



Laser light source, 3LCD, 13 000 lumens, WUXGA projector

PT-MZ13KL

Designed to reduce the AV managers workload in businesses and universities.

Key Features

Laser 3LCD, 13 000 lumens, WUXGA


Silent (35dB in normal mode) and light construction (22kg) is ideal for lecture theatres and seminar rooms

20 000 hours maintenance-free operation due to the dustproof construction and long-lasting eco filter

Triple drive engine ensures non-stop operation with a failover function. A secondary backup signal input and the monitoring function reduce the impact of potential technical faults.

Flexible installation with a choice of seven optional zoom lenses. Easy setup with Geo Pro software and DIGITAL LINK function



 Product Image : PT-MZ13K



PT-MZ13KL

<https://ap.connect.panasonic.com/th/en/products/projectors/pt-mz13kl>

| Feature | Specification |
|--|--|
| Projector type | LCD projectors |
| Light Source | Laser diodes |
| Light output*1 | 13,000 lm |
| Time until light output declines to 50 %*2 | 20,000 hours (NORMAL) |
| Resolution | 1920 x 1200 pixels |
| Contrast Ratio*1 | 3,000,000:1 (Full On/Full Off) * With [Dynamic Contrast] set to [3] |
| Screen size [diagonal] | 2.03-12.7 m (80-500 in), 16:10 aspect ratio |
| Center-to-corner zone ratio*1 | 85 % |
| Lens | Optional powered zoom lenses |
| Lens shift Vertical (from center of screen) | ±60 % (±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° (±14° with ET-EMW200/ET-EMW300, ±22° with ET-EMW400/ET-EMW500), Horizontal: ±15° (±8° with ET-EMW200/ET-EMW300) |
| Keystone correction range with optional ET-UK20 Upgrade Kit | Vertical: ±40° (±14° with ET-EMW200/ET-EMW300, ±22° with ET-EMW400/ET-EMW500), Horizontal: ±40° (±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°. |
| 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 1 (Compatible with HDCP 2.2, Deep Color, 4K/60p signal input*3) |
| Terminals DVI-D In | DVI-D 24-pin x 1 (DVI 1.0 compliant, compatible with HDCP, compatible with single link only) |
| Terminal RGB In | D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR) |
| 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) 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 LAN | RJ-45 x 1 for network connection, 10Base-T, 100Base-TX (Compatible with PJLink™ [Class 2], Art-Net) |
| Terminals DIGITAL LINK | RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBase™ compliant), 100Base-TX (Compatible with PJLink™ [Class 2], Art-Net, HDCP 2.2, Deep Color, 4K/60p signal input*3) |
| 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 | 800 W |
| Cabinet Materials | Molded plastic |
| Filter | Included (Estimated maintenance time: approx. 20,000 hours) |
| Operation noise*1 | 35 dB (NORMAL) / 30 dB (Quiet) |
| Dimensions (W x H x D) | 650 x 211*4 x 440 mm (25 19/32" x 8 5/16" *4 x 17 21/64") (Without lens) |
| Weight*5 | Approx. 22.3 kg (49.2 lbs) |
| Operating Environment | Operating temperature: 0-45 °C (32-113 °F)*6; Operating humidity: 10-80 % (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 | *1 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2012 international standards. Value is average of all products when shipped. *2 Around this time, light output will have decreased by approximately 50 %. IEC62087: 2008 Broadcast contents, NORMAL Mode, Dynamic Contrast [2], under conditions with 35 °C (95 °F), 700 m (2,297 ft) above sea level, and 0.15 mg/m ³ of particulate matter. Estimated time until light output declines to 50 % varies depending on environment. *3 4K signals are converted to the projector's resolution (1920 x 1200 pixels) upon projection. Supported terminals: DIGITAL LINK/HDMI®. *4 With legs at shortest position. *5 Average value. May differ depending on the actual unit. *6 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. |
| Light output | 13,000 lm |
| LCD Panel Panel Size | 25.4 mm (1.0 in) diagonal (16:10 aspect ratio) |
| LCD Panel Number of pixels | 2,304,000 (Pixels 1920 x 1200) pixels x 3 |