Easy Wireless Functionality for Seamless and Lively Meetings
**Flexible Communications with a Variety of Devices**

**Wireless Connectivity**

Now there's no need to mess with tangled wires or conversion adaptors when you want to share your ideas. The PN-L703W/603W interactive displays have a built-in wireless controller that enables multiple devices—including Mac® or Windows® computers, smartphones, and tablets—to connect wirelessly via dedicated connection software. Mac and Windows users also have a handy option for quick, temporary connection: they can launch the wireless connection software on the bundled token without pre-installing anything. Thanks to wireless connectivity on the PN-L703W/603W interactive displays, meeting participants can enjoy BYOD freedom as well as speedy and active communications.

Note: Connection software is downloadable from the App Store® online store (iOS® platform) or Google Play™ store (Android™ platform). Additional terms may apply.

**Wireless Connection System Requirements**

<table>
<thead>
<tr>
<th>Platform</th>
<th>CPU</th>
<th>Main Core</th>
<th>OS</th>
<th>Memory</th>
<th>Hard disk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Windows®</td>
<td>Core 2 Duo 3.0 GHz or higher (Intel® Core i5 or higher recommended)</td>
<td>Windows® 7 (32 bit/64 bit), Windows® 8 (32 bit/64 bit)</td>
<td>2 GB or more (4 GB or more recommended)</td>
<td>200 MB capacity or more</td>
<td></td>
</tr>
<tr>
<td>Mac</td>
<td>Core 2 Duo 3.0 GHz or higher (Intel® Core i5 or higher recommended)</td>
<td>Mac OS X v10.9, Mac OS X v10.10</td>
<td>2 GB or more (4 GB or more recommended)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>iOS</td>
<td>iPhone, iPad operating on Apple iOS 7.0 or later</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Android™</td>
<td>Smartphone or tablet operating on Android™ 4.0 or later</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chrome OS</td>
<td>Chromebos operating on Chrome OS™ with 2GB or more</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Coming Q1 2016

**2 x 2 Split-Screen Display**

The PN-L703W/603W interactive displays can connect wirelessly with multiple mobile devices and simultaneously display the onscreen contents of those devices in a 2 x 2 split screen. Alternatively, any one of the individual screens can be enlarged to full-screen size. The screen can be switched either from the AQUOS BOARD interactive display or from a connected device.

**Overlay Function**

In overlay mode, you can write annotations on a transparent screen that overlays the visible onscreen content. Text and graphics written on the PN-L703W/603W interactive displays, meeting participants can enjoy BYOD freedom as well as speedy and active communications.

Note: Original files or content shown on the screen cannot be accessed directly during overlay mode.

**Direct Drawing Function**

The PN-L703W/603W interactive displays can be quickly switched to enable use of Direct Drawing, a user-friendly function that's just like using a whiteboard. Even for first-time users, this simple write-and-erase function is easy and intuitive to operate. Screen captures can be saved as JPEG files on a USB memory device.

Touch "Direct Drawing" on the onscreen menu.
Flexible, Natural Work Environment

Revolutionize Discussions with SHARP Touch Viewer Software

SHARP Touch Viewer software is a touch-operated onscreen user interface that lets you easily view, manipulate, and write annotations on different types of files, including Microsoft® Office applications, videos, and Web pages. Being able to organize a variety of file types in one work area allows you to have more active discussions.

View various types of files in one work area
Various kinds of files—including Microsoft Office files, PDFs, Web pages, and image and video files—can be displayed on the screen as "sheets." There’s no need to open the respective applications, and you can view all the different files simultaneously in the same work area.

* Viewable files: Microsoft Office (Excel®, Word, PowerPoint®), PDF, JPEG/PNG/BMP/TIFF, and WMV/AVI/MP4/FLV.

Edit original data
Original Microsoft Office files displayed as "sheets" can be easily opened with compatible applications and edited.

Store onscreen layouts
Onscreen layouts of "sheets" can be stored for later retrieval, so you can easily restart a discussion where you left off.

Note: Download SHARP Touch Viewer software from the bundled CD-ROM.

