## Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>TH-98LQ70</th>
<th>TH-84LQ70</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Panel Type</strong></td>
<td>IPS / Direct-LED</td>
<td>IPS / Edge-LED</td>
</tr>
<tr>
<td><strong>Screen Size (Diagonal)</strong></td>
<td>98&quot;</td>
<td>84&quot;</td>
</tr>
<tr>
<td><strong>Effective Display Area (W × H)</strong></td>
<td>2159 × 1214 mm (85.0&quot; × 47.8&quot;)</td>
<td>1860 × 1047 mm (73.2&quot; × 41.2&quot;)</td>
</tr>
<tr>
<td><strong>Aspect Ratio</strong></td>
<td>16:9</td>
<td>16:9</td>
</tr>
<tr>
<td><strong>Number of Pixels (H × V)</strong></td>
<td>3840 × 2160 pixels</td>
<td>3840 × 2160 pixels</td>
</tr>
<tr>
<td><strong>Brightness (Typ)</strong></td>
<td>500 cd/m²</td>
<td>500 cd/m²</td>
</tr>
<tr>
<td><strong>Contrast Ratio</strong></td>
<td>1300:1</td>
<td>1300:1</td>
</tr>
<tr>
<td><strong>Dynamic Contrast Ratio</strong></td>
<td>500000:1</td>
<td>500000:1</td>
</tr>
<tr>
<td><strong>Response Time</strong></td>
<td>12 ms (G to G)</td>
<td>12 ms (G to G)</td>
</tr>
<tr>
<td><strong>Viewing Angle (Horizontal/Vertical)</strong></td>
<td>178° / 178°</td>
<td>178° / 178°</td>
</tr>
<tr>
<td><strong>Operating Environment</strong></td>
<td>-40°C to 60°C (0°F to 140°F)</td>
<td>-40°C to 60°C (0°F to 140°F)</td>
</tr>
<tr>
<td><strong>Temp. / Humidity</strong></td>
<td>20% to 80% (Non condensation)</td>
<td>20% to 80% (Non condensation)</td>
</tr>
<tr>
<td><strong>Altitude</strong></td>
<td>0<del>2400 m (0</del>7874 ft)</td>
<td>0<del>2400 m (0</del>7874 ft)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>Approx. 136.0 kg (299.9 lbs.)</td>
<td>Approx. 109.0 kg (240.7 lbs.)</td>
</tr>
<tr>
<td><strong>Dimensions (W×H×D)</strong></td>
<td>2233 × 1288 × 122 mm (87.9&quot; × 50.7&quot; × 4.8&quot;)</td>
<td>1949 × 1141 × 99 mm (76.7&quot; × 44.9&quot; × 3.9&quot;)</td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td>650 W (U model), 620 W (W model)</td>
<td>540 W (U model), 520 W (W model)</td>
</tr>
<tr>
<td><strong>Audio Out</strong></td>
<td>Built-in Speaker</td>
<td>Built-in Speaker</td>
</tr>
<tr>
<td><strong>Audio Out</strong></td>
<td>Stereo Mini Jack (M3) × 1</td>
<td>Stereo Mini Jack (M3) × 1</td>
</tr>
<tr>
<td><strong>Video In</strong></td>
<td>DVI-D 24-pin × 1</td>
<td>DVI-D 24-pin × 1</td>
</tr>
<tr>
<td><strong>HDMI In</strong></td>
<td>HDMI TYPE A Connector × 2 (Up to 4K@50/60Hz)</td>
<td>HDMI TYPE A Connector × 2 (Up to 2K@50/60Hz)</td>
</tr>
<tr>
<td><strong>Serial In</strong></td>
<td>D-sub 9-pin × 1, RS-232C Compatible</td>
<td>D-sub 9-pin × 1, RS-232C Compatible</td>
</tr>
<tr>
<td><strong>LAN</strong></td>
<td>RJ45 × 1 (100BASE-TX, Compatible with PJLink™ (Shared with DIGITAL LINK))</td>
<td>RJ45 × 1 (100BASE-TX, Compatible with PJLink™ (Shared with DIGITAL LINK))</td>
</tr>
<tr>
<td><strong>Slot</strong></td>
<td>SLOT NX × 2 (Vacant)</td>
<td>SLOT NX × 2 (Vacant)</td>
</tr>
<tr>
<td><strong>Built-in Speaker</strong></td>
<td>20 W [10 W + 10 W] (10% THD)</td>
<td>15 W [8 W + 8 W] (10% THD)</td>
</tr>
<tr>
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</table>

## Optional Accessories

- **Wall-hanging Bracket**: 
  - TY-WK85PV12 (for 84-inch model)
  - TY-WK103PV9 (for 98-inch model)

- **Pedestal**: 
  - TY-ST85PB1 (for 84-inch model)
  - TY-CE103PS10 (for 98-inch model)

- **Ceiling-hanging Bracket**: 
  - TY-ST103PF9 (for 98-inch model)

- **DIGITAL LINK Switcher**: ET-YFB100G
- **Digital Interface Box**: ET-YFB200G
- **Mobile Stand**: TY-ST85PB1 (for 84-inch model)
- **3G-SDI Terminal Board**: TY-ST103PF9 (for 98-inch model)
- **Terminal Board**: TY-TBN03G
- **Pedestal**: TY-TBN03G
- **Wall-hanging Bracket**: TY-WK85PV12 (for 84-inch model)
- **Ceiling-hanging Bracket**: TY-WK103PV9 (for 98-inch model)

For more information about Panasonic Professional Displays, please visit:
- **Facebook**: www.facebook.com/panasonicprojector
- **YouTube**: www.youtube.com/PanasonicProDisplay
- **Panasonic Professional Display Website**: panasonic.net/cns/prodisplays

CT17-G01PF-LQ Printed in Japan.
Overwhelmingly Dynamic Images from Ultralarge (98”/84”) Screens and 4K Resolution

Panasonic’s LQ70 Series of 4K UHD LCD displays employ 4K picture quality to render intricately detailed, large-screen images. They literally fill the screen with dynamic, large-scale pictures. And unique video technologies accumulated from Panasonic’s development of projectors and broadcast monitors deliver images with high precision and faithful color reproduction.

