

# Panasonic



4,000    SOLID SHINE    , WUXGA

## PT-LMZ460

4,000    WUXGA

Key Features

---

---

---

SOLID SHINE.



## PT-LMZ460

<https://ap.pnd.panasonic.com/sg/ko/products/projectors/pt-lmz460>

|  |   |
|--|---|
| <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>   | 16.3 mm (0.64 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 diodes  |
| <b>Light output *1 *2 *3</b>   | 4,600 lm  |
| <b>Light output (ANSI) *1 *2 *4</b>  | 4,600 lm  |
| <b>Time until light output declines to 50 % *20,000 [NORMAL]</b><br>-> NORMAL *6     |   |
| <b>Time until light output declines to 50 % *24,000 [ECO]</b><br>-> ECO *6           |   |
| <b>Time until light output declines to 50 % *20,000 hours [QUIET]</b><br>-> QUIET *5 |   |
| <b>Resolution</b>  | WUXGA (1920 x 1200 pixels)  |
| <b>Contrast Ratio (typ.) *3</b>  | 3,000,000:1 (Full On/Full Off)(When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1].) |
| <b>Screen size (diagonal)</b>  | 0.76–7.62 m (30–300 in), 16:10 aspect ratio   |
| <b>Center-to-corner zone ratio *3</b>  | 85%   |
| <b>Lens</b>  | 1.2 ( : 1.36–1.64:1), , F 1.61–1.76, f 19.1–23.0 mm   |
| <b>Digital Zoom Extender *7</b>  | : 1.36–2.05:1 *5 ( . . )  |
| <b>Keystone correction range</b>   | : ±25° ( , , )<br>: ±35° ( )  |
| <b>Installation</b>  | / , / , 360   |
| <b>Terminals -&gt; HDMI™ IN</b>  | HDMI™ 19 x 2 (HDCP 1.4 , Deep Color, 4K/30p*6 ◊ ), CEC *7   |
| <b>Terminals -&gt; COMPUTER IN ( D-SUB 15pin )</b>                                   | D- 15 (female) x 1 (RGB/YP <sub>Bp</sub> /YC <sub>B</sub> C <sub>R</sub> )                                    |
| <b>Terminals -&gt; COMPUTER OUT ( D-SUB 15pin )</b>                                  | D- 15 (female) x 1 (RGB/YP <sub>Bp</sub> /YC <sub>B</sub> C <sub>R</sub> )                                    |
| <b>Terminals -&gt; AUDIO IN(M3 Stereo Mini Jack)</b>                                 | M3 stereo mini-jack x 2   |
| <b>Terminals -&gt; AUDIO OUT(M3 Stereo Mini Jack)</b>                                | M3 stereo mini-jack x 1   |
| <b>Terminals -&gt; SERIAL IN</b>   | D-sub 9-pin (female) x 1 for computer control (RS-232C compliant)   |
| <b>Terminals -&gt; LAN</b>   | RJ-45 x 1, 10Base-T, 100Base-TX   |
| <b>Terminals -&gt; USB TYPE A</b>  | USB ( ◊ A) x 1, AJ-WM50 , (DC 5 V, 2 A*8)   |
| <b>Protocol versions</b>   | IPv4, IPv6*9  |
| <b>Power supply</b>  | AC 100 V–240 V, 50/60 Hz  |
| <b>Maximum power consumption *9</b>  | 240W  |
| <b>On-mode power consumption(Operating mode) -&gt; Normal *9 *9 *10</b>              | [NORMAL]<br>215 W (100–240 V),<br>205 W (200–240 V)   |
| <b>On-mode power consumption(Operating mode) -&gt; Eco *9 *9 *10</b>                 | [ECO]<br>165 W (100–240 V),<br>160W (200–240 V)   |
| <b>On-mode power consumption(Operating mode) -&gt; Quiet *13 *14</b>                 | [QUIET]<br>160W (100–240 V),<br>155 W (200–240 V)   |
| <b>Built-in speaker</b>  | 10 W monaural   |
| <b>Cabinet materials</b>   | Molded plastic  |
| <b>Filter</b>  | Included  |
| <b>Estimated filter maintenance cycle</b>  | 20,000  |
| <b>Operation noise -&gt; Normal *3</b>   | 35 dB [NORMAL]  |
| <b>Operation noise -&gt; Eco *3</b>  | 35 dB [ECO]   |
| <b>Operation noise -&gt; Quiet</b>   | 24 dB [QUIET]   |
| <b>Body Colour</b>   | White   |
| <b>Dimensions (W x H x D)</b>  | 349 mm x 105 mm x 309 mm (13 3/4" x 4 1/8" x 12 5/32") ( 가 )  |
| <b>Dimensions -&gt; Width (including protruding parts)</b>                           | 349 mm (13 3/4")  |
| <b>Dimensions -&gt; Height (including protruding parts)</b>                          | 105 mm (4 1/8")   |
| <b>Dimensions -&gt; Depth (including lens)</b>                                       | 309 mm (12 5/32")   |
| <b>Gross Dimensions (W x H x D in mm)</b>  | LMZ460EJ: 507 x 402 x 222 mm<br>LMZ460: 497 x 392 x 210 mm  |
| <b>Weight *11</b>  | 4.2kg(9.26 lbs)   |
| <b>Gross Weight (Kg)</b>   | LMZ460EJ: 7.4 kg(16.3 lbs)<br>LMZ460: 6.6 kg(14.6 lbs)  |

