

**SHARP**<sup>®</sup>

Be Original.

**PNME432/PNME502**  
**PNME552/PNME652**

MultiSync<sup>®</sup> PNME Series  
Large Format Displays



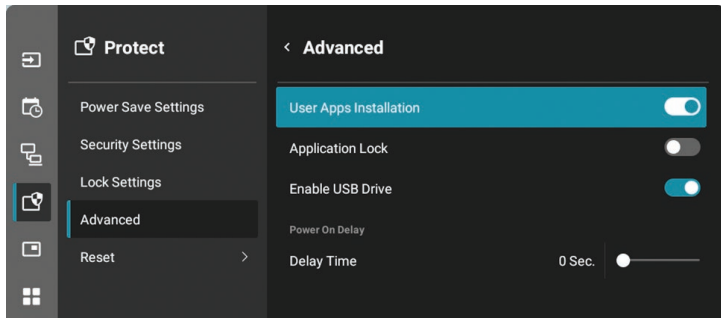


# Cost-conscious digital signage product line

Bring high visual quality when your content matters most for retail, education and corporate installations.

## Powerful System-on-Chip Design to Fit Your Signage Needs

Create pixel-perfect imagery at a cost-conscious price point with the new fully commercial Sharp PNME Series large format displays. By focusing on bringing high-powered, integrated and easy-to-use media playback to the customer while maintaining the proven reliability and quality of the previous products, the PNME series gives customers a reliable mainstream display to fit all of their digital signage needs. The flexible System-on-Chip platform not only allows for high-end media playback via USB or internal storage but since these products are powered by Android 13, they also allow the ability to install separate APK's if a third-party application needs to be installed. On top of this, the updated OSD design includes new and legacy functionality within a brand new aesthetically appealing and stylistic approach.



## High-End Visual Quality

By supporting native 3840 x 2160 resolution with full HDR compatibility across the entire PNME series lineup, imagery and messaging will be more vivid and lifelike than ever before! On top of that, the new high haze panels scatter incidental light that would otherwise take away from messaging shown on the display. This allows your message to be clear and visible in areas where ambient light would usually take away from what really matters most – your content.

## Full Commercial Build

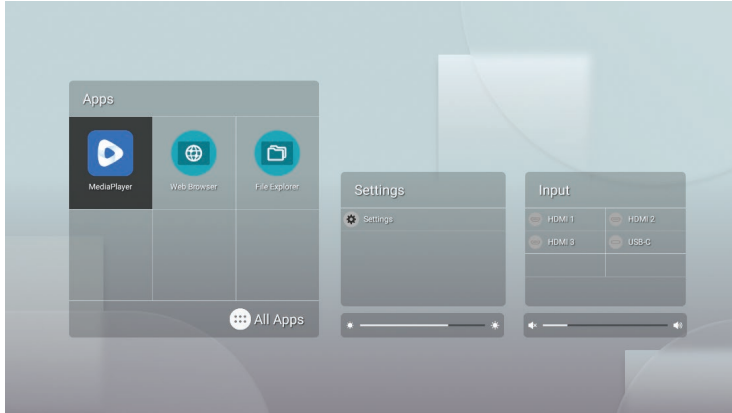
Full metal chassis allows for the ruggedness needed for true commercial environments while integrated carrying handles reduce the likelihood of damage during installation. On top of that, an integrated temperature sensor allows you to monitor internal temperatures in real time. The newly designed mechanical build focused on maintaining reliability while reducing the overall weight of each model compared to predecessor models. These units are up to 33% lighter than previous models. Additionally, these products have an even bezel design along all four sides meaning that the focus will always be on the content on the screen when in either portrait or landscape orientation.





