Bright SOLID SHINE Laser LCD Projectors
Blend High Performance and Low Running Costs for
Best Value in Mid-sized Venues

Outstanding Brightness and Picture Quality
- SOLID SHINE Laser technology with 3LCD optical engine serves bright, vivid, and detailed pictures
- Up to 7,500 lm brightness delivered from compact and lightweight body
- 3,000,000:1*1 dynamic contrast via digitally modulated laser light source improves text legibility and assists with crisp and accurate pictures
- Available in WUXGA*2 for detailed Full HD video reproduction and high-resolution images, text, and graphics
- Detail Clarity Processor 4 enhances image clarity and sharpness
- Daylight View Basic optimizes pictures for best visibility in bright environments
- DICOM Simulation Mode*3 for medical presentations
- Color Adjustment Function corrects color variations in multi-projector applications

High Efficiency and Low Maintenance
- Laser light source returns 20,000 hours*4 of continuous operation (no exchange required)
- Inorganic LCD panels and inorganic polarizing plates maintain high image quality for extended periods
- Extended 20,000-hour*5 maintenance-free period for reusable Eco Filter*6
- One-way airflow design improves efficacy of lens-assembly sealing to maintain high brightness and picture quality
- Dust-resistant cabinet design improves filter-module and air-intake-duct sealing
- ECO Management System effectively reduces power consumption

Easy Setup and Operation
- DIGITAL LINK/HDMI® support transmission of uncompressed 4K signal (PT-MZ770/L only)
- Powered lens shift, zoom, and focus via remote control
- Supports wireless projection with optional module (ET-WM300)
- Corner Keystone & Curved Screen Correction
- Network function via LAN for stress-free remote operation
- Supports free Multi Monitoring & Control Software
- Incorporates LinkRay™ Light ID Transmission function delivering information to smartphones*7, ideal for signage and exhibition/display applications

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*1 With Dynamic Contrast 1/2, Image Mode set to Dynamic. *2 PT-MZ770L has WUXGA and PT-MW730L WXGA resolution. *3 This product is not a medical instrument. Do not use for actual medical diagnosis. *4 Around this time, original light source brightness will have decreased by approximately 50 %. With IEC62087: 2008 Broadcast content, Dynamic Contrast [2], in environments with 0.15 mg/m 3 of particulate matter. Estimated maintenance time varies depending on environment. *5 In environments with 0.15 mg/m 3 of particulate matter. Estimated maintenance time varies depending on environment. *6 Eco Filter is designed to be washed and reused twice. If filter is not sufficiently clean after washing with water, replacement is advised. *7 Requires purchase and activation of a LinkRay™ service contract.

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PT-MZ770 Series
<table>
<thead>
<tr>
<th>Brightness</th>
<th>PT-MZ770/L</th>
<th>PT-MW730/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resolution</td>
<td>WUXGA</td>
<td>WXGA</td>
</tr>
<tr>
<td>Contrast</td>
<td>3,000,000:1*1</td>
<td></td>
</tr>
</tbody>
</table>

Note: PT-MZ770/L and PT-MW730/L offer the same performance as PT-MZ770 and PT-MW730 respectively, but come without a lens.
## Specifications (Tentative)

<table>
<thead>
<tr>
<th>Model</th>
<th>PT-MZ770/L</th>
<th>PT-MW730/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>LCD panel</td>
<td>19.3 mm (0.76&quot;) diagonal (16:10 aspect ratio)</td>
<td>19.3 mm (0.76&quot;) diagonal (16:10 aspect ratio)</td>
</tr>
<tr>
<td>Display method</td>
<td>Transparent LCD panel (x 3, R/G/B)</td>
<td>Transparent LCD panel (x 3, R/G/B)</td>
</tr>
<tr>
<td>Drive method</td>
<td>Active matrix</td>
<td>Active matrix</td>
</tr>
<tr>
<td>Pixels</td>
<td>2,304,000 (1920 x 1200) x 3, total of 6,912,000 pixels</td>
<td>1,024,000 (1280 x 800) x 3, total of 3,072,000 pixels</td>
</tr>
<tr>
<td>Lens</td>
<td>PT-MZ770/L/MW730: Zoomed zoom (three ratio 1.6–2.8:1, F = 1–7.3–2.1 = 26.8–45.5 mm)</td>
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</tr>
<tr>
<td>Light source</td>
<td>Laser diode (Class 1) (Class 3R for US models)</td>
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</tr>
<tr>
<td>Screen size (diagonal)</td>
<td>1.62–10.16 m (40–400 in), 16:10 aspect ratio</td>
<td>1.52–10.16 m (40–400 in), 16:10 aspect ratio</td>
</tr>
<tr>
<td>Brightness*3</td>
<td>7,500 lm</td>
<td>7,500 lm</td>
</tr>
<tr>
<td>Contrast</td>
<td>3,000:1 (Dynamic Mode/Dynamic Contrast 1/2)</td>
<td>3,000:1 (Dynamic Mode/Dynamic Contrast 1/2)</td>
</tr>
<tr>
<td>Resolution</td>
<td>1920 x 1200 pixels</td>
<td>1280 x 800 pixels</td>
</tr>
<tr>
<td>Optical axis shift</td>
<td>Vertical (from center of screen): ±67% (powered) (for supplied lens [ELS20]/ELW20/ELT20/ELT21, ELW22; max. ±60%, ELW21; cannot use optical axis shift function)</td>
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</tr>
<tr>
<td>Keystone correction range**</td>
<td>Vertical: ±95°, Horizontal: ±30°</td>
<td>Vertical: ±95°, Horizontal: ±30°</td>
</tr>
</tbody>
</table>

