Your Key to Success

For high-impact presentations in bright conditions, you can’t go past the PT-EZ770 Series for the ultimate in automated projection flexibility.

PT-EZ770Z/ZL  6,500 lm  5,000 : 1  WUXGA
PT-EW730Z/ZL  7,000 lm  5,000 : 1  WXGA
PT-EX800Z/ZL  7,500 lm  5,000 : 1  XGA
The PT-EZ770 Series serves up brilliantly clear images in bright rooms with up to WUXGA (1920 x 1200) resolution. Installed singly or as part of a collaborative network in business meeting rooms, lecture halls, classrooms, or larger venues, you’ll find setup and operation to be extremely easy with fewer cables and greater levels of automation. And with extended maintenance periods and improved power efficiency, class-leading projection is well within your budget.

You need a Panasonic.
Brilliant Imaging Performance

High Brightness and Contrast
Despite its sleek and compact dimensions, the PT-EZ770 Series delivers class-leading brightness of up to 7,500 lm with a contrast ratio of 5,000:1. The iris automatically adjusts to suit ambient lighting conditions.

WUXGA Resolution for Lustrous Full HD Images
With native WUXGA 1920 x 1200-pixel widescreen resolution, the PT-EZ770Z/2ZL is capable of displaying Full HD video from Blu-ray Disc and other sources in beautifully rich, vivid detail.

Color Adjustment Function
A color adjustment function allows you to easily correct for slight variations in the color reproduction range of individual units set up for multiple projection, particularly in side-by-side configuration. Correletion is performed on 3 colors or 7 colors.

DICOM-Compliant for Medical Presentations and Training
The PT-EZ770 Series is compatible with DICOM standards for presentations relating to medicine. DICOM Simulation Mode reproduces complex images, such as x-rays, with exceptionally high levels of detail and contrast.

Brilliant Images in Brightly Lit Rooms
Panasonic’s Daylight View Basic technology resolves hidden details in dark images that are normally difficult to see in bright conditions. Using an ambient light sensor, Daylight View Basic adjusts halftone color and brightness to suit the room. Resulting images are clear, bright, and easy to see.

Flexible Installation and System Integration

Powered Lens Shift, Zoom, and Focus
Unlike other projectors in its class, the PT-EZ770 Series has powered vertical and horizontal lens shift, zoom, and focus capabilities, allowing you full control of picture adjustment via remote control.

Integrated DIGITAL LINK and DisplayPort Connections
DIGITAL LINK bundles uncompressed Full HD video, analog A/V, and Ethernet/RS-232C control commands through a single cable for distances of up to 100 m (328 ft). As well as cutting costs, DIGITAL LINK is easier to install. DisplayPort, meanwhile, enables a single high-bandwidth connection to the latest PCs while our optional Digital Interface Box connects multiple source devices to the projector, routing signals via a single CAT5e cable for fast input switching via remote control.

Crestron Connected™ and PJLink™ Integration
Models in the PT-EZ770 Series seamlessly integrate into an existing projection system controlled by Crestron Connected™ software. The PJLink™ Class 1 and AMX system control standards are also supported.

Exceptionally Easy to Use
• Offers a wider range of easy-change lenses to suit every space
• Mechanical lens shutter prevents light leakage when on standby

Lower Maintenance and Running Costs

Dust-Resistant Cabinet and Long-Life Eco Filter
The PT-EZ770 Series offers excellent resistance to dust, extending maintenance to 15,000 hours for the Eco Filter (which may washed and reused). The cabinet incorporates a straight airflow path, extensive optical shielding, and improved sealing for the Eco Filter and electrostatic Micro Cut Filter to keep the projector running clean and bright.

Lamp Replacement Cycle of up to 4,500 Hours
Users need not pay for higher brightness and imaging quality with increased running costs. The PT-EZ770 Series has a recommended lamp replacement cycle of up to 4,500 hours, delivering considerable savings over the life of the product.

For more information, please visit the Projector Global Web Site at https://panasonic.net/cns/projector/
### Optional accessories

**Zoom lens**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET-EL20W</td>
<td>Standard lens</td>
</tr>
<tr>
<td>ET-EL20B</td>
<td>Throw ratio (10-16)</td>
</tr>
<tr>
<td>ET-EL20A</td>
<td>Height from the edge of screen to center of lens (L)</td>
</tr>
</tbody>
</table>

**Fixed-focus lens**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET-EL20W</td>
<td>Standard lens</td>
</tr>
<tr>
<td>ET-EL20B</td>
<td>Throw ratio (10-16)</td>
</tr>
<tr>
<td>ET-EL20A</td>
<td>Height from the edge of screen to center of lens (L)</td>
</tr>
</tbody>
</table>

**Digital Interface Box**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET-YFB1000</td>
<td>BRacket includes various installation needs, including server rack (ET-standards) mounting</td>
</tr>
</tbody>
</table>

**High-ceiling mount bracket**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET-PKE200H</td>
<td>Note: ET-PKE200H used in combination with ET-PKE200B (sold separately)</td>
</tr>
</tbody>
</table>

**Low-ceiling mount bracket**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET-PKE2005</td>
<td>ET-PKE2005 used in combination with ET-PKE200B (sold separately)</td>
</tr>
</tbody>
</table>

