Panasonic
BUSINESS

PT-**MZ880** Series
LCD Projectors

AVAILABLE FROM MAY 2021
Note: release date varies depending on country or region.

Well-Balanced Color and Brightness Integrated into Corporate and Learning Environments with New Applications in Museums

White Models

Black Models

SOLID SHINE LASER

DIGITAL LINK — SINGLE CABLE SOLUTION

ACCEPTS 4K SIGNAL

360°

24/7 Operation

Geo. Pro *

* Some functions available in Geo Pro software are not supported by the PT-MZ880 Series.

PT-MZ880 Series			
	PT-MZ880	PT-MZ780	PT-MZ680
Light Output	8,000 lm*1	7,000 lm*1	6,000 lm*1
Resolution	WUXGA		

• *Well-Balanced Picture Quality*

Refined optical engine balances brightness and color for vivid images without turning the lights off. Detail Clarity Processor 4, Dynamic Contrast, and Daylight View Basic optimize display to suit content and environment.

• *Flexible Design Fits Any Space*

Unobtrusive cabinet design, 26 dB*2 operation, DIGITAL LINK and CEC-compatible HDMI® supporting 4K signals*3, and optional lenses*4 including new ET-ELU20 Ultra-Short-Throw Zoom Lens*5 help integrate the projector in your space. Edge Blending, Geo Pro*6, Contrast Sync, and Shutter Sync enhance flexibility for immersive visual performance in museums.

• *Efficient Eco-Friendly Reliability*

Energy consumption is reduced by about 20 %*7 to meet your organization's CSR policy commitments. Multi-Laser Drive Engine*8 and reusable*9 Eco Filter extend maintenance to 20,000 hours*10 with Early Warning software*11 reducing waste and enhancing system reliability.

Specifications (Tentative)

Model		PT-MZ880	PT-MZ780	PT-MZ680
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		8,000 lm	7,000 lm	6,000 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) (for supplied lens; optional lenses also available*4)		
	Horizontal	±35 % (powered) (for supplied lens; optional lenses also available*4)		
Keystone correction range		Vertical: ±25 °, Horizontal: ±30 ° (for supplied lens; optional lenses also available*4)		
Installation		Ceiling/floor, front/rear, free 360-degree installation		
Terminals	HDMI IN	HDMI 19-pin x 3 (Compatible with HDCP 2.3, Deep Color, 4K/60p*5 signal input), CEC supported		
	COMPUTER IN	D-sub HD 15-pin (female) x 1 (RGB/YPʙPʀ/YCʙCʀ)		
	MONITOR OUT	D-sub HD 15-pin (female) x 1 (RGB/YPʙPʀ/YCʙCʀ)		
	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	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*5*6 signal input)		
	LAN	RJ-45 x 1 for network connection, 10Base-T, 100Base-TX (Compatible with PJLink™ [Class 2], Art-Net)		
	DC OUT	USB Connector (Type A) x 1 (Output 5 V/2 A)		
Power supply		AC 100–240 V, 50/60 Hz		
Power consumption*7	Maximum power consumption	490 W (5.4–2.6 A) (510 VA) (Power consumption is 465 W at 200–240 V)	435 W (4.8–2.3 A) (460 VA) (Power consumption is 415 W at 200–240 V)	360 W (4.2–2.0 A) (395 VA) (Power consumption is 345 W at 200–240 V)
	On-mode power consumption (Light power)	[NORMAL]: 435 W (100–120 V), 415 W (200–240 V) [ECO]: 315 W (100–120 V), 300 W (200–240 V) [QUIET]: 310 W (100–120 V), 295 W (200–240 V)	[NORMAL]: 395 W (100–120 V), 375 W (200–240 V) [ECO]: 285 W (100–120 V), 275 W (200–240 V) [QUIET]: 280 W (100–120 V), 270 W (200–240 V)	[NORMAL]: 330 W (100–120 V), 315 W (200–240 V) [ECO]: 240 W (100–120 V), 230 W (200–240 V) [QUIET]: 238 W (100–120 V), 228 W (200–240 V)
Cabinet materials		Molded plastic		
Filter		Included (Estimated maintenance time: approx. 20,000 hours)		
Operation noise*1		34 dB (NORMAL/ECO), 27 dB (QUIET)	32 dB (NORMAL/ECO), 26 dB (QUIET)	
Dimensions (W × H × D)		561 x 190 x 437 mm (22 ³/₃₂″ x 7 ¹⁵/₃₂″ x 17 ⁷/₃₂″) (not including lens or protruding parts)		
Weight*8		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)*9, operating humidity: 20–80 % (no condensation)		
Applicable software		Logo Transfer Software, Multi Monitoring & Control Software, Early Warning Software, Smart Projector Control for iOS/Android™, Geometry Manager Pro*10		

*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 Lens-shift range and keystone correction range may vary depending on lens. *5 4K signals are converted to the projector's resolution (1920 x 1200 pixels) upon projection. *6 YPʙPʀ 4:2:0 format only for 4K/60p signals input via DIGITAL LINK. *7 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). *8 Average value. May differ depending on the actual unit. *9 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 38 °C (100 °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 36 °C (97 °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 34 °C (93 °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 32 °C (90 °F) or higher. *10 Some functions available in Geo Pro software are not supported by the PT-MZ880 Series.

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** (1.61–2.76:1) /
  ET-ELT22 (2.72–4.48:1) / ET-ELT23 (4.44–7.12:1)
  * Optional ultra-short-throw zoom lens scheduled for release in September 2021.
  ** US/Canada/Latin America/Europe/Oceania only. ET-ELS20 is equivalent of supplied lens.

- **Ceiling Mount Bracket**
  ET-PKD120H (for high ceilings) /
  ET-PKD120S (for low ceilings)
- **Attachment for Ceiling Mount Bracket**
  ET-PKE301B
- **Replacement Filter**
  ET-RFM100

- **DIGITAL LINK Switcher**
  ET-YFB200G
  Note: ET-YFB200G is not compatible with 4K signals.
- **Digital Interface Box**
  ET-YFB100G
  Note: ET-YFB100G is not compatible with 4K signals.

- **Wireless Presentation System PressIT**
  TY-WPS1 (basic set)
  Visit panasonic.net/cns/prodisplays/pressit for more information.
- **Early Warning Software**
  ET-SWA100 Series
  Note: Part number suffix may differ depending on the license type.

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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 June 2021.

PT-MZ880PRE2 Printed in Japan.