

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) ·                                                                                         |          |



## PT-MZ14KL

<https://ap.pnd.panasonic.com/tw/ko/pt-mz14kl>

|                                                                            |                                                                                                                                                                                                            |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Projector type</b>                                                      | LCD projectors                                                                                                                                                                                             |
| <b>Display method</b>                                                      | Transparent LCD panel (x 3, R/G/B)                                                                                                                                                                         |
| <b>Display Device -&gt; Panel size</b>                                     | 25.4 mm (1.0 in) diagonal (16:10 aspect ratio)                                                                                                                                                             |
| <b>Display Device -&gt; Drive method</b>                                   | Active matrix method                                                                                                                                                                                       |
| <b>Display Device -&gt; Number of pixels</b>                               | 2,304,000 (1920 x 1200 pixels)                                                                                                                                                                             |
| <b>Light source</b>                                                        | Laser diode                                                                                                                                                                                                |
| <b>Light output *1 *2</b>                                                  | 14,000 lm                                                                                                                                                                                                  |
| <b>Light output (ANSI) *1 *3</b>                                           | 14,000 lm                                                                                                                                                                                                  |
| <b>Time until light output declines to 50 %20,000 [NORMAL]</b>             |                                                                                                                                                                                                            |
| <b>-&gt; NORMAL *5</b>                                                     |                                                                                                                                                                                                            |
| <b>Time until light output declines to 50 %20,000 hours [QUIET]</b>        |                                                                                                                                                                                                            |
| <b>-&gt; QUIET *5</b>                                                      |                                                                                                                                                                                                            |
| <b>Resolution *6</b>                                                       | WUXGA (1920 x 1200 pixels)                                                                                                                                                                                 |
| <b>Contrast Ratio (typ.)</b>                                               | 3,000,000:1 (Full On/Full Off) (When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] set to [3].)                                                                                                |
| <b>Screen size (diagonal)</b>                                              | 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                                                                          |
| <b>Center-to-corner zone ratio</b>                                         | 85%                                                                                                                                                                                                        |
| <b>Lens</b>                                                                | Optional (no lens included with this model)                                                                                                                                                                |
| <b>Lens shift -&gt; Vertical (from center of screen)</b>                   | ±60 % (+50 %, -20 % with ET-EMU100, ±40 % with ET-EMW200, ±50 % with ET-EMW300) (powered)                                                                                                                  |
| <b>Lens shift -&gt; Horizontal (from center of screen)</b>                 | ±20 % (±19 % with ET-EMW200) (powered)                                                                                                                                                                     |
| <b>Keystone correction range</b>                                           | : ±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° .                               |
| <b>Installation</b>                                                        | / , / , free 360-degree installation                                                                                                                                                                       |
| <b>Terminals -&gt; SDI IN</b>                                              | BNC x 1: 3G/HD-SDI ◆                                                                                                                                                                                       |
| <b>Terminals -&gt; HDMI™ IN</b>                                            | HDMI™ 19 x 2 (HDCP 2.3 , Deep Color, 4K/60p ◆ *4), CEC                                                                                                                                                     |
| <b>Terminals -&gt; SERIAL/MULTI-PROJECTOR SYNC IN</b>                      | D-sub 9-pin (female) x 1 for external control (RS-232C compliant)                                                                                                                                          |
| <b>Terminals -&gt; SERIAL/MULTI-PROJECTOR SYNC OUT</b>                     | D-sub 9-pin (male) x 1 for link control (RS-232C compliant)                                                                                                                                                |
| <b>Terminals -&gt; REMOTE 1 IN</b>                                         | D-sub 9-pin (female) x 1 for external control (parallel)                                                                                                                                                   |
| <b>Terminals -&gt; REMOTE 2 IN</b>                                         | M3 x 1 for wired remote control                                                                                                                                                                            |