### Installation

- Horizontal/Vertical, free 360-degree installation
- HDMI IN: HDMI 19-pin x 2 (Deep Color, compatible with HDCP), audio signal: Linear PCM (Sampling frequency: 48 kHz/44.1 kHz/32 kHz)
- RGB 1 IN: BNC x 5 (RGB or YPbPr/YCbCr x 1)
- RGB 2 IN: D-sub HD 15-pin (female) x 1 (compatible with component input)
- VIDEO IN: Pin jack x 1 (composite video)
- MONITOR OUT: D-sub HD 15-pin (female) x 1 (RGB x 1) (compatible with RGB or YPbPr/YCbCr)
- AUDIO IN: Pin jack x 2 (L–R), M3 stereo mini jack x 2
- AUDIO OUT: M3 stereo mini-jack x 1 for output
- SERIAL IN: D-sub 9-pin x 1 for external control (RS-232C compliant)
- REMOTE 1 IN: D-sub 9-pin (female) x 1 for external control (parallel)
- REMOTE 2 IN: M3 x 1 for wired remote control
- LAN: RJ-45 x 1 for network connection, 10Base-T, 100Base-TX, compatible with PJLink™ (Class 2)
- DIGITAL LINK: RJ-45 x 1 for network and DIGITAL LINK connection, 100Base-TX, compatible with PJLink™ (Class 2), HDCP, Deep Color
- Memory Viewer/Pairing: USB (Type A) x 1
- DC OUT: USB (Type A) x 1, DC 5 V/2 A**

### Power supply

- 100–240 V AC, 50/60 Hz

### Dimensions (W x H x D)

- PT-MZ770/L/MW730: Optional powered zoom/focus lenses
- PT-MZ770/L/MW730: 560 x 205* 5 x 428 mm (22 1/16˝ x 8 1/16˝*5 x 16 27/32˝) (without lens)
- PT-MZ770/L/MW730: 560 x 205* 5 x 443 mm (22 1/16˝ x 8 1/16˝*5 x 17 7/16˝) (with supplied lens)

### Weight

- PT-MZ770/L/MW730: 16.3 kg (35.7 lbs) (without lens)
- PT-MZ770/L/MW730: 16.3 kg (35.7 lbs) (without lens)

### Brightness

- PT-MZ770/L/MW730: 7,500 lm
- PT-MZ770/L/MW730: 7,500 lm

### Power Consumption

- 10 W (monaural)

### Resolution

- 2,304,000 (1920 x 1200) x 3, total of 6,912,000 pixels

### Contrast

- 3,000:1 (Dynamic Mode/Dynamic Contrast 1/2)

### Center-to-corner uniformity**

- 90 %

### Optional Accessories

- Zoom Lens
- Fixed Lens
- Ceiling Mount Bracket
- Wall Mount Bracket
- Bracket Assembly
- Replacement Filter Unit
- Wireless Module
- Easy Wireless Stick
- DIGITAL LINK Switcher
- DIGITAL Interface Box
- Early Warning Software

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**Note:** PT-MZ770L and PT-MW730L deliver the same performance as PT-MZ770 and PT-MW730 but respectively come without a lens.

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**Weights and dimensions shown are approximate. Specifications and appearance are subject to change without notice.**

**Product availability differs depending on region and country. This product may be subject to export control regulations.**

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**As of February 2018**

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**For more information about Panasonic projectors, please visit:**

- Projector Global Website – [panasonic.net/cns/projector](http://panasonic.net/cns/projector)
- Facebook – [www.facebook.com/panasonicprojector](http://www.facebook.com/panasonicprojector)
- YouTube – [www.youtube.com/user/PanasonicProjector](http://www.youtube.com/user/PanasonicProjector)

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**PRELIMINARY**

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**PT-MZ770PRE1 Printed in Japan.**