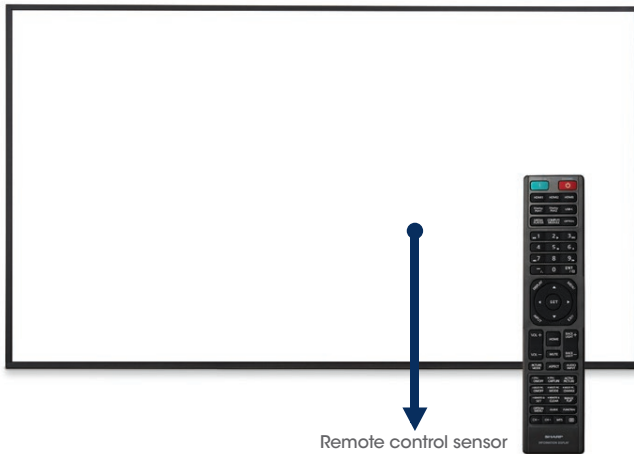
## Home Screen Launcher

The MultiSync PNMExx2 products boot up into a home screen that gives you visual access to app, key settings and input changes right from the start. Integrated web browser functionality can be used for internet access and streaming and File Explorer can be used for navigating through internal or external storage drives. The integrated Media Player gives you access to load files to internal storage or play via USB while content can be scheduled and playlists can be built dependent on when your display is running and what content needs to be shown.



## Centre IR Receiver

An IR receiver is located behind the panel allowing protective overlays or touch to be integrated over the top without needing to worry about how to extend IR for control.



## Control Protocol Support

The new Sharp MultiSync PNMExx2 contains protocol support for both NEC and Sharp legacy products. This means that if you have to replace either an NEC or Sharp product from a previous install, these units can be seamlessly flipped into an existing infrastructure. On top of this, these units support other various protocols depending on the needs of the application.

## NaViSet Administrator 2

NaViSet Administrator 2 is included in all Sharp MultiSync PNMExx2 models. This software is an all-in-one remote support solution that runs from a central location and provides monitoring, asset management and control functionality of Sharp/NEC display devices and Windows computers. It is ideal for multi-device installations over arrays as it allows for task management, reporting and on-demand control options. Control your entire NEC ecosystem through this free optional asset management software!



NaViSet  
Administrator 2



## Input Detect Functionality

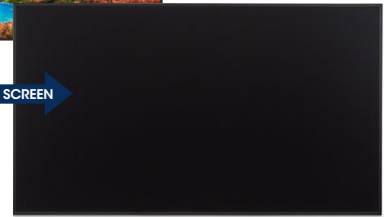
This feature allows for the customer to prioritize up to 3 inputs so that if a primary source goes down, the display will automatically switch to whatever the customer has prioritized next. The first detect option also allows for the display to automatically turn onto any source that plugs into it, allowing the display to wake on any synced signal.

### Typical Display



If the source fails, this results in a blank screen

BLANK SCREEN



### ME Series

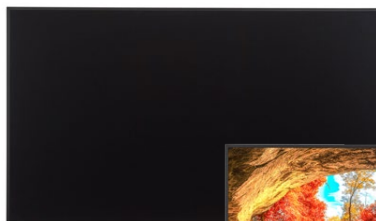


If the source fails, the display automatically switches to the next prioritized source, allowing for zero downtime on the display

AUTOMATIC



### First Detect



Setting the display to First Detect would allow for the display to automatically turn on when any source is plugged into it.

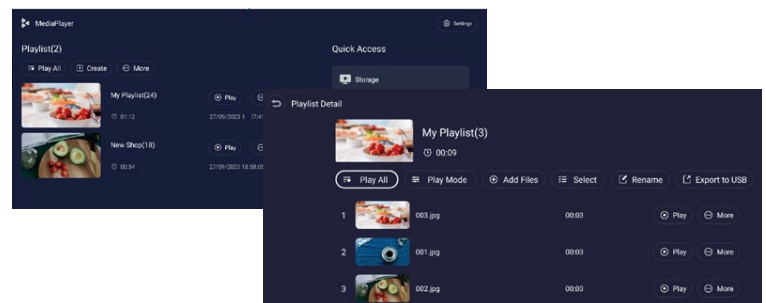
ANY

AUTOMATIC



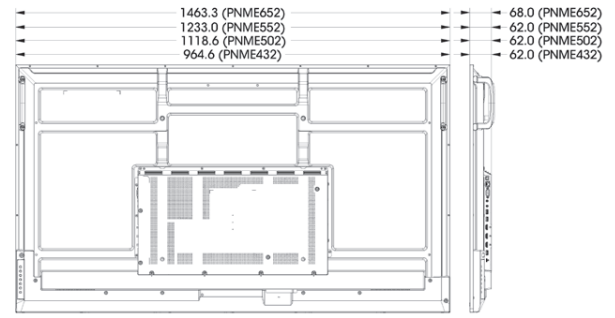
## Integrated Media Player

Build playlists, schedule and play content through a high-end integrated Media Player via integrated storage or USB.



