Panasonic CONNECT



PT-MZ17KL

The World's Smallest, Lightest, and Quietest 20,000*1 Im 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 Im 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





PT-MZ17KL

https://latam.connect.panasonic.com/br/en/products/projectors/pt-mz17kl

Projector type	LCD projectors
Display method	Transparent LCD panel (x 3, R/G/B)
Display Device -> Panel size	25.4 mm (1.0 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)
ight source	Laser diode
Light output *1 *2	16,500 lm
Light output (ANSI) *3	16,500 lm
Time until light output declines to 50 %	620,000 hours [NORMAL]
> NORMAL *4	
Fime until light output declines to 50 % -> QUIET ^{*4}	620,000 hours [QUIET]
Resolution	WUXGA (1920 x 1200 pixels)
Contrast Ratio (typ.) *2	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-EMT800*4, $16:10$ aspect ratio
Center-to-corner zone ratio *2	85%
Lens	Optional (no lens included with this model)
Lens shift -> Vertical(from center of	±60 % (+50 %, -20 % with ET-EMU100, ±40 % with ET-EMW200, ±50 % with ET-EMW300)
screen) *6	(powered)
Lens shift -> Horizontal(from center	•
of screen) *6	
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-EMW300/ET-EMW300, ± 15 ° with ET-EMW300/ET-E
	EMW400/ET-EMW500). When [VERTICAL KEYSTONE] and [HORIZONTAL KEYSTONE] are used simultaneously,
	correction cannot be made exceeding a total of 55 °.
Installation	Ceiling/floor, front/rear, free 360-degree installation
Terminals -> SDI IN	BNC x1:3G/HD-SDI input
Terminals -> HDMI [™] IN	${\sf HDMI^{TM}}$ 19-pin x 2 (Compatible with HDCP 2.3, Deep Color, 4K/60p signal input*4), 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 IN	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 IN / LAN	RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBaseT TM compliant), 100Base-TX (Compatible with PJLink TM [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 TM [Class 2], Art-Net)
Terminals -> DC OUT	USB connector (Type A) x 1 for power supply (Output: 5 V / 2 A)
Terminals -> USB TYPE A	USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module, for USB memory
	OSD connector (Type A) X 1 for optional Aj-WWSO Series Wireless Woodale, for OSD memory
	AC 100–240 V, 50/60 Hz
Power supply	
Power supply Maximum power consumption	AC 100-240 V, 50/60 Hz
Power supply Maximum power consumption On-mode power consumption(Operating mode) ->	AC 100-240 V, 50/60 Hz 950 W (9.6-4.0 A) (960 VA)
Power supply Maximum power consumption On-mode power consumption(Operating mode) -> Normal ^{*11}	AC 100-240 V, 50/60 Hz 950 W (9.6-4.0 A) (960 VA) [NORMAL] 880 W (AC 100-120 V),
Power supply Maximum power consumption On-mode power consumption(Operating mode) -> Normal *11 On-mode power consumption(Operating mode) ->	AC 100–240 V, 50/60 Hz 950 W (9.6–4.0 A) (960 VA) [NORMAL] 880 W (AC 100–120 V), 850 W (AC 200–240 V)
Power supply Maximum power consumption On-mode power consumption(Operating mode) -> Normal *11 On-mode power consumption(Operating mode) -> Quiet *11	AC 100-240 V, 50/60 Hz 950 W (9.6-4.0 A) (960 VA) [NORMAL] 880 W (AC 100-120 V), 850 W (AC 200-240 V) [QUIET] 580 W (AC 100-120 V),
Power supply Maximum power consumption On-mode power consumption(Operating mode) -> Normal *11 On-mode power consumption(Operating mode) -> Quiet *11 Cabinet materials	AC 100-240 V, 50/60 Hz 950 W (9.6-4.0 A) (960 VA) [NORMAL] 880 W (AC 100-120 V), 850 W (AC 200-240 V) [QUIET] 580 W (AC 100-120 V), 560 W (AC 200-240 V)
Power supply Maximum power consumption On-mode power consumption(Operating mode) -> Normal *11 On-mode power consumption(Operating mode) -> Quiet *11 Cabinet materials	AC 100-240 V, 50/60 Hz 950 W (9.6-4.0 A) (960 VA) [NORMAL] 880 W (AC 100-120 V), 850 W (AC 200-240 V) [QUIET] 580 W (AC 100-120 V), 560 W (AC 200-240 V) Molded plastic
Power supply Maximum power consumption On-mode power consumption(Operating mode) -> Normal *11 On-mode power consumption(Operating mode) -> Quiet *11 Cabinet materials Filter Estimated filter maintenance cycle	AC 100-240 V, 50/60 Hz 950 W (9.6-4.0 A) (960 VA) [NORMAL] 880 W (AC 100-120 V), 850 W (AC 200-240 V) [QUIET] 580 W (AC 100-120 V), 560 W (AC 200-240 V) Molded plastic Included
Power supply Maximum power consumption On-mode power consumption(Operating mode) -> Normal *11 On-mode power consumption(Operating mode) -> Quiet *11 Cabinet materials Filter Estimated filter maintenance cycle Operation noise -> Normal *2	AC 100-240 V, 50/60 Hz 950 W (9.6-4.0 A) (960 VA) [NORMAL] 880 W (AC 100-120 V), 850 W (AC 200-240 V) [QUIET] 580 W (AC 100-120 V), 560 W (AC 200-240 V) Molded plastic Included approx. 20,000 hours*7
Power supply Maximum power consumption On-mode power consumption(Operating mode) -> Normal *11 On-mode power consumption(Operating mode) -> Quiet *11 Cabinet materials Filter Estimated filter maintenance cycle Operation noise -> Normal *2 Operation noise -> Quiet *2	AC 100–240 V, 50/60 Hz 950 W (9.6–4.0 A) (960 VA) [NORMAL] 880 W (AC 100–120 V), 850 W (AC 200–240 V) [QUIET] 580 W (AC 200–240 V) Molded plastic Included approx. 20,000 hours*7 38 dB [NORMAL] 32 dB [QUIET] 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)
Power supply Maximum power consumption On-mode power consumption(Operating mode) -> Normal *11 On-mode power consumption(Operating mode) -> Quiet *11 Cabinet materials Filter Estimated filter maintenance cycle Operation noise -> Normal *2 Operation noise -> Quiet *2 Dimensions (W x H x D)	AC 100–240 V, 50/60 Hz 950 W (9.6–4.0 A) (960 VA) [NORMAL] 880 W (AC 100–120 V), 850 W (AC 200–240 V) [QUIET] 580 W (AC 200–240 V) Molded plastic Included approx. 20,000 hours*7 38 dB [NORMAL] 32 dB [QUIET] 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 with feet at shortest position)
Power supply Maximum power consumption On-mode power consumption(Operating mode) -> Normal *11 On-mode power consumption(Operating mode) -> Quiet *11 Cabinet materials Filter Estimated filter maintenance cycle Operation noise -> Normal *2 Operation noise -> Quiet *2 Dimensions (W x H x D) Dimensions (W x H x D) -> Width (not including protruding parts)	AC 100–240 V, 50/60 Hz 950 W (9.6–4.0 A) (960 VA) [NORMAL] 880 W (AC 100–120 V), 850 W (AC 200–240 V) [QUIET] 580 W (AC 200–240 V) Molded plastic Included approx. 20,000 hours*7 38 dB [NORMAL] 32 dB [QUIET] 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 with feet at shortest position) Approx. 650 mm (25 19/32")
Power supply Maximum power consumption On-mode power consumption(Operating mode) -> Normal *11 On-mode power consumption(Operating mode) -> Quiet *11 Cabinet materials Filter Estimated filter maintenance cycle Operation noise -> Normal *2 Operation noise -> Quiet *2 Dimensions (W x H x D) Dimensions (W x H x D) -> Width (not	AC 100–240 V, 50/60 Hz 950 W (9.6–4.0 A) (960 VA) [NORMAL] 880 W (AC 100–120 V), 850 W (AC 200–240 V) [QUIET] 580 W (AC 200–240 V) Molded plastic Included approx. 20,000 hours*7 38 dB [NORMAL] 32 dB [QUIET] 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 with feet at shortest position)

