Main Features

01 | Clear, Long-Lasting Viewing for Efficiency and Comfort

Harnessing a Multi-Laser Drive Engine, 1-inch LCDs, and Pure White Generator, viewers can enjoy vivid images at up to 16,000 lm*1.

02 | High Reliability for Fewer Callouts

Our first LCD projectors featuring liquid-cooled lasers, discrete sealed phosphor-wheel cooling, and backup-input switching maintain reliable projection in tough conditions.

03 | Simplified Installation Streamlines Your Workflow

LCD projectors are first with updated Smart Projector Control Ver. 2.0** app and Geo Pro software. 4K/60p signal input*3 and new lenses seamlessly integrate projectors into any space and A/V infrastructure.

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*1 Brightness is for PT-MZ16KL. 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 For information on Smart Projector Control app for iOS and Android™, please see our website at www.panasonic.net/cns/projector/products/smartpjcontrol/ *3 4K signals are converted to the projector's resolution (1920 x 1200 pixels) upon projection. Supported terminals comprise DIGITAL LINK/HDMI™.
Pure White Generator for High Brightness and Color

Pure White Generator arrests brightness loss with a patented multi-reflection engine that more efficiently gathers blue laser light. This helps to enhance color accuracy for natural, true-to-life color expression.

Liquid-Cooled Multi-Laser Drive Engine with Failover

Multi-Laser Drive Engine is backed by new liquid-cooling and laser failover circuitry. If a laser diode fails, only the affected series is bypassed and not the entire module.

Reliable Phosphor-Wheel Design

The PT-MZ16K Series has dedicated Panasonic-original sealed cooling for the heat-resistant phosphor wheel. The assembly is extensively shielded to protect against dust intrusion for long-life brightness.

Supports Geo Pro Software

Introducing the first LCD projectors to support Geometry Manager Pro. The software expands on the projector's built-in adjustments with Free Grid geometry functions. Optional upgrade kits add creative masking (ET-UK20) and Auto Screen Adjustment for multiple curved or planar screens via a compatible camera (ET-CUK10).

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>PT-MZ16K</th>
<th>PT-MZ13K</th>
<th>PT-MZ10K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Projector type</td>
<td>LCD projectors</td>
<td>LCD projectors</td>
<td>LCD projectors</td>
</tr>
<tr>
<td>LCD panel</td>
<td>38.4 mm 0.08 diagonal (16:10 aspect ratio)</td>
<td>38.4 mm 0.08 diagonal (16:10 aspect ratio)</td>
<td>38.4 mm 0.08 diagonal (16:10 aspect ratio)</td>
</tr>
<tr>
<td>Resolution</td>
<td>2,304,000 (1920 x 1200) pixels x 3</td>
<td>2,304,000 (1920 x 1200) pixels x 3</td>
<td>2,304,000 (1920 x 1200) pixels x 3</td>
</tr>
<tr>
<td>Light source</td>
<td>Laser diodes</td>
<td>Laser diodes</td>
<td>Laser diodes</td>
</tr>
<tr>
<td>Light output</td>
<td>10,000 lm</td>
<td>10,000 lm</td>
<td>10,000 lm</td>
</tr>
<tr>
<td>Contrast ratio</td>
<td>3,000:1 (Full On/Full Off), 4,000:1 (Dynamic Contrast)</td>
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<td>3,000:1 (Full On/Full Off), 4,000:1 (Dynamic Contrast)</td>
</tr>
<tr>
<td>Screen size (diagonal)</td>
<td>2.0–12.7 m (6.6–41.6 ft)</td>
<td>2.0–12.7 m (6.6–41.6 ft)</td>
<td>2.0–12.7 m (6.6–41.6 ft)</td>
</tr>
<tr>
<td>Center-to-corner zone ratio</td>
<td>85 %</td>
<td>85 %</td>
<td>85 %</td>
</tr>
</tbody>
</table>

Other Features

- **Smart Projector Control Ver. 2.0** features NFC function* and projector auto-focus via smartphone camera
- **Information Monitor screen displays operational data**
- **Flexible backup input-switching function for any two inputs**
- **Optional lenses eliminate throw-ratio gaps**
- **Lenses feature sensor-based AFO smart auto-focus**
- **Separate DIGITAL LINK and LAN terminals**
- **3,000,000:1 Dynamic Contrast**
- **Daylight View 3 and Detail Clarity Processor 4**

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Optional Accessories

- **Zoom Lens**
  - ET-EMV300 (0.480–0.550:1) (Available from April 2020) / ET-EMV390 (0.550–0.690:1) (Available from January 2020) / ET-EMV460 (0.690–0.950:1) / ET-EMV500 (0.950–1.36:1) (Available from January 2020) / ET-EMS600 (3.52–10.1:1) / ET-EMT710 (2.1:4–4.1:4) (Available from December 2019) / ET-EMT810 (4.4:1–7.4:1) (Available from January 2020)
- **Ceiling Mount Bracket**
  - ET-PKD120H (for high ceilings) / ET-PKD125H (for low ceilings) / ET-PKD130H (with 6-axis adjustment mechanism)
- **Attachment for Ceiling Mount Bracket**
  - ET-PKD130H

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For more information about Panasonic projectors, please visit:
Projector Global Website – panasonic.net/cns/projector
Facebook – www.facebook.com/panasonicprojectoranddisplay
YouTube – www.youtube.com/user/PanasonicProjector

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