Panasonic CONNECT

PT-MZ17KL

The World's Smallest, Lightest, and Quietest 20,000*1 lm Projector *1 Light output of PT-MZ20KL. As of November 2022, based on publicly available dimensions, weight, and operation noise values for LCD laser projectors with 20,000 lm brightness and above. Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped.

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

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https://oc.connect.panasonic.com/nz/en/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)
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] 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
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)
Filter	Included (Estimated maintenance time: approx. 20,000 hours *7)
Operation noise*1	38 dB (NORMAL), 32 dB (QUIET)
Dimensions (W x H x D)	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.