Smooth, Intuitive, and Made for Sharing—
Sharp BIG PAD Gives Your Communications a Boost
Sharp’s BIG PAD PN-70TA3/70TB3/60TA3/60TB3 are designed for smooth and effortless communication in a wide range of contexts. Their highly responsive touch pens allow several people to write on the same screen at the same time. And SHARP Display Connect software enables multifaceted wireless communication. Whether in the boardroom or the classroom, Sharp changes the way you communicate.

**Simple, Intuitive Operation Lets You Focus on Interacting**

**Simultaneous Writing**
Recognising up to 10 points of contact, the PN-70TA3/70TB3 and PN-60TA3/60TB3 multi-touch LCD monitors allow up to four people to write on the screen at the same time using touch pens or fingers. Participants can take an active part in meetings, brainstorming sessions, classroom interactions, and more. Discussions and presentations become platforms for effective and lively exchanges of opinions.

**Smooth, Highly Responsive Touch Pen**
The dedicated touch pen with function buttons\(^1\) is so smooth and light that using it is like writing on paper. A pressure sensor at the tip of this slim and lightweight pen lets you write with high precision and with an effortless and uninterrupted flow.

**Handwriting Recognition**
These LCD monitors feature a handwriting recognition\(^3\) function for converting selected onscreen handwriting into standard text. This convenient function allows you to utilise onscreen content to make neat and legible minutes of your meetings.

**User-Friendly SHARP Pen Software**
Using a touch pen, you can easily launch and display the SHARP Pen Software user interface—a menu comprising smartly arranged icons that provide easy access to pen settings and functions. Each touch pen has its own dedicated menu, which can be displayed even when up to four people are writing on the screen at the same time. Pen settings such as colour and line thickness can be set for each touch pen (with function buttons).

**Work Smarter with SHARP Display Connect**
SHARP Display Connect\(^1\) software supports effective and multifaceted communication. Onscreen content—including handwritten notes and drawings made in real time—can be viewed simultaneously on the BIG PAD and mobile devices\(^2\) such as PCs, tablets, and smartphones. SHARP Display Connect facilitates interactive presentations, lively discussions, and paperless meetings in both business and educational settings.

\(^{1}\) Number of connectable mobile devices depends on the following conditions.
- LCD monitors
  - PN-70TA3/60TA3 used with pre-installed software: Max. 20
  - PN-70TA3/60TA3/70TB3/60TB3 used with bundled software CD-ROM: Max. 50
- OS — Windows\(^7\): Max. 20; Windows\(^8/8.1\): Max. 50
- *3 OS requirements:
  - PCs: Windows\(^7\), Windows\(^8/8.1\)
  - Tablets: Windows\(^7\), Windows\(^8/8.1\), Android, iOS
  - Smartphones: Android, iOS
- *3 Connecting 20 or more mobile devices requires at least two LAN access points.

\(^{2}\) Please check with your local authorised Sharp dealer/representative on availability.

\(^{3}\) For details, see the section on SHARP Display Connect.
Connecting 20 or more mobile devices requires at least two LAN access points.

Number of connectable mobile devices depends on the following conditions.

- **OS** — Windows® 7: Max. 20; Windows® 8/8.1: Max. 50

The dedicated touch pen with function buttons is so smooth and precise and with an effortless and uninterrupted tip of this slim and lightweight pen lets you write with high fingers. Participants can take an active part in meetings, PN-60TA3/60TB3 multi-touch LCD monitors allow up to four recognising up to 10 points of contact, the PN-70TA3/70TB3 and smartphones. SHARP Display Connect facilitates interactive presentations, lively.

SHARP Display Connect*1 software supports effective and multifaceted communication. Onscreen content—including handwritten notes and drawings made in real time—can be viewed simultaneously on the BIG PAD and mobile devices*2 such as PCs, tablets, and smartphones. SHARP Display Connect*1 software facilitates interactive presentations, lively.

Participants can take an active part in meetings, PN-60TA3/60TB3 multi-touch LCD monitors allow up to four recognising up to 10 points of contact, the PN-70TA3/70TB3 and smartphones. SHARP Display Connect facilitates interactive presentations, lively.

Minimise glare and fingerprints

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

MFP connectivity

Documents and images scanned from a colour-scan-capable Sharp MFP can be imported directly to the SHARP Pen Software for display on the BIG PAD. For added convenience, image data shown onscreen—including notations—can be saved to a PC or sent directly to an MFP for printout.

Feature comparison

<table>
<thead>
<tr>
<th>Feature Comparison</th>
<th>PN-70TA3/60TA3</th>
<th>PN-70TB3/60TB3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quick Start</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>SHARP Pen Software*1</td>
<td>(pre-installed)</td>
<td>(bundled; user installed)</td>
</tr>
<tr>
<td>Touch Pen</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>w/o function buttons</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>SHARP Display Connect*2</td>
<td>pre-installed / bundled; user installed</td>
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Features available under conditions indicated in parentheses.

*1 Supports 11 languages (English, German, Spanish, French, Italian, Dutch, Portuguese, Russian, simplified Chinese, traditional Chinese, Japanese)

*2 Please check with your local authorized Sharp dealer/representative on availability.

*3 For details, see the section on SHARP Display Connect.

### Quick Startup (PN-70TA3/60TA3)

The whiteboard function on the PN-70TA3/60TA3 can start up quickly at a press of the power button, so that meetings get underway without delay.