Pen Digitizer Functionality Boosts Communicative Potential

The PN-L703W/603W interactive displays feature a pen digitizer function that automatically distinguishes pen and finger input, allowing you to perform pen and touch operations without having to switch modes. The bundled touch pen employs a pressure sensor that faithfully renders your writing style. The pen digitizer function is compatible with Microsoft Office* (Excel, Word, PowerPoint and OneNote®), Adobe Photoshop®, Adobe Illustrator® and SHARP Touch Viewer software.

* Not certified by Microsoft.

Smooth Operation and Comfortable Writing

Simultaneous Writing for Up to 4 People
The PN-L703W/603W interactive displays let you capture ideas at the moment of creation. Recognizing up to 10 touch points, they allow up to four people to write at the same time with a finger or touch pen.

User-Friendly SHARP Pen Software Interface
The easy-to-launch SHARP Pen Software user interface incorporates a menu comprising smartly arranged icons that provide easy access to pen settings and functions. Settings such as color and line thickness can be established for each touch pen. The menus for each pen can be displayed in a floating format that allows them to be moved to any convenient location on the screen.

Touch-operated onscreen menu
Pressing the Touch Menu button on the PN-L703W/603W interactive displays instantly displays an onscreen menu that lets you easily switch input sources, change volume level, or turn the touchscreen function on and off without using a remote controller.

Handwriting Recognition
A handwriting recognition* function converts selected onscreen handwriting into standard text. This convenient function allows you to utilize onscreen content to make neat and legible minutes of your meetings.

*Works with languages supported by SHARP Pen Software. Please see the SHARP Pen Software manual for supported languages.

Minimize glare and fingerprints
Protecting the screen is an anti-glare film that works to help reduce glare and reflections and minimize fingerprint soiling on the glass.

Front-mounted speakers
Two speakers (10 W + 10 W) are mounted low on the front of the LCD monitor to deliver clearer sound.

SHARP Display Connect
This software is especially effective for communications with large audiences. By allowing the AQUOS BOARD interactive display to share its onscreen content with up to 50 devices*, and by enabling the exchange of files between those devices, SHARP Display Connect facilitates lively discussions and paperless meetings in both business and educational settings.