|   |  |
|---|--|
| <b>Operating environment -&gt; Operating temperature</b> *12            | 0-45 °C (32-113 °F)  |
| <b>Operating Environment -&gt; Operating humidity (No condensation)</b> | 20-80 % (no condensation)  |
| <b>Applicable software</b>  | Presenter Light Software(Windows®)*14, Wireless Projector App(iOS/Android™)*15   |
| <b>NFC</b>  | No   |
| <b>Control function via LAN</b>   | PJLink™ [Class 2], Crestron Connected™, AMX Device Discovery   |
| <b>EAN</b>  | LMZ460: 5025232931521<br>LMZ460EJ: 5025232931538   |
| <b>Lens shift -&gt; Vertical(from center of screen)</b>                 | —  |
| <b>Lens shift -&gt; Horizontal(from center of screen)</b>               | —  |
| <b>Terminals -&gt; SDI IN</b>   | —  |
| <b>Terminals -&gt; DVI-D IN</b>   | —  |
| <b>Terminals -&gt; DisplayPort™ IN</b>                                  | —  |
| <b>Terminals -&gt; DIGITAL LINK IN / LAN</b>                            | —  |
| <b>Active 3D</b>  | No   |
| <b>SDM</b>  | No   |
| <b>Footnote Description</b>   | <p>1. [PICTURE MODE]가 [DYNAMIC], [LIGHT POWER] [NORMAL], [Daylight View] [OFF], [AUTO POWER SAVE] [OFF]</p> <p>2. ISO/IEC 21118: 2020</p> <p>3. (American National Standards Institute)</p> <p>4. 50% ([PICTURE MODE]: [DYNAMIC], [DYNAMIC CONTRAST] [2], 30 °C(86 °F), 700 m (2,297 ft), 0.15 mg/m3). 50 %</p> <p>5. V/H</p> <p>6. Digital Zoom Extender 80 %</p> <p>7. 4K</p> <p>8. CEC</p> <p>9. Quick Startup ON Power Management Ready</p> <p>10. Ver .2.00 AJ-WM50 IPv6</p> <p>11. ISO/IEC 21118: 2020 .ON 25 °C(77 °F), 700 m(2,297 ft)</p> <p>12. :20,000 ( 0.08 mg/m3), 10,000 ( 0.15 mg/m3 ).</p> <p>13.</p> <p>14. 30 °C(86 °F) , 2,700 m(8,858 ft) AJ-WM50 0-40 °C(32-104 °F)가</p> <p>15. Presenter Light Software 1280 × 800 1024 × 768 가 , PC</p> <p>16. iOS/Android™ WXGA(1280 x 800)</p> |