Panasonic CONNECT

PRELIMINARY AS OF JANUARY 2024

PT-MZ882 Series

LCD Projectors

AVAILABLE FROM CY2024 Q2

Note: Release date may vary by country or region.

Revitalize Sustainability and Image Quality in Classrooms and the Workplace

White Models

Black Models

• *Eco-Conscious Design Includes Recycled Materials*

Work efficiently with the light and compact MZ882 Series. The main projector unit contains about 10 %[1] recycled plastics, reducing its environmental impact, while the refined optical engine boosts brightness over the MZ880 Series without increasing consumption. In fact, the MZ682's 18.1 lm/W efficiency represents an 8.4%[2] improvement over the MZ680. ECO Filter can be washed and reused twice[3], and light source and filter maintenance is suggested at 20,000 hours[4].

• *Bright and Sharp for Comfortable Visibility*

Enjoy optimal brightness and color balance for effective communication in well-lit classrooms and workplaces. High 3,000,000:1[5] Dynamic Contrast ratio not only improves document legibility but also adds impact to immersive content in edutainment spaces. With Detail Clarity Processor 4 and Daylight View Basic, the MZ882 Series efficiently delivers sharp, clear, dimensional visuals to engage viewers deeply in your presentation.

• *A Streamlined Workflow and Efficient UX*

Quiet 27 dB[6] operation limits distractions and keeps people focused on the presentation. Support for widescreen 21:9 aspect ratios[7] suits immersive conferencing layouts. A new posture detection function and optional powered lenses streamline installation, while three 4K signal[8] and CEC command-compatible[9] HDMI™ inputs conveniently expand connectivity. MZ882 Series works with Wireless Presentation System PressIT[10], allowing users to share content at the push of a button.

PT-MZ882 Series			
	PT-MZ882	PT-MZ782	PT-MZ682
Light Output	8,200 lm[11]	7,500 lm[11]	6,500 lm[11]
Resolution	WUXGA (1920 x 1200 pixels)		

Note: Lens equivalent to ET-ELS20 included.

SOLID SHINE LASER · DIGITAL LINK SINGLE CABLE SOLUTION · ACCEPTS 4K SIGNAL[8] · 360° · Geo.Pro[12] · 24/7 Operation

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 Comparison between PT-MZ680 (max. power consumption: 360 W, 16.7 lm/W) and PT-MZ682 (max. power consumption: 360 W, 18.1 lm/W) in NORMAL Mode. 3 Please follow the procedures listed in the operating instructions when washing the filter with water. Replacement is recommended after the filter has been washed and reused twice or if the filter is not sufficiently clean after washing. 4 Around this time, the light output will have decreased by approximately 50 %. IEC62087: 2008 Broadcast Contents, NORMAL/QUIET Mode, Picture Mode [DYNAMIC], Dynamic Contrast [2], temperature 35 °C (95 °F), elevation 700 m (2,297 ft) with 0.15 mg/m³ of airborne particulate matter. Panasonic recommends a checkup at the point of purchase after about 20,000 hours. Light-source lifetime may be reduced depending on environmental conditions. The filter cleaning cycle varies depending on the environment. Replacement of parts other than the light source and filter may be required in a shorter period. Estimated maintenance time varies depending on the environment. 5 Full On/Full Off. When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] 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. 6 In QUIET Mode. Operating noise is 34 dB (PT-MZ882) or 33 dB (PT-MZ782/MZ682) in NORMAL/ECO Mode. All values are TBD. 7 2560 x 1080 (21:9) input signals are displayed at 1920 x 810 (21:9). 8 4K input signals 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. 9 Depending on the connected CEC command-compatible device, the link control may not operate normally. 10 Wireless Presentation System PressIT is sold separately. Availability may vary by country or region. For more information, please visit https://panasonic.net/cns/prodisplays/pressit/. 11 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. 12 This projector series does not support some functions available in Geo Pro software.

Specifications (Tentative)

