



PN-L862B/L752B/L652B

4K BIG PAD interactive displays

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SHARP
Be Original.

Enjoy a more natural way of working

Share even the most detailed information quickly and easily, with outstanding 4K clarity and extremely intuitive control.

The PN-L2B BIG PAD range of smart interactive displays combines genuine '4K reading and writing' and an intuitive 'Pen-on-Paper' user experience with Zero Bonding and Sharp's PrecisionTouch technology. The single USB-C connector makes it so simple to walk in to a room, plug in your device and start working together straightaway. The PN-L2B BIG PADS also feature an integrated Android PC with whiteboard, overlay and wireless functionality as well as graded security to help enhance your productivity.

It is the perfect choice for busy office environments, boardrooms, meeting rooms and training sessions that require quick responsive operation and smart integrated collaboration tools. It encourages effective group teamwork, promotes idea sharing and helps people deliver great presentations and achieve better meeting outcomes.



As well as incorporating a range of useful pre-installed apps, settings and configurations, it enables quick and easy-to-use video conferencing, especially when combined with the optional AV

Soundbar (Order Code: PN-ZCMS1). It also features the Synappx™ Launcher which is part of our innovative platform of Synappx applications and services, which removes frustrating technology hassles and brings smart home convenience into the workplace.

See every little detail

To ensure that groups can collaborate more effectively in corporate environments everything needs to be displayed clearly and precisely. It helps people assimilate information more easily, so they stay focused and engaged and can contribute more proactively. The PN-L2B BIG PAD range of large format displays is available with a choice of 86", 75", and 65" screen sizes to suit almost any office environment, boardroom or meeting room.

It also delivers a true 4K reading and writing experience as it features a 3840 x 2160 Ultra High Definition (UHD) 4K resolution display and touchscreen. The LCD technology delivers high contrast and visual clarity, ensuring that even the most detailed presentations, documents and diagrams can be easily viewed and read. So it is ideal for exploring very detailed data and technical designs, particularly within businesses operating in the finance, engineering, architecture, healthcare, consulting, energy and retail markets.



Simply easier to use

If technology is complex or difficult to use it can be a real barrier to effective collaboration and information sharing. So the PN-L2B BIG PAD delivers the same feel as writing with a real pen on paper – and is just as simple. Its Zero Bonding and PrecisionTouch technology enable highly accurate and responsive writing and drawing, with minimal latency and delay or interference from other environmental factors.

It automatically recognises whichever way you are annotating - either with the effortless convenience of using your finger or the comfort of Sharp's Passive Stylus/Pen. It also determines the stylus thickness with the Microsoft Ink Pen-Digitizer function. It also includes gesture support for smooth pinching, zooming and rotating and its 20-point multi-touch capability allows several people to use the screen at the same time, enabling much greater interactivity.

By minimising any technological distractions and enabling a more natural and intuitive way of working, the PN-L2B BIG PAD lets you focus on the content and waste less time. It also means that users feel more confident presenting and sharing information without the need for any training and will want to use it more frequently, helping to optimise the results of any group collaboration.

In addition, the optional Synappx™ platform of applications and services helps you start meetings faster, simplify web conferences in virtual workspaces and share or print information directly from a smartphone. So you can communicate more effectively, exchange information seamlessly and collaborate more productively with a consistent user experience across multiple platforms.

Looks good anywhere

The PN-L2B BIG PAD has a stylish design that features a slim-flat bezel and combines attractive bi-tone grey shades with a premium aluminium finish. It can be installed in landscape mode, along with an optional AV soundbar (order code: PN-ZCMS1), is capable of operating 16/7 and can be remotely controlled for effective asset management or simply obtaining diagnostic service information. So it will enhance almost any office environment, meeting room and educational facility.

All the flexibility you need

The ability to adapt to changing requirements quickly and effectively is essential to ensuring that businesses always operate with maximum productivity and efficiency.

The open architecture design of the Sharp PN-L2B BIG PAD provides exceptional flexibility and freedom of use, so it can meet the demands of even the most challenging corporate environments. You can easily connect to various types of PC source with its USB-C, HDMI, and VGA connectors. So you can display almost any type of content with a 4K resolution, or select any type of 4K video content from media player using the CEC HDMI output. In addition, it has the latest high-speed, high-bandwidth USB-C port, which can be used for multiple functions and has a rotationally symmetrical design, so there is no connection confusion.

It can also wirelessly share information with any smart Windows, Android, iOS, Chrome or other mobile device without unsightly cables, complex add-on peripherals, or bulky power supplies. Or you can utilise the OPS slot to instantly extend the BIG PAD's functionality with third-party add-ons and solutions. Finally, it supports the use of Touch Back, so that whatever is shown, drawn or controlled on the BIG PAD will be replicated on the connected smart devices.

Its versatile connectivity ensures that you can easily create the optimum conditions to encourage creativity, boost productivity and enable effective decision making, without being hampered by any unnecessary technical complexity.



Added productivity as standard

The PN-L2B BIG PAD comes with a range of standard Sharp Software to help get the most out of your meetings or presentations. It is easy to install and use and does not require any technical expertise:

- **Pen software**

Provides quick and easy access to pen settings and other useful functions. It allows you to add onscreen annotations or graphics directly onto photos, videos, PDFs, and common Microsoft® files. You can also control presentations, adjust the screen set-up and store or email any files you have been working on.

- **Touch Viewing software**

Offers an easy-to-use interface and file system to collect, manipulate and organise a variety of different files on the screen without actually opening the respective applications.