Dimensions -> Height (including	Approx. 211 mm (8 5/16")
protruding parts)	
Dimensions -> Depth (not including protruding parts)	Approx. 440 mm (17 5/16")
Dimensions -> Depth (including lens)	Approx. 440 mm (17 5/16")
Weight * ⁷	Approx. 22.5 kg (49.6 lbs)
Operating environment -> Operating temperature *8	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, Early Warning Software, Geometry Manager Pro,Projector Network Setup Software, Smart Projector Control for iOS/Android TM
Footnote Description	 When [OPERATING MODE] is set to [NORMAL]. This is the value when the Zoom Lens (Model No.: ET-EMS650) is used. The value varies depending on the lens. 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. Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped. 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 of particulate matter. Estimated time until light output decreases to 50 % will vary depending on environment. ET-EMT800 is compatible with PT-MZ17KL/MZ14KL/MZ11KL only. It cannot be used with PT-MZ20KL. 4K signals are converted to the projector's resolution (1920 x 1200 pixels) upon projection. 4K/60p and 4K/50p signals input via DIGITAL LINK are supported in YPBPR 4:2:0 format only. 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). 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.

9. Average value. May differ depending on the actual unit.

the optional AJ-WM50 Series Wireless Module is attached.

10. 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 1,400 m (4,593 ft) and ambient temperature is 35 °C (95 °F) or higher; when the projector 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