Model		PT-MZ882	PT-MZ782	PT-MZ682
Projector type		LCD projectors		
LCD panel	Panel size	19.3 mm (0.76 in) diagonal (16:10 aspect ratio)		
	Display method	Transparent LCD panel (x 3, R/G/B)		
	Drive method	Active matrix		
	Pixels	2,304,000 (1920 x 1200) pixels x 3		
Light source		Laser diodes		
Light output[1, 2]		8,200 lm	7,500 lm	6,500 lm
Time until light output declines to 50 %[3]		20,000 hours (NORMAL/QUIET), 24,000 hours (ECO)		
Resolution		WUXGA (1920 x 1200 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] or [2]. HDMI™ signal input)		
Screen size (diagonal)		1.02–10.16 m (40–400 in), 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[1]		85 %		
Lens		Powered zoom (throw ratio 1.61–2.76:1), powered focus F = 1.7–2.3, f = 26.8–45.5 mm (for supplied lens; optional lenses also available)		
Lens shift (From the origin point of the lens mounter)	Vertical	±67 % (powered), ±60 % (with ET-ELW22), ±50 % (with ET-ELU20) (TBD)		
	Horizontal	±35 % (powered), ±30 % (with ET-ELW22), ±24 % (with ET-ELU20) (TBD)		
Keystone correction range		Vertical: ±25 ° (±22 ° with ET-ELW21/ET-ELW22); (±25 ° with ET-ELW20/ET-ELT22/ET-ELT23); (±5 ° with ET-ELU20), Horizontal: ±30 ° (±15 ° with ET-ELW21/ET-ELW22); (±30 ° with ET-ELW20/ET-ELT22/ET-ELT23); (0 ° with ET-ELU20)		
Installation		Ceiling/floor, front/rear, free 360-degree installation		
Terminals	HDMI™ IN	HDMI™ x 3 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input[4]), CEC supported		
	COMPUTER IN	D-sub HD 15-pin (female) x 1 (RGB/YP_BP_R/YC_BC_R)		
	MONITOR OUT	D-sub HD 15-pin (female) x 1 (RGB/YP_BP_R/YC_BC_R)		
	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[4, 5] 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		AC 100–240 V, 50 Hz/60 Hz		
Maximum power consumption[6]		465 W (5.1–2.5 A) (490 VA) (Power consumption is 445 W at AC 200–240 V) (TBD)	428 W (4.7–2.3 A) (450 VA) (Power consumption is 408 W at AC 200–240 V) (TBD)	360 W (4.2–2.0 A) (395 VA) (Power consumption is 345 W at AC 200–240 V) (TBD)
On-mode power consumption (Operating mode)[6]	NORMAL	410 W (AC 100–120 V), 390 W (AC 200–240 V) (TBD)	385 W (AC 100–120 V), 365 W (AC 200–240 V) (TBD)	330 W (AC 100–120 V), 315 W (AC 200–240 V) (TBD)
	ECO	295 W (AC 100–120 V), 280 W (AC 200–240 V) (TBD)	280 W (AC 100–120 V), 270 W (AC 200–240 V) (TBD)	240 W (AC 100–120 V), 230 W (AC 200–240 V) (TBD)
	QUIET	290 W (AC 100–120 V), 275 W (AC 200–240 V) (TBD)	275 W (AC 100–120 V), 265 W (AC 200–240 V) (TBD)	238 W (AC 100–120 V), 228 W (AC 200–240 V) (TBD)
Cabinet materials		Molded plastic		
Filter		Included (Estimated maintenance time: approx. 20,000 hours)		
Operation noise[1]		34 dB (NORMAL/ECO), 27 dB (QUIET) (TBD)	33 dB (NORMAL/ECO), 27 dB (QUIET) (TBD)	
Dimensions (W x H x D)		561 x 224 x 439 mm (22 $^{3}/_{32}$″ x 8 $^{13}/_{16}$″ x 17 $^{9}/_{32}$″) (With legs at shortest position, including lens and protruding parts)		
Weight[7]		Approx. 18.6 kg (41.0 lbs) (with supplied lens)		Approx. 17.6 kg (38.8 lbs) (with supplied lens)
Operating environment		Operating temperature: 0–45 °C (32–113 °F)[8], operating humidity: 10–80 % (no condensation)		
Applicable software		Logo Transfer Software, Multi Monitoring & Control Software, Projector Network Setup Software, Smart Projector Control for iOS/Android™, Geometry Manager Pro[9]		

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] and [LIGHT POWER] is set to [NORMAL]. 3 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. 4 4K signals are converted to the projector's resolution (1920 x 1200 pixels) upon projection. 5 YP_BP_R 4:2:0 format only for 4K/60p and 4K/50p signals input via DIGITAL LINK. 6 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). 7 Average value. May differ depending on the actual unit. 8 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. 9 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-ELS20[1] (1.61–2.76:1) / ET-ELT22 (2.72–4.48:1) / ET-ELT23 (4.44–7.12:1)
  1 Availability may vary by country or region. ET-ELS20 is equivalent to the supplied lens.
- **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
- **DIGITAL LINK Switcher**
  ET-YFB200G
  Note: ET-YFB200G is incompatible with 4K signals.
- **Wireless Presentation System PressIT**
  TY-WPS1 (Basic set)
  Note: Availability may vary by country or region. Visit https://panasonic.net/cns/prodisplays/pressit for more information.

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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**

All information included here is valid as of January 2024.

PT-MZ882_Series_PRE2 Printed in Japan.