SOLID SHINE LCD Boosts Image Brightness While Reducing Your Workload, Delivering an Effortless Learning Experience

**PT-MZ16K Series LCD Projectors**

AVAILABLE FROM NOVEMBER 2019

*Solid Shine LCD* boosts image brightness while reducing your workload, delivering an effortless learning experience.

**Light Output**

- **PT-MZ16KL**: 16,000 lm
- **PT-MZ13KL**: 13,000 lm
- **PT-MZ10KL**: 10,000 lm

**Resolution**

- WUXGA

**Pure Color, High Brightness, and Long-Life Operation**

At up to 16,000 lm*, color erupts in WUXGA. Radiant pictures are achieved with new 15.4 mm (1") LCD panels, Triple Laser Engine, 4K/60p signal input*, and refined cooling system.

**Unbeatable Reliability in the Real-World Conditions**

To quickly fix problems while maintaining image display, the projectors feature Panasonic's new Triple Laser Engine with failover circuity, a secondary backup signal input, and Information Monitor to show error information.

**Compact, Flexible, and Ready for a Stress-free Install**

Easy-to-handle compact body weighs under 22.3 kg* (49.2 lbs.), runs at just 38 dB*4, and suits seven optional zoom lenses for flexible installation. Setup is expedited with Geo Pro software*5.

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*1 Brightness for PT-MZ16KL only. 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 4K signal input is converted to the projector’s resolution (1920 x 1200). Applicable terminals: DIGITAL LINK terminal/HDMI terminal. *3 With standard ET-EMS600 lens included. *4 NORMAL Mode. Noise levels in ECO/quiet Modes are 38. *5 For more information about activation of optional upgrade kits, please visit the Panasonic website (https://panasonic.net/cns/projector/).
Specifications (Tentative)

<table>
<thead>
<tr>
<th>Model</th>
<th>PT-MZ16KLU</th>
<th>PT-MZ13KLU</th>
<th>PT-MZ10KLU</th>
</tr>
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<tr>
<td>Projector type</td>
<td>LCD projectors</td>
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</tr>
<tr>
<td>LCD panel</td>
<td>35.4 mm (1.4 in) diagonal (16:10 aspect ratio)</td>
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<tr>
<td>Display method</td>
<td>Transparent LCD panel (x 3, R/G/B)</td>
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<tr>
<td>Pixels</td>
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<tr>
<td>Light source</td>
<td>Laser diodes</td>
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</tr>
<tr>
<td>Light output*</td>
<td>16,000 lm</td>
<td>13,000 lm</td>
<td>10,000 lm</td>
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<tr>
<td>Time until light output declines to 50 %*²</td>
<td>30,000 hours (NORMAL)/24,000 hours @ECO</td>
<td>20,000 hours (NORMAL)/16,000 hours @ECO</td>
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<tr>
<td>Resolution</td>
<td>1920 x 1200 pixels</td>
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<tr>
<td>Contrast ratio*</td>
<td>3,500,000:1 (Full On/Full Off)</td>
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<tr>
<td>Screen size (diagonal)</td>
<td>1.78–2.94 m (7–10.4 ft), 16:10 aspect ratio</td>
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<tr>
<td>Center-to-corner zone ratio*²</td>
<td>90 %</td>
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<tr>
<td>Lens</td>
<td>Optional powered zoom lenses</td>
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<td>Lens shift</td>
<td>Vertical: ±10°, Horizontal: ±10°</td>
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<tr>
<td>Keystone correction range</td>
<td>Vertical: ±40°, Horizontal: ±40°</td>
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<tr>
<td>Keystone correction range with optional ET-UK20 Upgrade Kit</td>
<td>Vertical: ±40°, Horizontal: ±40°</td>
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</tr>
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</table>

Installation

- Ceiling/floor, front/rear, free 360-degree installation
- Keystone correction range: Vertical: ±40°, Horizontal: ±40°

Optional Accessories

- Zoom Lens
  - ET-EMM200 (0.48–0.55) / ET-EMM300 (0.55–0.69) / ET-EMM400 (0.69–0.95) / ET-EMM500 (0.95–1.35) / ET-EMM600 (1.35–2.11) / ET-EMT700 (2.11–4.14) / ET-EMT800 (4.14–7.44)
  - ET-EMW200 (0.48–0.55) / ET-EMW300 (0.55–0.69) / ET-EMW400 (0.69–0.95)
- Ceiling Mount Bracket
  - ET-PKD120H (for high ceilings) / ET-PKD120S (for low ceilings) / ET-PKD130H (TBD)
- Replacement Filter
  - ET-RF100
- Attachment for Ceiling Mount Bracket
  - ET-PKD301B
- DIGITAL LINK Switcher
  - ET-YFB200G
- Digital Interface Box
  - ET-YFB100G
- Geometry Manager Pro Software Upgrade Kit
  - ET-KG2K
- Auto Screen Adjustment Upgrade Kit
  - ET-CUK10/ET-CUK10P
- Early Warning Software
  - ET-OWA100 Series
  - Note: Part number suffix may differ depending on the license type.
  - * Multi Monitoring & Control Software Ver. 2.0 or later is required. Please download from the following website: https://panasonic.net/cns/projector/download/application/

Specifications (Tentative)

- Power supply
  - AC 100–240 V, 50/60 Hz
- Power consumption
  - TBD
- Cabinet materials
  - Blister plastic
- Filter
  - Included (Estimated maintenance time: approx. 20,000 hours)
- Operation noise*³
  - 38 dB/TBD (NORMAL/ECO/QUIET) / TBD
- Dimensions (W × H × D)
  - 650 x 185*³ x 440 mm (25 19/32˝ x 7 9/32˝*³ x 17 5/16˝ ) (Without lens) (Not including protruding parts)
- Weight
  - Approx. 22.3 kg (49.2 lbs) (TBD)
- Operating environment
  - Operating temperature: 0–45 °C (32–113 °F); Operating humidity: 10–80 % (no condensation)
- Screen size [diagonal]
  - 1.78–25.4 m (70–1,000 in), 16:10 aspect ratio
- Time until light output declines to 50 %*²
  - 20,000 hours (NORMAL)/24,000 hours @ECO
- Resolution
  - 1920 x 1200 pixels
- Light output*¹
  - 13,000 lm
- Light output*¹
  - 10,000 lm
- Operation noise*³
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  - 90 %
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  - Optional powered zoom lenses
- Lens shift
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- Keystone correction range
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Projector Global Website – panasonic.net/cns/projector
Facebook – www.facebook.com/panasonicprojectoranddisplay
YouTube – www.youtube.com/user/PanasonicProjector

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All information included here is valid as of June 2019.