Note: When booting the LCD monitor from power off status (power turned off using the power button on the monitor or remote control)

### Touch-Operated Onscreen Display

Pressing the Touch Menu button 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.

### Minimise Glare and Fingerprints

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

### A Wealth of Input/Output Terminals

The PN-70TA3/70TB3 and PN-60TA3/60TB3 come standard-equipped with a wealth of input/output terminals—on the side and the bottom of the monitor—to enable easy connection with a wide variety of equipment. This array of terminals includes three HDMI ports, two D-sub ports, two DisplayPort™ terminals (one input, one output), and two touchscreen-supporting USB ports. One of the USB ports can be assigned to a regularly connected PC, such as a host PC used to operate the LCD monitor. The other USB port facilitates temporary connection to another PC, such as one used by a meeting participant. This allows easy PC connection without the need to switch the USB cable.

### Front-Mounted Speakers

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

### MFP Connectivity

Documents and images scanned from a colour-scan-capable Sharp MFP can be imported directly to the SHARP Pen Software for display on the BIG PAD. For added convenience, image data shown onscreen—including notations—can be saved to a PC or sent directly to an MFP for printout.

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Specifications

<table>
<thead>
<tr>
<th>Model Name</th>
<th>PN-70TA3</th>
<th>PN-70TB3</th>
<th>PN-60TA3</th>
<th>PN-60TB3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation</td>
<td>Landscape</td>
<td>Landscape</td>
<td>Landscape</td>
<td>Landscape</td>
</tr>
<tr>
<td>LCD Panel</td>
<td>70-inch-class (69 1/16-inch [176.6 cm]) diagonal VA2&quot; LCD</td>
<td>60-inch-class (60 1/16-inch [152.5 cm]) diagonal VA2&quot; LCD</td>
<td>70-inch-class (69 1/16-inch [176.6 cm]) diagonal VA2&quot; LCD</td>
<td>60-inch-class (60 1/16-inch [152.5 cm]) diagonal VA2&quot; LCD</td>
</tr>
<tr>
<td>Max. Resolution</td>
<td>1920 x 1080 pixels</td>
<td>1920 x 1080 pixels</td>
<td>1920 x 1080 pixels</td>
<td>1920 x 1080 pixels</td>
</tr>
<tr>
<td>Max. Display Colours (approx.)</td>
<td>1.06 billion colours</td>
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</tr>
<tr>
<td>Pixel Pitch (x y)</td>
<td>0.682 x 0.682 mm</td>
<td>0.692 x 0.692 mm</td>
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<td>0.692 x 0.692 mm</td>
</tr>
<tr>
<td>Max. Brightness (average)*1</td>
<td>300 cd/m²</td>
<td>300 cd/m²</td>
<td>300 cd/m²</td>
<td>300 cd/m²</td>
</tr>
<tr>
<td>Contrast Ratio</td>
<td>3,000 : 1</td>
<td>3,000 : 1</td>
<td>3,000 : 1</td>
<td>3,000 : 1</td>
</tr>
<tr>
<td>Active Screen Area (W x H) (approx.)</td>
<td>1,339.5 x 895.6 mm (60 1/16&quot; x 34 1/16&quot;)</td>
<td>1,291.9 x 747.6 mm (50 7/16&quot; x 29 1/8&quot;)</td>
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<tr>
<td>Response Time</td>
<td>6 ms (gray to gray, avg.)</td>
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<tr>
<td>Resolution</td>
<td>1,920 x 1,080 pixels</td>
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<td>1,920 x 1,080 pixels</td>
</tr>
</tbody>
</table>

Touchscreen

- **Touch Technology**: IR (infrared-induced multi-domain vertical alignment)
- **PC Connection Port**: USB 2.0 (type B) x 2
- **Power Supply**: Supplied from main unit
- **Multi Touch**: 10 points
- **Protection Glass**: Thickness: Approx. 3.4 mm*1
- **Shock resistance**: 130 cm*2

Dimensions

<table>
<thead>
<tr>
<th>Dimensions (W x D x H) (approx.) (display only)</th>
<th>PN-70TA3/70TB3</th>
<th>PN-60TA3/60TB3</th>
</tr>
</thead>
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<tr>
<td>Operating Temperature</td>
<td>5˚C to 35˚C</td>
<td>5˚C to 35˚C</td>
</tr>
<tr>
<td>Operating Humidity</td>
<td>20% to 80% RH (no condensation)</td>
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</tr>
<tr>
<td>Dimensions</td>
<td>1,647 x 94 x 1,010 mm (64 1/16&quot; x 3 11/16&quot; x 39 1/2&quot;)</td>
<td>1,437 x 94 x 890 mm (56 9/16&quot; x 3 11/16&quot; x 35&quot;&quot;)</td>
</tr>
</tbody>
</table>

Windows® PC System Requirements

- **CPU**: Intel® Celeron® 1.6GHz, or AMD Sempron™ 1.6GHz or higher (CD-ROM drive required for installation)
- **OS**: Windows® 7 (32-bit/64-bit), Windows® 8 (32-bit/64-bit), Windows® 8.1 (32/64-bit), Windows® 7 (32-bit/64-bit), Windows® 8 (32-bit/64-bit), Windows® 8.1 (32/64-bit)
- **Memory**: 2GB or more
- **Hard disk**: 200GB or more (additional space required for saving data)

Options

- **PN-ZL01 : Touch Pen and Touch Pen Adaptor**
- **PN-ZL02 : Touch Pen**

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