



## PT-MZ11KL

Introducing the smallest, lightest, and quietest LCD laser projector in its class with up to 20,000 lm\*, compact 23 kg\*2 (50.7 lbs) body, and quiet 42 dB\*3 operation

### Key Features

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World's Smallest, Lightest, and Quietest 11,000 lm LCD Projector

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Long-Life Energy-Saving Design Minimizes Problems

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Delivering up to 20,000 lm on AC 100-240 V, a World First



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<https://latam.connect.panasonic.com/br/es/productos/proyectores/pt-mz11kl>

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| <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>  | 11,000 lm   |
| <b>Light output (ANSI) *3</b>  | 11,000 lm   |
| <b>Time until light output declines to 50 %</b>                            | 20,000 hours [NORMAL]   |
| -> NORMAL *4   |   |
| <b>Time until light output declines to 50 %</b>                            | 20,000 hours [QUIET]  |
| -> QUIET *4  |   |
| <b>Resolution</b>  | WUXGA (1920 x 1200 pixels)  |
| <b>Contrast Ratio (typ.) *2</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 *2</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>   | Vertical: ±45 ° (±5 ° with ET-EMU100, ±14 ° with ET-EMW200/ET-EMW300, ±22 ° with ET-EMW400/ET-EMW500),<br>Horizontal: ±40 ° (±0 ° with ET-EMU100, ±8 ° with ET-EMW200/ET-EMW300, ±15 ° with ET-EMW400/ET-EMW500).<br>When [VERTICAL KEYSTONE] and [HORIZONTAL KEYSTONE] are used simultaneously, correction cannot be made exceeding a total of 55 °. |
| <b>Installation</b>  | Ceiling/floor, front/rear, free 360-degree installation   |
| <b>Terminals -&gt; SDI IN</b>  | BNC x 1: 3G/HD-SDI input  |
| <b>Terminals -&gt; HDMI™ IN</b>  | HDMI™ 19-pin x 2 (Compatible with HDCP 2.3, Deep Color, 4K/60p signal input*4), CEC supported   |
| <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) (HDBase™ compliant), 100Base-TX (Compatible with PjLink™ [Class 2], Art-Net, HDCP 2.3, Deep Color, 4K/60p signal input*5)  |
| <b>Terminals -&gt; LAN</b>   | RJ-45 x 1 for network connection, 10Base-T, 100Base-TX (Compatible with PjLink™ [Class 2], Art-Net)   |
| <b>Terminals -&gt; DC OUT</b>  | USB connector (Type A) x 1 for power supply (Output: 5 V / 2 A)   |
| <b>Terminals -&gt; USB TYPE A</b>  | USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module, for USB memory  |
| <b>Power supply</b>  | AC 100–240 V, 50/60 Hz  |
| <b>Maximum power consumption *7</b>  | 615 W ( 6.3–2.7 A ) ( 630 VA )  |
| <b>On-mode power consumption (Operating mode) -&gt; Normal *7</b>          | [NORMAL]<br>540 W (AC 100–120 V),<br>520 W (AC 200–240 V)   |
| <b>On-mode power consumption (Operating mode) -&gt; Quiet *7</b>           | [QUIET]<br>360 W (AC 100–120 V),<br>340 W (AC 200–240 V)  |
| <b>Cabinet materials</b>   | Molded plastic  |
| <b>Filter</b>  | Included  |
| <b>Estimated filter maintenance cycle</b>                                  | approx. 20,000 hours*7  |
| <b>Operation noise -&gt; Normal *2</b>                                     | 35 dB [NORMAL]  |
| <b>Operation noise -&gt; Quiet *2</b>                                      | 30 dB [QUIET]   |
| <b>Dimensions (W x H x D)</b>  | 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)   |
| <b>Dimensions (W x H x D) -&gt; Width (not including protruding parts)</b> | Approx. 650 mm (25 19/32")  |
| <b>Dimensions -&gt; Width (including protruding parts)</b>                 | Approx. 650 mm (25 19/32")  |
| <b>Dimensions -&gt; Height (not including protruding parts)</b>            | Approx. 185 mm (7 9/32")  |

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| <b>Dimensions -&gt; Height (including protruding parts)</b>             | Approx. 211 mm (8 5/16")  |
| <b>Dimensions -&gt; Depth (not including protruding parts)</b>          | Approx. 440 mm (17 5/16")   |
| <b>Dimensions -&gt; Depth (including lens)</b>                          | Approx. 440 mm (17 5/16")   |
| <b>Weight *9</b>  | Approx. 22.5 kg (49.6 lbs)  |
| <b>Operating environment -&gt; Operating temperature *10</b>            | 0-45 °C (32-113 °F)   |
| <b>Operating Environment -&gt; Operating humidity (No condensation)</b> | 10-80 % (no condensation)   |
| <b>Applicable software</b>  | Logo Transfer Software, Multi Monitoring & Control Software, Early Warning Software, Geometry Manager Pro, Projector Network Setup Software, Smart Projector Control for iOS/Android™   |
| <b>Body Colour</b>  | PT-MZ111KLBEJ-BlackPT-MZ111KLBE-BlackPT-MZ111KLBD8-BlackPT-MZ111KLWEJ-WhitePT-MZ111KLWE-White   |
| <b>Gross Dimensions (W x H x D in mm)</b>                               | MZ111KLWEJ/MZ111KLBEJ: Approx. 860 x 354 x 588 mmMZ111KLWE/MZ111KLBE: Approx. 848 x 334 x 576 mm  |
| <b>Gross Weight (Kg)</b>  | MZ111KLWEJ/MZ111KLBEJ: 30.1 kg (66.4 lbs)MZ111KLWE/MZ111KLBE: 28.3 kg (62.3 lbs)  |
| <b>NFC</b>  | Yes   |
| <b>EAN</b>  | MZ111KLWEJ: 5025232934218<br>MZ111KLBEJ: 5025232934201<br>MZ111KLWE: 8887549820403<br>MZ111KLBE: 8887549820380  |
| <b>Terminals -&gt; DVI-D IN</b>   | —   |
| <b>Terminals -&gt; DisplayPort™ IN</b>                                  | —   |
| <b>Operation noise -&gt; Eco</b>  | —   |
| <b>Active 3D</b>  | No  |
| <b>SDM</b>  | No  |
| <b>Footnote Description</b>   | <ol style="list-style-type: none"> <li>1. 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.</li> <li>2. 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.</li> <li>3. Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped.</li> <li>4. 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.</li> <li>5. ET-EMT800 is compatible with PT-MZ17KL/MZ14KL/MZ11KL only. It cannot be used with PT-MZ20KL.</li> <li>6. 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.</li> <li>7. 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).</li> <li>8. 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.</li> <li>9. Average value. May differ depending on the actual unit.</li> <li>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 the optional AJ-WM50 Series Wireless Module is attached.</li> </ol> |