode power consumption (Operating mode) ^{8,9}	NORMAL	415 W (AC 100–120 V), 395 W (AC 200–240 V)		385 W (AC 100–120 V), 365 W (AC 200–240 V)		
		295 W (AC 100–120 V), 285 W (AC 200–240 V)		275 W (AC 100–120 V), 265 W (AC 200–240 V)		
		290 W (AC 100–120 V), 280 W (AC 200–240 V)		275 W (AC 100–120 V), 265 W (AC 200–240 V)		
Filter	ECO	240 W (AC 100–120 V), 230 W (AC 200–240 V)				
		235 W (AC 100–120 V), 225 W (AC 200–240 V)				
		Included (Estimated maintenance time: approx. 20,000 hours)				
Operation noise ²	34 dB (NORMAL/ECO), 26 dB (QUIET)		32 dB (NORMAL/ECO), 26 dB (QUIET)		32 dB (NORMAL/ECO), 25 dB (QUIET)	
Dimensions (W x H x D)	561 x 224 x 437 mm (22 3/32" x 8 13/16" x 17 7/32") (With legs at shortest position, including protruding parts)					
Weight ¹⁰	Approx. 17.8 kg (39.2 lbs) (Without lens)				Approx. 16.8 kg (37.0 lbs) (Without lens)	
Operating environment	Operating temperature: 0–45 °C (32–113 °F) ¹¹ , operating humidity: 20–80 % (no condensation)					
Applicable software	Logo Transfer Software, Multi Monitoring & Control Software, Projector Network Setup Software, Smart Projector Control for iOS/Android™, Geometry Manager Pro ¹²					

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 the 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 Average light-output value of all shipped products measured at the center of screen in NORMAL Mode. ⁵ 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. ⁶ 4K signals are converted to the projector's resolution (1920 x 1200 pixels) upon projection. ⁷ YPbPr 4:2:0 format only for 4K/60p and 4K/50p signals input via DIGITAL LINK. ⁸ Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. ⁹ On-mode power consumption measured at 25 °C (77 °F) operating temperature at an altitude of 700 m (2,297 ft). ¹⁰ Average value. May differ depending on the actual unit. ¹¹ Note that the projector cannot be used at altitudes 2,700 m (8,858 ft) or higher above sea level. In the following operating environments, light output may be reduced to protect the projector: when the projector is used at altitudes below 700 m (2,297 ft) and ambient temperature is 36 °C (97 °F) or higher; when the projector is used at altitudes between 700 m (2,297 ft) and 1,400 m (4,593 ft) exclusive and ambient temperature is 34 °C (93 °F) or higher; when the projector is used at altitudes between 1,400 m (4,593 ft) and 2,100 m (6,890 ft) exclusive and ambient temperature is 32 °C (90 °F) or higher; and when the projector is used at altitudes between 2,100 m (6,890 ft) and 2,700 m (8,858 ft) exclusive and ambient temperature is 30 °C (86 °F) or higher. ¹² This projector series does not support some functions available in Geo Pro software.

Optional Accessories

- **Fixed-Focus Lens**
ET-ELW21 (0.764:1)
- **Zoom Lens**
ET-ELU20 (0.330–0.353:1) / ET-ELW22 (0.786–0.983:1) / ET-ELW20 (1.21–1.66:1) / ET-ELS20¹ (1.61–2.76:1) / ET-ELT22 (2.72–4.48:1) / ET-ELT23 (4.44–7.12:1)
¹ Availability varies by country or region.
- **Ceiling Mount Bracket**
ET-PKD130H (6-axis, for high ceiling) / ET-PKD120H (for high ceiling) / ET-PKD120S (for low ceiling)
Note: Use ET-PKD120H, ET-PKD120S, and ET-PKD130H in combination with the optional ET-PKE301B (sold separately). ET-PKD130H is recommended with the ET-ELU20 lens.
- **Attachment for Ceiling Mount Bracket**
ET-PKE301B
- **Replacement Filter**
ET-RFM200
- **ET-FMP50 Series Media Processors**
ET-FMP50 / ET-FMP20
Note: For more information, please visit:
<https://docs.connect.panasonic.com/projector/products/fmp50/>.
- **Wireless Presentation System PressIT**
TY-WPS2 (basic set)
Note: Visit
<https://docs.connect.panasonic.com/prodisplays/products/ty-wps2/>
for more information. Availability varies by country or region.

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