## Specifications

### Power supply
AC 100-240 V, 50/60 Hz

### Power consumption
- 300 W (when Standby mode set to Normal, 0.5 W when Standby mode set to Eco*)

### LCD panel
- Display method: Transmissive LCD panel (3, R, G, B)

### Lens
- Manual zoom: 1.24×, Manual focus: F=1.6–1.76
- Screen size: 0.76–7.62 m (30–300 inches) diagonally, 4:3 aspect ratio
- Resolution: 1024 x 768 pixels
- Brightness: 4,150 lm
- Lamp: 230 W × 1 lamp
- Lamp replacement cycle: Normal: 5,000 hours, Eco: 6,000 hours, Eco: 10,000 hours

### Scanning frequency
- HDMI IN: 59.94 Hz
- YPbPr (YCBCR): 50 Hz
- RGB (525i (480i)): 59.94 Hz
- Component (1125 (1080)/50p): 25 Hz
- Component (1125 (1080)/25p): 50 Hz
- Component (1125 (1080)/60p): 50 Hz
- Component (1125 (1080)/50p): 25 Hz
- Component (1125 (1080)/25p): 50 Hz
- Component (1125 (1080)/60p): 50 Hz

### Terminals
- HDMI IN: HDMI 19-pin × 1 (Deep Color, 3D, 1080p, EDID, ARC, HDMI CEC, Audio Return Channel, 24-bit color)
- COMPUTER IN: D-sub HD 15-pin (female) × 1 (RGB/YPbPr/Component), M/M, F/F, M/M, 1920 × 1200 max, dot clock 162 MHz max
- AUDIO IN: M3 (L,R) × 1 (variable), Pin jack × 2 (L,R)
- AUDIO OUT: M3 (L,R) × 1 (variable)
- MONITOR OUT: D-sub HD 15-pin (female) × 1 (RGB, Monitor output)
- SERIAL IN: D-sub HD 15-pin (female) × 1 (1 serial terminal)
- SERIAL OUT: M3 (L,R) × 1 (optional)

### Key specifications
- Operating temperature: 5–40 °C (41–104 °F) [High Land Mode: OFF];
  5–35 °C (41–95 °F) [High Land Mode: ON];
- Operating humidity: 33–90 %, at 30–35 °C (86–95 °F)
- Panel size: 15.0 mm (0.59 inches) diagonal (16:10 aspect ratio)
- Panel: Transparent LCD panel (× 3, R/G/B)
- Drive method: Active matrix method
- Display method: Transmissive LCD panel
- Panel size: 16.0 mm (0.63 inches) diagonally, 4:3 aspect ratio
- Pixels: 786,432 (1024 × 768) pixels
- Lamp: 230 W × 1 lamp
- Lamp replacement cycle: Normal: 5,000 hours, Eco: 6,000 hours, Eco: 10,000 hours

### Dimensions
- Unit: mm (inches)
- 300 W (when Standby mode set to Normal, 0.5 W when Standby mode set to Eco*)

### Note
- * Filter cover not included.

### Panasonic

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

PT-LB423G1 Printed in Japan.
PT-LB423 Series
LCD Projectors

The People-friendly Projector That’s Built to Last
Power and intelligence combine in a compact and lightweight body for brightness ranging from 3,100 lm to 4,100 lm at a highest-ever 16,000:1 contrast ratio, resulting in easy-to-see pictures that resist washout.

Brilliant Performance in a Compact Body

High Brightness and Contrast for Clear, Comfortable Viewing
Power and intelligence combine in a compact and lightweight body for brightness ranging from 3,100 lm to 4,100 lm at a highest-ever 16,000:1 contrast ratio, resulting in easy-to-see pictures that resist washout.

Lower Maintenance Reduces TCO
Select a lamp power mode to suit your presentation style and efficiency requirements to achieve high performance at lower cost. Lamp and filter replacement timing is the same in any mode, streamlining maintenance.

Bright Pictures in Artificial Light
Daylight View Lite uses sensor information to optimize color and brightness according to ambient lighting levels. This function is easily accessed using the supplied remote control.

Quiet 28 dB Operation for Distraction-free Viewing
Operating noise is as low as 28 dB, reducing the chance of distraction during presentations or quiet video scenes.

Easy Setup and Management

Corner Keystone Correction for Angled Projection
If on-site conditions require off-center projection, simply designate four screen corners and Horizontal & Vertical Corner Keystone Correction performs necessary adjustments for a distortion-free image.

Curved Screen Correction
Barrel and pincushion distortions are easily corrected when projecting onto a curved screen surface.

1.2x Zoom Versatility
The PT-LB423 Series includes a 1.2x zoom lens to support a wide range of projection throw-distances. This is useful when presenting in rooms of different sizes.

