PT-MZ17KL

Key Features

World's Smallest, Lightest, and Quietest 16,500 lm LCD Projector
Long-Life Energy-Saving Design Minimizes Problems
Delivering up to 20,000 lm on AC 100–240 V, a World First

PT-MZ17KL

https://eu.connect.panasonic.com/de/de/products/projectors/pt-mz17kl

Projector type	LCD projector
LCD Panel | Panel Size	25.4 mm (1.0 in) diagonal (16:10 aspect ratio)
LCD Panel | Display System	Transparent LCD panel (x 3, R/G/B)
LCD Panel | Drive Method	Active matrix method
LCD Panel | Pixels	2,304,000 (1920 x 1200 pixels)
Light Source	Laser diode
Light Output*1 *2	16,500 lm
Time until light output declines to 50 %*3	20,000 hours (NORMAL/QUIET)
Auflösung	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] set to [3].)
Screen Size (Diagonal)	2.03–15.24 m (80–600 in), 2.54–10.16 m (100–400 in) with ET-EMU100,2.03–12.70 m (80–500 in) with ET-EMT8004, 16:10 aspect ratio
Center-to-corner zone ratio*1	85 %

Lens	Optional (no lens included with this model)
Lens shift | Vertical (from center of screen)	±60 % (+50 %, -20 % with ET-EMU100, ±40 % with ET-EMW200, ±50 % with ET-EMW300) (powered)
Lens shift | Horizontal (from center of screen)	±20 % (±19 % with ET-EMW200) (powered)
Keystone Correction Range	Vertical: ±45 ° (±5 ° with ET-EMU100, ±14 ° with ET-EMW200/ET-EMW300, ±22 ° with ET-EMW400/ET-EMW500), Horizontal: ±40 ° (±0 ° with ET-EMU100, ±8 ° with ET-EMW200/ET-EMW300,±15 ° with ET-EMW400/ET-EMW500). When [VERTICAL KEYSTONE] and [HORIZONTAL KEYSTONE] are used simultaneously, correction cannot be made exceeding a total of 55 °.
Terminals | SDI In	BNC x 1: 3G/HD-SDI input
Terminals | HDMI In	HDMI 19-pin x 2 (Compatible with HDCP 2.3, Deep Color, 4K/60p signal input5), CEC supported
Terminals | Serial/Multi Projector Sync In	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)
Terminals | Serial/Multi Projector Sync Out	D-sub 9-pin (male) x 1 for link control (RS-232C compliant)
Terminals | REMOTE 1	D-sub 9-pin (female) × 1 for external control (parallel)
Terminals | Remote 2 In	M3 x 1 for wired remote control
Terminals | Remote 2 Out	M3 x 1 for link control (for wired remote control)
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 signal input*5)
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 for power supply (Output: 5 V / 2 A)
Terminals | USB	USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module, for USB memory
Power Supply	AC 100–240 V, 50/60 Hz
Filter	Included (Estimated maintenance time: approx. 20,000 hours *7)
Operation noise*1	38 dB (NORMAL), 32 dB (QUIET)
Abmessung (B x H x T)	Approx. 650 x 185 x 440 mm (25 19/32″ x 7 9/32″ x 17 5/16″) (excluding feet and protrusions), 650 x 211 x 440 mm (25 19/32″ x 8 5/16″ x 17 5/16″) (excluding protrusions, feet at shortest position)
Weight*8	Approx. 22.5 kg (49.6 lbs)
Operating Environment	Operating temperature: 0–45 °C (32–113 °F)*9, operating humidity: 10–80 % (no condensation)
Applicable Software	Logo Transfer Software, Multi Monitoring & Control Software, Early Warning Software, Geometry Manager Pro, Projector Network Setup Software, Smart Projector Control for iOS/Android™
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 [OPERATING MODE] is set to [NORMAL]. This is the value when the Zoom Lens (Model No.: ET-EMS650) is used. Thevalue varies depending on the lens. *3 Around this time, light output will have decreased by approximately 50 %. IEC62087: 2008 Broadcast contents, NORMAL Mode, [DYNAMIC CONTRAST] set to [3], under conditions with 30 °C (86 °F), 700 m (2,297 ft) above sea level, and 0.15 mg/m3 ofparticulate matter. Estimated time until light output decreases to 50 % will vary depending on environment. *4 ET-EMT800 is compatible with PT-MZ17KL/MZ14KL/MZ11KL only. It cannot be used with PT-MZ20KL. *5 4K signals are converted to the projector's resolution (1920 x 1200 pixels) uponprojection. 4K/60p and 4K/50p signals input via DIGITAL LINK are supported in YPBPR 4:2:0 format only. *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) operatingtemperature at an altitude of 700 m (2,297 ft). *7 Under conditions of 0.15 mg/m3 of particulate matter. Estimated maintenance time varies depending on environment. Filter can be washed and reused up to two times. *8 Average value. May differ depending on the actual unit. *9 Note that the projectorcannot 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 1,400 m (4,593 ft) and ambient temperature is 35 °C (95 °F) or higher; when theprojector is used at altitudes between 1,400 m (4,593 ft) and 2,700 m (8,858 ft) exclusive and ambient temperature is 30 °C (86 °F) or higher. The operating environment temperature should be between 0 °C (32 °F) and 40 °C (104 °F) when the optional AJ-WM50 Series Wireless Module is attached.
Power consumption*6 | Maximum power consumption	950 W (9.6–4.0 A) (960 VA)
Power consumption*6 | On-mode power consumption (Light power) [Normal]	880 W (AC 100–120 V),850 W (AC 200–240 V)

Power consumption*6 | On-mode power consumption (Light power) [Quiet]	580 W (AC 100–120 V),560 W (AC 200–240 V)