



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



PT-MZ682

<https://ap.connect.panasonic.com/th/en/products/projectors/pt-mz682>

Projector type	LCD projector
Display method	Transparent LCD panel (x 3, R/G/B)
Display Device -> Panel size	19.3 mm (0.76 in) diagonal (16:10 aspect ratio)
Display Device -> Drive method	Active matrix method
Display Device -> Number of pixels	2,304,000 (1920 x 1200 pixels)
Light source	Laser diodes
Light output *1	6,500 lm
Light output (ANSI)	6,500 lm
Time until light output declines to 50 % -> NORMAL *3	20,000 hours [NORMAL]
Time until light output declines to 50 % -> ECO *3	24,000 hours [ECO]
Time until light output declines to 50 % -> QUIET *6	20,000 hours [QUIET]
Resolution	WUXGA (1920 x 1200 pixels)
Contrast Ratio (typ.) *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 -> Vertical(from center of screen) *4	±67 % (powered), ±60 % (with ET-ELW22), ±50 % (with ET-ELU20) (TBD)
Lens shift -> Horizontal(from center of screen) *4	±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
Terminals -> COMPUTER IN (D-SUB 15pin)	D-sub HD 15-pin (female) x 1 (RGB/Y/P _B P _R /Y/C _B C _R)
Terminals -> COMPUTER OUT (D-SUB 15pin)	D-sub HD 15-pin (female) x 1 (RGB/Y/P _B P _R /Y/C _B C _R)
Terminals -> AUDIO IN(M3 Stereo Mini Jack)	M3 stereo mini-jack x 1
Terminals -> AUDIO OUT(M3 Stereo Mini Jack)	M3 stereo mini-jack x 1
Terminals -> MULTI PROJECTOR SYNC IN	D-sub 9-pin (female) x 1 for external control/link control (RS-232C compliant)
Terminals -> MULTI PROJECTOR SYNC OUT	D-sub 9-pin (male) x 1 for link control
Terminals -> SERIAL IN	D-sub 9-pin (female) x 1 for external control/link control (RS-232C compliant)
Terminals -> SERIAL/MULTI-PROJECTOR SYNC IN	D-sub 9-pin (female) x 1 for external control/link control (RS-232C compliant)
Terminals -> SERIAL/MULTI-PROJECTOR SYNC OUT	D-sub 9-pin (female) x 1 for external control/link control (RS-232C compliant)
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 -> DIGITAL LINK IN / LAN	RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control)(HDBase™ compliant), 100Base-TX (Compatible with PLink™ [Class 2], Art-Net, HDCP 2.3, Deep Color, 4K/60p*4 *5 signal input)
Terminals -> LAN	RJ-45 x 1 for network connection, 10Base-T, 100Base-TX (Compatible with PLink™ [Class 2], Art-Net)
Terminals -> 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	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)	[NORMAL] -> 330 W (AC 100–120 V), Normal 315 W (AC 200–240 V) (TBD)
On-mode power consumption(Operating mode)	[ECO] -> 240 W (AC 100–120 V), Eco 230 W (AC 200–240 V) (TBD)
On-mode power consumption(Operating mode)	[QUIET] -> 238 W (AC 100–120 V), Quiet *8 228 W (AC 200–240 V) (TBD)
Cabinet materials	Molded plastic
Filter	Included
Estimated filter maintenance cycle	Approx. 20,000 hours
Operation noise -> Normal *1	32 dB [NORMAL]
Operation noise -> Eco *3	32 dB [ECO]
Operation noise -> Quiet *1	25 dB [QUIET]
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)

Dimensions -> Width (including protruding parts)	561 mm (22 3/32")
Dimensions -> Height (including protruding parts)	224 mm (8 13/16")
Dimensions -> Depth (including lens)	439 mm (17 9/32")
Weight *7	Approx. 17.6 kg (38.8 lbs) (with supplied lens)
Operating environment -> Operating temperature *8 *9	0–45 °C (32–113 °F)
Operating Environment -> Operating humidity (No condensation)	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
Footnote Description	<p>1. When [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL].</p> <p>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.</p> <p>3. Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped.</p> <p>4. 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.</p> <p>5. 4K signals are converted to the projector's resolution (1920 x 1200 pixels) upon projection.</p> <p>6. YP<sub>B</sub>P<sub>R</sub> 4:2:0 format only for 4K/60p and 4K/50p signals input via DIGITAL LINK.</p> <p>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).</p> <p>8. Average value. May differ depending on the actual unit.</p> <p>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 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.</p> <p>10. This projector series does not support some functions available in Geo Pro software.</p>
Body Colour	Black/White
Gross Dimensions (W x H x D in mm)	MZ682WEJ/MZ682BEJ/MZ682WU7/MZ682BU7: 756 x 545 x 348 mm MZ682W/MZ682B: 746 x 535 x 332 mm
Gross Weight (Kg)	MZ682WEJ/MZ682BEJ: 23.5 kg (51.8 lbs) MZ682WU7/MZ682BU7: 22.9 kg (50.4 lbs) MZ682W/MZ682B: 22.0 kg (48.6 lbs)
NFC	https://docs.connect.panasonic.com/projector/products/smartpjcontrol/regional.html#regional
EAN	MZ682WEJ: 5025232964000 MZ682BEJ: 5025232964055 MZ682W: 5025232964017 MZ682B: 5025232964062