High Durability & Reliability

Rugged and dependable for public display use.

The LQ70 Series has protective glass with 3.5J impact resistance on the front of the display. With its strong resistance to external impacts, this rugged design allows safe installation in places where many people walk by, such as train stations, airports, and shopping malls.

Special aluminum frame construction also resists twisting to boost reliability during installation. Ideal for rental applications, where the panel is frequently transported and installed.

* This value is from a Panasonic test. It does not imply a guaranteed value.
* The image is simulated to show the frame structure. The appearance varies from that of an actual model.

Designed with Rugged Durability for Professional Use

When the LQ70 Series is installed vertically, it can display a person in almost life-size dimensions. It is ideal for digital signage use where it faithfully reproduces the textures and colors of a model’s clothing and accessories. It helps to maintain a high-quality brand image. Vertical installation also has no effect on the lifetime of the panel.

When the display is installed in a high location, it can be set to tilt forward. This makes signage easier to see in shops with high ceilings.

* 10 degrees with landscape setting and 5 degrees with portrait setting.

Portrait Installation Capability

In addition to being impact resistant, the LQ70 Series is capable of constant, 24/7 operation. It offers reliable use in public spaces where many people gather, such as train stations, airports, and shopping malls, as well as in installation in control rooms. It is also equipped with a variety of input/output terminals for versatile applications.

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With approximately 8,290,000 pixels, or about four times the pixels of a Full-HD display, large-screen display achieves true-to-life, highly detailed images. This dynamic, four times the pixels of a Full-HD display, finely nuanced images. High Color Reproduction is crucial for applications that require faithful color reproduction. For both first-time purchases and replacements. Ideal for Wide Expandability.

Non-4K Sources Are Also Beautifully Compensated

Panasonic’s new-generation image processing technology (Detail Clarity Processor*) also reproduces non-4K image content, such as Full-HD images and PC signals, with high picture quality. In addition, it compensates images for smooth, non-blurry display, which is difficult with conventional models.

* The image is simulated.

Existing plasma display mounting fixtures can be used

The size and positions of mounting holes on the LQ70 Series are the same as those on a large Panasonic plasma display (103-inch/85-inch model). This enables the use of existing peripheral accessories. When replacing a Panasonic plasma display with the LQ70 Series, the existing mounting fixtures can be used, thus reducing the labor and cost of replacement.

Panasonic 4K Quality

Ideal for applications that require faithful color reproduction. For both first-time purchases and replacements. Ideal for Wide Expandability.

Excellent 4K Image Quality

Ideal for applications that require faithful color reproduction.
**System Expandability**

Ideal for use in a wide range of systems.

**SLOT NX Versatile 4K Input**

The new SLOT NX makes it possible to change the interface to match the application. If the optional 3G-SDI Terminal Board is mounted, the LQ70 Series can be connected with SDI. This feature is convenient for use in broadcasting studios, for rental use and for long-distance connection. The LQ70 Series is expandable and will accommodate 4K input in the future.

**Built-in Speaker**

The 20 W (10 W + 10 W) speakers are built into the rear of the display. There is no need for external speakers when using content that has a soundtrack.

- For higher volume sound, use external audio output and more powerful speakers.
- All images shown are simulated.
- SLOT NX is not compatible with SLOT 2.0.

**Local dimming function**

This function controls the LED backlight intensity of particular parts of the displayed image. This significantly increases the contrast ratio of a certain area of the screen image.

**Frame Creation**

A new frame is created and inserted between the frames that make up the image, to achieve greater smoothness. This gives you more beautiful moving images.

**Brightness Sensor for ECO**

The backlight intensity is automatically adjusted according to the viewing environment. Can reduce power consumption.

**Early Warning Software Compatibility**

(SLOT NX is optional)

A wide range of professional applications

**Public information**

The high-resolution screen is ideal for line feeds in airport flight displays and train schedules. The rugged design also provides excellent durability.

**Store signage**

Product details and features are very true-to-life. The outstanding expression of the large 4K display effectively captures attention.

**Rental & staging**

Superb brightness and easy installation ideas for sale and secure use in events. High-quality images and the large screen presence raise the level of excitement. Real-time presentation is also achieved by suppressing the delay time from input to display.

**Control rooms**

The high-resolution screen makes previously difficult-to-see images sharp and clear. It’s ideal for monitoring, because even slight movements can be easily detected. It’s also fully capable of 24/7 operation.

**Broadcast studios**

The large-screen display provides sharp, real-life images. Color temperature can be set from 3000K to 10000K. An optional terminal board enables SDI connection, ideal for broadcast station or studio use.

**Meeting rooms**

The large-screen display provides clear visibility even for meetings with a lot of people attending, and high-definition images are ideal for design and simulation use.

**OTHER FEATURES**

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