Panasonic CONNECT

Revitalize Sustainability and Image Quality in Classrooms and the Workplace

PT-MZ682

The Series features PT-MZ882 (8,200 lm11), PT-MZ782 (7,500 lm11), and PT-MZ682 (6,500 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

- Eco-Conscious Design Includes Recycled Materials
- Bright and Sharp for Comfortable Visibility
- A Streamlined Work/low and Efficient UX

SOLID SHINE LASER

4K PROFESSIONAL

24/7 Operation

360°

Geo. Pro

ACCEPTS 4K SIGNAL

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PT-MZ682

https://eu.connect.panasonic.com/pt/en/projectors/pt-mz880-series/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	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 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), 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	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), ±60 % (with ET-ELW22), ±50 % (with ET-ELU20) (TBD)
Lens shift Horizontal (From the origin point of the lens mounter)	±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 input4), 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/60p4, 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	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	330 W (AC 100–120 V), 315 W (AC 200–240 V) (TBD)
ECO	240 W (AC 100–120 V), 230 W (AC 200–240 V) (TBD)
QUIET	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 2	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. 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, Smart Projector Control for iOS/Android™, Geometry Manager Pro 9

Note	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 average of all products when shipped. 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 YPBPR 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.