**Bracket assembly**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET-PKE200B</td>
<td>ET-PKE200B</td>
</tr>
</tbody>
</table>

**Replacement lamp unit**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET-LAE300</td>
<td>ET-LAE300</td>
</tr>
</tbody>
</table>

**Replacement filter unit**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET-REF300</td>
<td>ET-REF300</td>
</tr>
</tbody>
</table>

**The PT-EX700Z/ZZL has 7,500 lm, ET-EX700Z/ZZL 7,000 lm, and PT-EZ700Z/ZZL 6,500 lm of brightness.**

**The usage environment affects the duration of the filter.**

When washing, please follow the procedures listed in the operating instructions. We also recommend replacing the filter after it has been washed and reused twice. If the filter is not sufficiently clean after washing, replace it with a new one.

* With lamp power set to ECO 2. Up to 4,000 hours with lamp power set to ECO 1. Up to 3,000 hours with lamp power set to Normal. Lamp duration is affected by the usage environment.

* For 13, 11, 9, and 7 minutes. * For 3, 2, and 1 minutes. * For 1 minute. * For 30 minutes. * For 15 minutes.

* Lamp duration is affected by the usage environment. ** With lamp mode set to Auto. ** When the Standby Mode is set to ECO, network functions such as Power On/Off LAN will not operate. Also, only certain commands can be received for external control using the serial terminal. ** 30 completion with power lamp set to ECO 1. 35 completion with lamp power set to Normal.
Specifications

Model
PT-EZ770Z/PT-EZ770ZL
PT-EW7302/PT-EW730ZL
PT-EX800Z/PT-EX800ZL

Power supply
100–240 V AC, 50/60 Hz

Power consumption
590 W (10.8 W with Standby Mode set to ECO**1; 10 W with Standby Mode set to Normal, 37 W with In Standby Mode of Audio Setting set to ON)
575 W (0.3 W with Standby Mode set to ECO**2, 10 W with Standby Mode set to Normal, 37 W with In Standby Mode of Audio Setting set to ON)

LCD panel
Panel size
19.0 mm (0.75") diagonal (16:10 aspect ratio)
19.0 mm (0.75") diagonal (16:10 aspect ratio)
20.0 mm (0.79") diagonal (16:9 aspect ratio)

Display method
Active matrix

Drive method
Active matrix

Pixels
2,304,000 (1,920 x 1,200) x 3, total of 6,912,000 pixels
1,024,000 (1,280 x 800) x 3, total of 3,072,800 pixels
786,432 (1,024 x 768) x 3, total of 2,359,296 pixels

Lens
PT-EZ770Z/PT-EW7302/PT-EX800Z: powered zoom (1.7:2.8:1), powered focus F 1.7–2.3, f 26.9–45.4 mm, PT-EZ770ZL/PT-EW730ZL/PT-EX800ZL: optional powered zoom/focus and fixed-focus lens

Lamp
400 W UHM lamp x 1

Lamp replacement cycle
3,000 hours**1 (lamp power: Normal), 4,600 hours**2 (lamp power: ECO 1), 5,600 hours**3 (lamp power: ECO 2)

Screen size (diagonal)
1.02–10.16 m (40–400 in), 16:10 aspect ratio
1.02–10.16 m (40–400 in), 4:3 aspect ratio

Brightness**2
6,500 lm (lamp power: Auto/Normal, Dynamic Mode, standard lens)
7,000 lm (lamp power: Auto/Normal, Dynamic Mode, standard lens)
7,500 lm (lamp power: Auto/Normal, Dynamic Mode, standard lens)

Center-to-corner uniformity**3
90 %

Contrast**3
5,000:1 (null off/11fl off, lamp power: Auto, Iris: Off)

Resolution
DVI-D/HD*/DisplayPort/ DIGITAL LINK

Power consumption
575 W (0.3 W with Standby Mode set to ECO*1, 10 W with Standby Mode set to Normal, 37 W with In Standby Mode of Audio Setting set to ON)

Optical axis shift
Vertical ±60 %, horizontal ±10 % from center of screen (powered)**4

Keystone correction range
vertical: ±4°**4, horizontal: ±3°**5

Installation
Ceiling mount/ floor front/rear

Built-in speaker
3.7 cm round shape x 1, output power: 10.0 W (monaural)

Terminals
DVI-D IN: DVI-D 24-pin x 1 (DVI 1.0 compliant, compatible with HDCP, compatible with single link only)
HDMI IN: HDMI 19-pin × 1 (Deep Color, compatible with HDCP), audio signal: Linear PCM (Sampling frequency: 48 kHz/44.1 kHz/32 kHz)
DisplayPort IN: DisplayPort 20-pin x 1 (DisplayPort 1.1, compatible with HDCP), audio signal: Linear PCM (Sampling frequency: 48 kHz/44.1 kHz/32 kHz)
RGB IN (Y/Cb/Cr): 5,000:1 (full on/full off, lamp power: Auto, Iris: ON)

Video/VC
3.7 mm round shape x 1, output power: 10.0 W (monaural)

Weights and dimensions
Model
PT-EZ770ZG2 Printed in Japan.