Panasonic

# PT-MZ14KL

LCD 가 가 , 20,000lm
23kg2(50.7 lbs) , 42 dB*3
.

**Key Features**

가 , 가 가 , 가 14,000 lm LCD

AC 100–240 V 20,000lm

(Long-Life) ·

Panasonic

# PT-MZ14KL

https://ap.pnd.panasonic.com/sg/ko/pt-mz14kl

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| **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) |
| **Light source** | Laser diode |
| **Light output** *1 *2 *3 | 14,000 lm |
| **Light output (ANSI)** *1 *2 *4 | 14,000 lm |
| **Time until light output declines to 50 % -> NORMAL** *6 | 20,000 [NORMAL] |
| **Time until light output declines to 50 % -> QUIET** *5 | 20,000 hours [QUIET] |
| **Resolution** | WUXGA (1920 x 1200 pixels) |
| **Contrast Ratio (typ.)** *3 | 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** *3 | 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** | : ±45° (ET-EMU100 ±5°, ET-EMW200/ET-EMW300 ±14°, ±ET-EMW400/ET-EMW500 22°),<br>: ±40°(ET-EMU100 ±0°, ET-EMW200/ET-EMW300 ±8°, ET-EMW400/ET-EMW500 ±15°).<br>[ ] [ ] , 55° . |
| **Installation** | / , / , free 360-degree installation |
| **Terminals -> SDI IN** | BNC x 1: 3G/HD-SDI |
| **Terminals -> HDMI™ IN** | HDMI™ 19 x 2 (HDCP 2.3 , Deep Color, 4K/60p *4), CEC |
| **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™ 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 , 10Base-T, 100Base-TX (PJLink™ [Class 2], Art-Net ) |
| **Terminals -> DC OUT** | USB ( A) x 1 ( : 5 V / 2 A) |
| **Terminals -> USB TYPE A** | USB ( A) x 1, AJ-WM50 , USB |
| **Power supply** | AC 100–240 V, 50/60 Hz |
| **Maximum power consumption** *9 | 800 W (8.1–3.3 A) (810 VA) |
| **On-mode power consumption(Operating mode) -> Normal** *9 *9 *10 | [NORMAL]<br>720 W (AC 100–120 V),<br>690 W (AC 200–240 V) |
| **On-mode power consumption(Operating mode) -> Quiet** *13 *14 | [QUIET]<br>460 W (AC 100–120 V),<br>445 W (AC 200–240 V) |
| **Cabinet materials** | Molded plastic |
| **Filter** | Included |
| **Estimated filter maintenance cycle** | 20,000 *7 |
| **Operation noise -> Normal** *3 | 35 dB [NORMAL] |
| **Operation noise -> Quiet** | 30 dB [QUIET] |
| **Body Colour** | PT-MZ14KLBEJ-BlackPT-MZ14KLBE-BlackPT-MZ14KLBD8-BlackPT-MZ14KLWEJ-WhitePT-MZ14KLWE-White |
| **Dimensions (W x H x D)** | 650 × 185 × 440 mm (25 19/32″ × 7 9/32″ × 17 5/16″) ( ),650 x 211 x 440 mm (25 19/32″ x 8 5/16″ x 17 5/16″) ( , ) |
| **Dimensions (W x H x D) -> Width (not including protruding parts)** | 650 mm (25 19/32″) |
| **Dimensions -> Width (including protruding parts)** | 650 mm (25 19/32″) |

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|---|---|
| **Dimensions -> Height (not including protruding parts)** | 185 mm (7 9/32″) |
| **Dimensions -> Height (including protruding parts)** | 211 mm (8 5/16″) |
| **Dimensions -> Depth (not including protruding parts)** | 440 mm (17 5/16″) |
| **Dimensions -> Depth (including lens)** | 440 mm (17 5/16″) |
| **Gross Dimensions (W x H x D in mm)** | MZ14KLWEJ/MZ14KLBEJ: Approx. 860 x 354 x 588 mm<br>MZ14KLWE/MZ14KLBE: Approx. 848 x 334 x 576 mm |
| **Weight** *11 | 22.5kg(49.6 ) |
| **Gross Weight (Kg)** | MZ14KLWEJ/MZ14KLBEJ: 30.1 kg (66.4 lbs)MZ14KLWE/MZ14KLBE: 28.3 kg (62.3 lbs) |
| **Operating environment -> Operating temperature** *12 | 0–45 °C (32–113 °F) |
| **Operating Environment -> Operating humidity (No condensation)** | 10–80 % (no condensation) |
| **Applicable software** | , , , Geometry Manager Pro, , iOS/ ™ |
| **NFC** | Yes |
| **EAN** | MZ14KLWEJ: 5025232934188<br>MZ14KLBEJ: 5025232934195<br>MZ14KLWE: 8887549820328<br>MZ14KLBE: 8887549820373 |
| **Terminals -> DVI-D IN** | — |
| **Terminals -> DisplayPort™ IN** | — |
| **Operation noise -> Eco** *3 | — |
| **Active 3D** | No |
| **SDM** | No |
| **Footnote Description** | 1. [OPERATING MODE]가 [NORMAL] . ( : ET-EMS650) . .<br>2. , , ISO/IEC 21118: 2020 . .<br>3. , , (American National Standards Institute) . .<br>4. 50% . IEC62087: 2008 , , [ ], [3] , 30°C(86°F), 700m(2,297 ), 0.15 mg/m3 . 50% .<br>5. ET-EMT800 PT-MZ17KL/MZ14KL/MZ11KL . PT-MZ20KL .<br>6. 4K (1920 x 1200 pixels) . 4K/60p 4K/50p DIGITAL LINK , YPBPR 4:2:0 .<br>7. , , ISO/IEC 21118: 2020 . ON 25 °C(77 °F), 700 m(2,297 ft) .<br>8. 0.15 mg/m³ . . .<br>9. .<br>10. 2,700 m(8,858 ft) . : 1,400 m(4,593 ft) 35 °C(95 °F) , 1,400 m(4,593 ft) 2,700 m(8,858 ft) 30 °C(86 °F) . AJ-WM50 0 °C(32 °F) 40 °C(104 °F) . |