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 · ACCEPTS 4K SIGNAL · DIGITAL LINK SINGLE CABLE SOLUTION · Geo. Pro · 360°

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*

Redesigned cabinet, 26 dB*2 operation, DIGITAL LINK and HDMI®-CEC supporting 4K signals*3, and optional lenses*4 including ultra-short-throw zoom (ET-ELU20*5) integrate in immersive environments. Edge Blending, Geo Pro*6, Contrast Sync, and Shutter Sync enhance flexibility for immersive large-scale projections in museums.

• *Efficient Eco-Friendly Reliability*

Energy consumption is down by approximately 20 %*7 to meet your 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 labor and waste.

*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 MZ780/MZ680 in Quiet Mode and 32 dB in Normal Mode/Eco Mode. Operating noise for MZ880 is 28 dB (Quiet Mode) and 35 dB (Normal Mode/Eco Mode). All values TBD. *3 Supports signals up to 4K/60p (YPʙPʀ 4:2:0 format only for 4K/60p signals input via DIGITAL LINK). Signal resolutions differing from projector are converted to the projector's resolution (1920 x 1200 dots). *4 All models ship with standard 1.61–2.76:1 powered zoom lens. *5 Optional ultra-short-throw zoom lens scheduled for release 2H CY2021. *6 Visit PASS to download free Geometry Manager Pro Software for Windows®. *7 MZ880 excluded. Approximate value according to Panasonic testing in comparison to equivalent models in PT-MZ770 Series. *8 Specifications vary depending on projector model. *9 Filter replacement recommended after filter has been washed and reused twice, or if filter is not sufficiently clean after washing. *10 Light-source lifetime may be reduced depending on environmental conditions. Replacement of parts other than the light-source may be required within a shorter period. At 20,000 hours, brightness will have decreased to approximately 50 % of its original level (Light Output: Normal/Quiet, Picture Mode: Dynamic, [Dynamic Contrast] set to [2]). Eco Filter replacement is under conditions of 0.15 mg/m³ of particulate matter. Estimated maintenance time varies depending on environment. *11 Early Warning software (free 90-day trial) is bundled with free Multi Monitoring & Control Software for Windows. Purchase an optional license to continue use after the trial expires.

Specifications (Tentative)

Model		PT-MZ880	PT-MZ780	PT-MZ680
Projector type		LCD projectors		
LCD panel	Panel size	19.3 mm (0.76˝) 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		8,000 lm	7,000 lm	6,000 lm
Time until light output declines to 50 %*2		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) [TBD]		
Screen size (diagonal)		1.02–10.16 m (40–400 in), 16:10 aspect ratio, 1.52–10.16 m (60–400 in) with the ET-ELW22, 16:10 aspect ratio, 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 powered zoom/focus lenses also available)		
Lens shift	Vertical (From the origin point of the lens mounter)	±67 % (powered) (for supplied lens; optional powered zoom/focus lenses also available*3)		
	Horizontal (From the origin point of the lens mounter)	±35 % (powered) (for supplied lens; optional powered zoom/focus lenses also available*3)		
Keystone correction range		Vertical: ±25 °, Horizontal: ±30 ° (for supplied lens; optional powered zoom/focus lenses also available*3)		
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*4 signal input), 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 (RS-232C compliant)		
	MULTI SYNC OUT	D-sub 9-pin (male) x 1 for link control		
	REMOTE 1 IN	M3 stereo mini-jack		
	REMOTE 2 IN	D-sub 9-pin (female) x 1 for external control		
	AUDIO IN	M3 stereo mini-jack		
	AUDIO OUT	M3 stereo mini-jack		
	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*4 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		520 W or less [TBD]	450 W or less [TBD]	390 W or less [TBD]
Cabinet materials		Molded plastic		
Filter		Included (Estimated maintenance time: approx. 20,000 hours)		
Operation noise*1		35 dB (Normal/Eco) [TBD], 28 dB (Quiet) [TBD]	32 dB (Normal/Eco) [TBD], 26 dB (Quiet) [TBD]	
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*5		Approx. 18.6 kg (41.0 lbs) (with supplied lens) [TBD]		Approx. 17.6 kg (38.8 lbs) (with supplied lens) [TBD]
Operating environment		Operating temperature: 0–45 °C (32–113 °F)*6, 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		

*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 At 20,000 hours, brightness will have decreased to approximately 50 % of its original level (Light Output: Normal/Quiet, Picture Mode: Dynamic, [Dynamic Contrast] set to 2]). Estimated time until light output declines to 50 % varies depending on environment. *3 Lens-shift range and keystone correction range may vary depending on lens. *4 YPBPR 4:2:0 format only for 4K/60p signals input via DIGITAL LINK. 4K signals are converted to the projector's resolution (1920 x 1200 pixels) upon projection. Supported terminals: DIGITAL LINK/HDMI®. *5 Average value. May differ depending on the actual unit. *6 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 (2,296 ft) and ambient temperature is 38 °C (100 °F) [TBD] or higher; when the projector is used at altitudes between 700 m (2,296 ft) and 1,400 m (4,593 ft) exclusive and ambient temperature is 36 °C (97 °F) [TBD] 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) [TBD] 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) [TBD] or higher.

Optional Accessories

- **Fixed-Focus Lens**
  ET-ELW21 (0.764:1)
- **Zoom Lens**
  ET-ELU20* (0.330–0.354:1) / 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 2H CY2021.
  ** US/Canada/Europe 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 – **panasonic.net/cns/projector**
Facebook – **www.facebook.com/panasonicprojectoranddisplay**
YouTube – **www.youtube.com/user/PanasonicProjector**

All information included here is valid as of February 2021.

PT-MZ880PRE1 Printed in Japan.