Panasonic CONNECT

New LCD Laser Projectors Deliver Well-Balanced Color and Brightness with Seamless Integration into Corporate, Education, and Museum Environments

PT-MZ880

The Series features PT-MZ880 (8,000 lm), PT-MZ780 (7,000 lm), and PT-MZ680 (6,000 lm) WUXGA models with a refined Multi-Laser Drive Engine for the optimal balance of high brightness, vivid colour, and low-maintenance operation. *1 Measurement, measuring conditions, and method of notation are all compliant with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped.

Key Features

- Laser LCD, 8 000 lumens, WUXGA
- Compact and lightweight body, designed with ultra-low noise operation (26dB)
- Wide Lens shift area and Ultra-Short Throw lens to expand installation capability
- Edge Blending function to realize versatile space creation
- Significant contribution to sustainability thanks to low Power consumption and Washable Eco Filter

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PT-MZ880

https://eu.connect.panasonic.com/gb/en/products/projectors/pt-mz880

Projector type	LCD projectors
LCD panel | Panel size (mm)	19.3 mm diagonal (16:10 aspect ratio)
LCD panel | Panel size (inch)	0.76 inch diagonal (16:10 aspect ratio)
LCD Panel | Display Method	Transparent LCD panel (x 3, R/G/B)
LCD Panel | Drive Method	Active matrix
LCD Panel | Pixels	2,304,000 (Pixels 1920 x 1200) pixels x 3
Light Source	Laser diodes
Light Output*1 *2	8,000 lm
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) (mm)	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
Screen size (diagonal) (inch)	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 | Vertical(From the origin point of the lens mounter)	±67 % (powered) (for supplied lens; optional lenses also available*4)
Lens shift | Horizontal(From the origin point of the lens mounter)	±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
Terminals | Computer In	D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR)
Terminals | Monitor Out	D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR)
Terminals | Serial / Multi Sync In	D-sub 9-pin (female) x 1 for external control/link control (RS-232C compliant)
Terminals | Multi Sync Out	D-sub 9-pin (male) x 1 for link control
Terminals | REMOTE 1 IN	M3 stereo mini-jack x 1 for wired remote control
Terminals | Remote 2 In	D-sub 9-pin (female) x 1 for external control (parallel)
Terminals | Audio In	M3 stereo mini-jack x 1
Terminals | Audio Out	M3 stereo mini-jack x 1
Terminals | 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)
Terminals | LAN	RJ-45 x 1 for network connection, 10Base-T, 100Base-TX (Compatible with PJLink™ [Class 2], Art-Net)
Terminals | 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)
Power Consumption*7 | 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)
Cabinet Materials	Molded plastic
Filter	Included (Estimated maintenance time: approx. 20,000 hours)
Operation noise*1	34 dB (NORMAL/ECO), 27 dB (QUIET)
Dimensions (W × H*8 × D)	561 x 224 x 439 mm (22 3/32″ x 8 13/16″ x 17 9/32″) (with supplied lens)
Weight*9	Approx. 18.6 kg (41.0 lbs) (with supplied lens)
Operating Environment	Operating temperature: 0–45 °C (32–113 °F)*10 operating humidity: 20–80 % (no condensation)
Applicable software/application	Logo Transfer Software, Multi Monitoring & Control Software, Early Warning Software, Smart Projector Control for iOS/Android™, Geometry Manager Pro*11

Note	*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 outputwill 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 YPBPR 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 With legs at shortest position.*9 Average value. May differ depending on the actual unit. *10 Note that the projector cannot be used at altitudes 2,700 m (8,858 ft) or higher abovesea 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) and1,400 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 between2,100 m (6,890 ft) and 2,700 m (8,858 ft) exclusive and ambient temperature is 32 °C (90 °F) or higher. *11 Some functions available in Geo Pro software are not supported by the PT-MZ880 Series.