| <b>Terminals -&gt; REMOTE 2 OUT</b>                                        | M3 x 1 for link control (for wired remote control)                                                                                                                                                         |
| <b>Terminals -&gt; DIGITAL LINK IN / LAN</b>                               | 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 2.3, Deep Color, 4K/60p signal input*5) |
| <b>Terminals -&gt; LAN</b>                                                 | RJ-45 x 1 , 10Base-T, 100Base-TX (PLink™ [Class 2], Art-Net )                                                                                                                                              |
| <b>Terminals -&gt; DC OUT</b>                                              | USB ( ◆ A) x 1 ( : 5 V / 2 A)                                                                                                                                                                              |
| <b>Terminals -&gt; USB TYPE A</b>                                          | USB ( ◆ A) x 1, AJ-WM50 , USB                                                                                                                                                                              |
| <b>Power supply</b>                                                        | AC 100–240 V, 50/60 Hz                                                                                                                                                                                     |
| <b>Maximum power consumption *13</b>                                       | 800 W (8.1–3.3 A) (810 VA)                                                                                                                                                                                 |
| <b>On-mode power consumption (Operating mode) -&gt; Normal *13 *14</b>     | [NORMAL]<br>720 W (AC 100–120 V),<br>690 W (AC 200–240 V)                                                                                                                                                  |
| <b>On-mode power consumption (Operating mode) -&gt; Quiet *13 *14</b>      | [QUIET]<br>460 W (AC 100–120 V),<br>445 W (AC 200–240 V)                                                                                                                                                   |
| <b>Cabinet materials</b>                                                   | Molded plastic                                                                                                                                                                                             |
| <b>Filter *15</b>                                                          | Included                                                                                                                                                                                                   |
| <b>Estimated filter maintenance cycle</b>                                  | 20,000 *7                                                                                                                                                                                                  |
| <b>Operation noise -&gt; Normal</b>                                        | 35 dB [NORMAL]                                                                                                                                                                                             |
| <b>Operation noise -&gt; Quiet</b>                                         | 30 dB [QUIET]                                                                                                                                                                                              |
| <b>Body Colour</b>                                                         | PT-MZ14KLBEJ-BlackPT-MZ14KLBE-BlackPT-MZ14KLBD8-BlackPT-MZ14KLWEJ-WhitePT-MZ14KLWE-White                                                                                                                   |
| <b>Dimensions (W x H x D)</b>                                              | 650 x 185 x 440 mm (25 19/32" x 7 9/32" x 17 5/16") ( , 650 x 211 x 440 mm (25 19/32" x 8 5/16" x 17 5/16") ( , )                                                                                          |
| <b>Dimensions (W x H x D) -&gt; Width (not including protruding parts)</b> | 650 mm (25 19/32")                                                                                                                                                                                         |
| <b>Dimensions -&gt; Width (including protruding parts)</b>                 | 650 mm (25 19/32")                                                                                                                                                                                         |
| <b>Dimensions -&gt; Height (not including protruding parts)</b>            | 185 mm (7 9/32")                                                                                                                                                                                           |
| <b>Dimensions -&gt; Height (including protruding parts)</b>                | 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 *16                                                    | 22.5kg(49.6 lb)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gross Weight (Kg)                                             | MZ14KLWEJ/MZ14KLBEJ: 30.1 kg (66.4 lbs)MZ14KLWE/MZ14KLBE: 28.3 kg (62.3 lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Operating environment -> Operating temperature *17 *18        | 0-45 °C (32-113 °F)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Operating Environment -> Operating humidity (No condensation) | 10-80 % (no condensation)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Applicable software                                           | Autodesk AutoCAD LT, AutoCAD, Revit, Inventor, SolidWorks, PTC Creo, Siemens NX, CATIA, Solid Edge, MicroStation, Bentley MicroStation, Geomagic Studio, SolidThinking, SolidModeler, SolidEdge, SolidWorks, PTC Pro/E, SolidWorks, PTC Pro/E, SolidWorks, PTC Pro/E, Geomery Manager Pro,                                                                                                                                                                                                                                                                                                                        |
| NFC                                                           | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| EAN                                                           | MZ14KLWEJ: 5025232934188<br>MZ14KLBEJ: 5025232934195<br>MZ14KLWE: 8887549820328<br>MZ14KLBE: 8887549820373                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Terminals -> DVI-D IN                                         | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Terminals -> DisplayPort™ IN                                  | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Operation noise -> Eco                                        | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Active 3D                                                     | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SDM                                                           | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Footnote Description                                          | 1. [OPERATING MODE]가 [NORMAL]로 설정되어 있습니다. ( : ET-EMS650)<br>2. , , ISO/IEC 21118: 2020 .<br>3. , , (American National Standards Institute) .<br>4. 50% IEC62087: 2008 , , [ , [3]<br>30°C(86°F), 700m(2,297 ft), 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<br>DIGITAL LINK , YPBPR 4:2:0<br>7. , ISO/IEC 21118: 2020 . ON 25<br>°C(77 °F), 700 m(2,297 ft)<br>8. 0.15 mg/m³<br>9.<br>10. 2,700 m(8,858 ft)<br>: 1,400 m(4,593 ft) 35 °C(95 °F)<br>1,400 m(4,593 ft) 2,700 m(8,858 ft) 30 °C(86<br>°F) AJ-WMS0 0 °C(32 °F) 40<br>°C(104 °F) |