A Clear Winner in Price-to-Performance with 10,000-hour Maintenance-free Projection and Reduced TCO
With maintenance-free operation extended to 10,000 hours, business professionals and educators can depend on the PT-LB423 Series for bright and clear communication wherever their day takes them. Weighing less than 3kg, and with set-and-project functionality, these wireless-ready units are built to impress.

lower Maintenance Reduces TCO
Select a lamp power mode to suit your presentation style and efficiency requirements to achieve high performance at lower cost. Lamp and filter replacement timing is the same in any mode, streamlining maintenance.

Without Daylight View Lite
With Daylight View Lite

Replacement Cycle of Lamp

Eco2 10,000 hours
Eco1 6,000 hours
Normal 5,000 hours
Replacement Cycle of Air Filter

10,000 hours
6,000 hours
5,000 hours

With maintenance-free operation extended to 10,000 hours, business professionals and educators can depend on the PT-LB423 Series for bright and clear communication wherever their day takes them. Weighing less than 3kg, and with set-and-project functionality, these wireless-ready units are built to impress.

Barrel and pincushion distortions are easily corrected when projecting onto a curved screen surface.

In fixed installations, Multi Monitoring and Control Software makes management of multiple projectors easy from a single PC. Wired LAN supports PJLink™ protocol, while serial port is RS-232C-compatible for remote control.
### Project Wirelessly with Optional Module

**Project media wirelessly via PC using Presenter Light or a compatible third-party application for iOS and Android™ devices.**

Just connect the optional ET-WML100 Wireless Module to the projector’s USB input.

**Presenter Light Ver.1.0 for Windows® PCs**
- Supports images, video, and documents such as PDF and PowerPoint®
- Mirrors PC screen on the big screen
- Project media from up to four PCs simultaneously in Split Screen Mode

### Memory Viewer Function

Insert a USB memory device into the USB port and start projecting content straight away without need of a connected PC.

### USB Display Function Projects Media Over USB Cable

Transmission of audio-video content via PC* to the projector is supported over USB cable with an included USB Display Mode.

*Audio transmission not supported with Mac OS.

### Projection distance

<table>
<thead>
<tr>
<th>Projection Distance</th>
<th>Height from the edge of screen to center of lens (H)</th>
</tr>
</thead>
<tbody>
<tr>
<td>300˝ (7.62)</td>
<td>30.9 (0.79)</td>
</tr>
<tr>
<td>200˝ (5.08)</td>
<td>20.9 (0.53)</td>
</tr>
<tr>
<td>150˝ (3.81)</td>
<td>15.2 (0.38)</td>
</tr>
<tr>
<td>120˝ (3.05)</td>
<td>12.1 (0.31)</td>
</tr>
<tr>
<td>100˝ (2.54)</td>
<td>10.1 (0.26)</td>
</tr>
<tr>
<td>90˝ (2.29)</td>
<td>9.0 (0.23)</td>
</tr>
<tr>
<td>80˝ (2.03)</td>
<td>8.0 (0.20)</td>
</tr>
<tr>
<td>70˝ (1.78)</td>
<td>6.9 (0.18)</td>
</tr>
<tr>
<td>60˝ (1.52)</td>
<td>5.9 (0.15)</td>
</tr>
<tr>
<td>50˝ (1.27)</td>
<td>5.0 (0.13)</td>
</tr>
<tr>
<td>40˝ (1.02)</td>
<td>4.0 (0.10)</td>
</tr>
</tbody>
</table>

### HDMI and PC Inputs

Transmit Full HD video and graphics using HDMI terminal, or either of two D-sub HD terminals* for personal computer. A PC monitor output is also included.

*PT-LB303 has one computer (RGB) input terminal only.

### Additional Features

- **Built-in 10 W speaker**
- **Supports PJLink™ protocol**
- **Built-in closed-caption decoder**
- **Direct Power Off**
- **Projector identification system for up to six projectors**
- **Blackboard modes for colored screen surfaces**
- **Configurable start-up logo**
- **Equipped with a security bar for theft prevention**

### Eco-friendly Design

- No halogenated flame-retardants used in cabinet
- Lead-free lens glass
- Coating-free cabinet for recycling and end of life
- Switchable lamp mode conserves energy

### Meeting rooms

**PT-LB423/LB383/LB353**

- WXGA
- XGA
- WXGA
- XGA
- WXGA
- XGA

**PT-LW373**

- (16:10 aspect ratio; throw ratio 1.48 - 1.78:1)

**PT-LW333**

- (16:10 aspect ratio; throw ratio 1.47 - 1.77:1)

**PT-LB303**

- (4:3 aspect ratio; throw ratio 1.47 - 1.77:1)

### Design

- Coating-free cabinet for recycling and end of life
- Lead-free lens glass
- No halogenated flame-retardants used in cabinet