

Meet the World's Smallest, Lightest, and Quietest 20,000 lm Projector

PT-MZ20KL

Ready to Bring Engaging, High-Visibility Images to Large Spaces



KEY FEATURES

- A Perfect Balance of High Brightness and Rich Color
- Stress-free Reliability and High Efficiency
- Harmonious Integration into Hybrid Spaces

Product Specifications

SPECIFICATIONS

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 Number of pixels	2,304,000 (1920 x 1200 pixels)
Light Source	Laser diode
Light Output*1 *2	20,000 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] is set to [3].)
Screen Size (Diagonal)	2.03–12.7 m (80–500 in), 2.54–10.16 m (100–400 in) with ET-EMU100 (TBD), 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: ±40 ° (±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) 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 x 1: 3G/HD-SDI input
Terminals HDMI In	HDMI 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	D-sub 9-pin (female) x 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 PLink™ [Class 2], Art-Net, HDCP 2.2, Deep Color, 4K/60p signal input*4)
Terminals LAN	RJ-45 x 1 for network connection, 10Base-T, 100Base-TX (Compatible with PLink™ [Class 2], Art-Net)
Terminals DC Out	USB Connector (Type A) x 1 (Output 5 V/2 A)
Power Supply	AC 100–240 V, 50/60 Hz
Power consumption Maximum power consumption	1,150 W (11.5–5 A) (1,160 VA) (TBD)
Power consumption On-mode power consumption (Light power)[Normal]	1,100 W (TBD)
Power consumption On-mode power consumption (Light power)[Quiet]	800 W (TBD)
Cabinet Materials	Molded plastic
Filter	Included (Estimated maintenance time: approx. 20,000 hours *5)
Operation noise*1	42 dB (NORMAL), 36 dB (QUIET) (TBD)
Dimensions (W x H x D)	Approx. 650 x 211*6 x 440 mm*7 (25 19/32" x 8 5/16" *6 x 17 5/16" 7) (TBD)
Weight*8	Approx. 23.3kg (51.6lbs) (TBD)

Operating Environment	Operating temperature: 0–45 °C (32–113 °F)*9, operating humidity: 20–80 % (no condensation)
Applicable Software	Logo Transfer Software, Multi Monitoring & Control Software, Early Warning Software, Geometry Manager Pro (ET-UK20 Upgrade Kit, ET-CUK10 Auto Screen Adjustment Kit), Smart Projector Control for iOS/Android™
Note	<p>*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 [PICTURE MODE] is set to [DYNAMIC], [LIGHT POWER] is set to [NORMAL], [DAYLIGHT VIEW] is set to [OFF] and [AUTO POWER SAVE] is set to [OFF]. *3 Around this time, light output will have decreased by approximately 50 %.</p> <p>IEC62087: 2008 Broadcast contents, Normal Mode, Dynamic Contrast [3], under conditions with 35 °C (95 °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. *4 4K signals are converted to the projector's resolution (1920 x 1200 pixels) upon projection. YPBPR 4:2:0 format only for 4K/60p signals input via DIGITAL LINK. *5 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. *6 With legs at shortest position. *7 Not including protruding parts. *8 Average value. May differ depending on the actual unit. *9 When using the projector at an altitude lower than 2,700 m (8,858 ft) above sea level, and the operating environment temperature becomes 35 °C (95 °F) or higher, the light output may be reduced to protect the projector.</p>
Notification	Please be aware that official product announcement is on 1st March 2022. Internal use only until this date.

URL: <https://business.panasonic.co.uk/visual-system/pt-mz20kl>

CONTACT

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