- **Bytello Share app**

Supports multifaceted wireless casting, so content on the screen, including images, audio and video, can be shared simultaneously with multiple other devices. No cables are required, so there is no stress, hassle or delay in sharing information.



In addition, the PN-L2B BIG PAD is part of the Synappx-ready range of BIG PADs. It includes the Synappx™ Launcher, which helps you easily set up in-room PC hybrid meetings, including video-conferencing with an optional AV Soundbar, so you can collaborate more effectively.



Effortlessly simple to use

Working smarter not harder means having all the tools you need to succeed within quick and easy reach.

The Sharp PN-L2B BIG PAD offers fast and flexible application access with its integrated Android version 9.0 PC functionality and pre-installed apps.

Even if you are in the middle of an intensive training session or a fast-moving group discussion, you can easily access a range of powerful, but easy to use collaborative tools and applications that support more interactive and effective teamwork and learning:

- **Easily playback** images and video with the integrated Media Player app
- **Brainstorm** using the on-board Whiteboard app without any external PC equipment
- **Annotate** directly on any other external PC or video signal in Overlay Mode
- **Screen share** with any smart mobile device using the integrated wireless connectivity Bytello Share app
- **Quickly access** Internet material, videos and online resources with the in-built Browser app.

You can have everything you need to enable more creative, productive and dynamic ways of working and learning, without having to buy or set-up any additional equipment.

Keeping your data safer

Safeguarding valuable business information is now a real business imperative. So the PN-L2B range of BIG PADs is 'Secure by design'. It includes multi-level data security, which is initially set to offer the lowest level of risk. However, as the functionality is enhanced and your usage progresses you can adjust the level of security and maintain protection at the security level you need.





Specifications

Model name	PN-L862B	PN-L752B	PN-L652B	
LCD component	86" Class (217.4cm diagonal) TFT LCD	75" Class (189.3cm diagonal) TFT LCD	65" Class (163.9cm diagonal) TFT LCD	
LCD Panel	Max. Resolution	3,840 × 2,160 pixels		
	Max. colours	Approx. 1.07 billion colours		
	Pixel Pitch (HxV)	0.4935 mm × 0.4935 mm	0.42975 mm × 0.42975 mm	0.372 mm × 0.372 mm
	Max Brightness *1	350 cd/m ² *1		
	Contrast ratio (typical)	1200:1	5000:1	4000:1
	Viewing Angle	178° right/left/up/down (contrast ratio ≥ 10)		
	Active Screen Area W x H (mm)	1895.0 x 1066.0	1650.2 x 928.3	1428.5 x 803.5
Computer input signal	Analog RGB (0.7 Vp-p) [75 Ω]			
Sync signal	Horizontal/vertical separate (TTL: positive/negative)			
Plug and play	VESA DDC2B			
Input Terminals	Video	Mini D-sub 15 pin, 3 x 1 HDMI x 3, USB Type-C x 1		
	Serial (RS-232C)	D-sub 9 pin x 1		
	Audio	3.5 mm mini stereo jack x 1		
Output Terminals	Audio	3.5 mm mini stereo jack x 1		
USB Port	USB 3.0 compliant x 4, USB 2.0 compliant x 1			
LAN Terminal	10 BASE-T/100 BASE-TX/1000 BASE-T			
Android	OS	Android 9.0		
	CPU	Arm Cortex-A73 (Quad-Core)		
	Memory	4GB		
	Storage	32GB		
Wireless LAN	IEEE 802.11a/b/g/n/ac/ax compliant			
Bluetooth	5.0 compliant, Supported protocols: A2DP, AVRCP, GATT, HID			
Expansion slot	20 V, 3.25 A (power supplied when expanding the functions with an optional part)			
Speakers Output	10W + 10W			
Touch Panel	Detection method	PrecisionTouch technology		
	Multi-Touch	20-Points		
	Protection Glass Thickness	Approx. 3.4 mm Shock resistance: 130 cm ^{*4}		
	Computer connector	USB (3.0 compliant) (Type B) x 2		
Power Requirement	AC 100-240V, 5.3 A, 50/60 Hz	AC 100-240V, 4.1 A, 50/60 Hz	AC 100-240V, 3.6 A, 50/60 Hz	
Operating temperature *2 *3	5°C to 35°C			
Operating humidity *3	20% to 80% (no condensation)			
Power consumption	470W	400W	330W	
Mounting	4 points, 800 x 800 mm pitch, M8 screw	4 points, 800 x 400 mm pitch, M8 screw 4	4 points, 600 x 400 mm pitch, M6 screw	
Dimensions (excluding protrusions) W x D x H (mm)	Approx. 1957 x 85.7 x 1159.5	Approx. 1709.4 x 85.7 x 1019.8	Approx. 1488.4 x 85.5 x 896.6	
Weight (approximate)	62.5 Kg	49.5 Kg	36.5 Kg	
Options	AV Soundbar PN-ZCMS1, Synappx Collaboration Hub, Extended Warranties, Pen Software License extension PN-SU01			
Main Accessories	AC power cord, remote control unit, remote control unit battery (AAA size) × 2, USB cable, passive touch pen x 2, Wireless LAN module, STB rear mount plate			



*1 Brightness will depend on input mode and other picture settings. Brightness level will decrease over time. Due to the nature of the equipment, it is not possible to precisely maintain a constant level of brightness. *2 Temperature condition may change when using the monitor together with the optional equipments recommended by SHARP. In such cases, please check the temperature condition specified by the optional equipments. *3 In addition, check the requirements of the computer and other devices to be connected, and make sure that all requirements are satisfied. *4 Approximate distance at which the glass panel can withstand the impact of a 500-gram iron ball dropped on its centre.

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