### Specifications

<table>
<thead>
<tr>
<th>Model Name</th>
<th>PN-L703W</th>
<th>PN-L603W</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Installation</strong></td>
<td>Landscape</td>
<td>Landscape</td>
</tr>
<tr>
<td><strong>LCD Panel</strong></td>
<td>70” Class (69.5” diagonal) UPA+ LCD</td>
<td>60” Class (60.1” diagonal) UPA+ LCD</td>
</tr>
<tr>
<td><strong>Max. Resolution</strong></td>
<td>1,920 x 1,080 pixels</td>
<td>1,920 x 1,080 pixels</td>
</tr>
<tr>
<td><strong>Max. Display Colors (approx.)</strong></td>
<td>1.06 billion colors</td>
<td>1.06 billion colors</td>
</tr>
<tr>
<td><strong>Pixel Pitch (H x V)</strong></td>
<td>0.802 x 0.802 mm</td>
<td>0.692 x 0.692 mm</td>
</tr>
<tr>
<td><strong>Max. Brightness (average)</strong></td>
<td>300 cd/m²</td>
<td>300 cd/m²</td>
</tr>
<tr>
<td><strong>Contrast Ratio</strong></td>
<td>3,000 : 1</td>
<td>3,000 : 1</td>
</tr>
<tr>
<td><strong>Viewing Angle (H/V)</strong></td>
<td>160°/160° (CR ≥ 10)</td>
<td>160°/160° (CR ≥ 10)</td>
</tr>
<tr>
<td><strong>Active Screen Area (W x H) (approx.)</strong></td>
<td>60 ⅞” x 34 ⅜”</td>
<td>52 ⅞” x 29 ⅞”</td>
</tr>
<tr>
<td><strong>Response Time</strong></td>
<td>6 ms (grey to grey, avg.)</td>
<td>6 ms (grey to grey, avg.)</td>
</tr>
<tr>
<td><strong>Backlight</strong></td>
<td>LED, edge lit</td>
<td>LED, edge lit</td>
</tr>
<tr>
<td><strong>Touchscreen Technology</strong></td>
<td>IR (infrared blocking detection method)</td>
<td>IR (infrared blocking detection method)</td>
</tr>
<tr>
<td><strong>PC Connection Port</strong></td>
<td>USB (2.0 compliant) (Type B) x 2</td>
<td>USB (2.0 compliant) (Type B) x 2</td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td>Supplied from main unit</td>
<td>Supplied from main unit</td>
</tr>
<tr>
<td><strong>Power Management</strong></td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Audio</strong></td>
<td>Analog PC, video, and component video are switchable (on bottom interface), use the menu to select. Video and component video connections require conversion cable via mini-D-sub-15-pin jack.</td>
<td>Analog PC, video, and component video are switchable (on bottom interface), use the menu to select. Video and component video connections require conversion cable via mini-D-sub-15-pin jack.</td>
</tr>
<tr>
<td><strong>Power Management</strong></td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>VESA holes</strong></td>
<td>200 (7), 200 (7)</td>
<td>200 (7), 200 (7)</td>
</tr>
<tr>
<td><strong>Mounting</strong></td>
<td>VESA (4 points), 200 x 200 mm pitch, M6 screw</td>
<td>VESA (4 points), 200 x 200 mm pitch, M6 screw</td>
</tr>
<tr>
<td><strong>Environmental Conditions</strong></td>
<td>Operating Temperature: 5°C to 35°C</td>
<td>Operating Temperature: 5°C to 35°C</td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td>10W + 10W</td>
<td>10W + 10W</td>
</tr>
<tr>
<td><strong>Dimensions (W x D x H) (approx.)</strong></td>
<td>35.3/16” x 35.3/16” x 35.3/16”</td>
<td>35.3/16” x 35.3/16” x 35.3/16”</td>
</tr>
<tr>
<td><strong>Weight (approx.)</strong></td>
<td>13.4 lbs</td>
<td>10.5 lbs</td>
</tr>
<tr>
<td><strong>Main Accessories</strong></td>
<td>AC power cord, remote control unit, battery (AA size x 2), set-up manual, blank sticker, cable clamps x 5, camera mount, USB cable (3.0 m), eraser, pen tray, touch pen (with function button), pen adapter, touch pen (AAA size), SHARP Display Connect software CD-ROM, wireless token, wireless adapter, wireless adapter cover, RS-232C conversion cable (0.5 mm-diameter mini stereo jack) x 1</td>
<td>AC power cord, remote control unit, battery (AA size x 2), set-up manual, blank sticker, cable clamps x 5, camera mount, USB cable (3.0 m), eraser, pen tray, touch pen (with function button), pen adapter, touch pen (AAA size), SHARP Display Connect software CD-ROM, wireless token, wireless adapter, wireless adapter cover, RS-232C conversion cable (0.5 mm-diameter mini stereo jack) x 1</td>
</tr>
</tbody>
</table>

### Dimensions

#### PN-L703W

- **Height**: 31.114” (80)
- **Depth**: 11 1/8” (28)
- **Width**: 35.3/16” (900)
- **Weight**: 35.3/16” (900)

#### PN-L603W

- **Height**: 31.114” (80)
- **Depth**: 11 1/8” (28)
- **Width**: 35.3/16” (900)
- **Weight**: 35.3/16” (900)

### Input/Output Terminals

#### Side

- **USB (for wireless adapter)**
- **USB**
- **LAN port**
- **DisplayPort (D-sub)**
- **PC/AV input (HDMI)**
- **Audio input**

#### Bottom

- **USB (for pen adapter)**
- **LAN port**
- **DisplayPort input**
- **USB (for PC)**
- **PC/AV input (HDMI)**
- **Audio input**

### Windows® PC System Requirements

- **PC**: PC-compatible machine with USB 2.0 port and screen resolution of 1,920 x 1,080 (CD-ROM drive required for installation)
- **CPU**: Intel Core i7-6th Gen, i5-5th Gen or higher
- **RAM**: Windows 7 (2 GB), Windows 8 (4 GB), Windows 8.1 (4 GB), Windows 10 (4 GB)

### Option

- **PN-ZL02**: Touch Pen

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