# PNME432/502/552/652 Specifications

		PNME432	PNME502	PNME552	PNME652	
LCD Module	Panel Technology	ADS	VA	ADS	ADS	
	Viewable Image Size	43" Class (42.5" diagonal)	50" Class (49.5" diagonal)	55" Class (54.6" diagonal)	65" Class (64.5" diagonal)	
	Native Resolution	3840 x 2160				
	Brightness	400 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>			
	Contrast Ratio (Typical)	1200:1	5000:1	1200:1		
	Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10				
	Aspect Ratio	16:9				
	Displayable Colours	Over 1.07 Billion (8 bit + FRC)				
	Orientation	Landscape and Portrait (CW Rotation)				
	Panel Haze (%)	25 (Anti-Reflective)				
Connectivity	Input Terminals	Digital	HDMI 2.0 x3, USB-C x1 (DP-Alt Mode Supported)			
		Analog	N/A			
		Audio	N/A			
		External Control	LAN (1000Mbit), 3.5mm Mini Jack IR Remote, RS-232C			
		Data	USB 3.0 x1 (5V/0.9A, Downstream), USB 2.0 x1 (5V/0.5A, Downstream), USB 3.0 x1 (Downstream for USB-C), USB-C x1 (Upstream)			
	Output Terminals	Digital	N/A			
		Analog	N/A			
		Audio	3.5mm Mini Jack, SPDIF Optical			
		External Control	N/A			
		Power Consumption	On (Typ/Max Brightness/All Max)	90W/110W/175W	85W/105W/170W	120W/150W/220W
Network Standby	2W					
Normal Standby	<0.5W					
Current Rating	2.2A - 0.9A @ 100V - 240V		2.0 - 0.8A @ 100V - 240V	2.6 - 1.1A @ 100V - 240V	3.1 - 1.3A @ 100V - 240V	
Speaker Rating	Integrated 10W x 10W, Optional through SP-RM3a					
Physical Specifications	Bezel Width (L/R,T/B)	9.9mm/9.9mm/9.9mm/9.9mm		15.9mm/15.9mm/15.9mm/15.9mm		
	Net Dimensions (Without stand; W x H x D)	38.0 x 21.8 x 2.4 in. 964.6 x 552.5 x 62.0mm	44.0 x 25.2 x 2.4 in. 1118.6 x 639.2 x 62.0mm	48.5 x 27.7 x 2.4 in. 1233.0 x 703.5 x 62.0mm	57.6 x 33.0 x 2.7 in. 1463.3 x 838.3 x 68.0mm	
	Net Weight	9.4kg / 20.7lbs.	11.7kg / 25.8lbs.	13.2kg / 29.1lbs.	49.3kg / 108.7lbs.	
	VESA Hole Configuration	4x M6 x 14mm (200 x 200)	4x M6 x 14mm (400 x 400)	4x M8 x 14mm (600 x 400)		
Internal Player	Operating System	Android 13				
	Processor	ARM Cortex-A55 1.5GHz Quad-Core CPU				
	Storage	32GB ROM (Total Capacity of Storage including OS)				
	Memory	4GB				
Sensors	Ambient Light Sensor	Integrated				
	Human Sensor	Optional (KT-RC3)				
	Temperature Sensor	Integrated				
	NFC Sensor	N/A				
Environmental Conditions	Operating Temperature	0° - 50° C				
	Operating Humidity	20-80%				
	Operating Altitude	5,000m (16,405ft)				
Limited Warranty	3 years Advanced Replacement					
Additional Features	AMX Support, Automated Email Alert Function, CEC Support through all HDMI Connections, ARC through HDMI1, Display Browser Control, Display Wall Calibrator Compatible, HDR Compatible (PQ, HLG, HDR10), Updated OSD Design, MediaPlayer for Android, NaViSet Administrator 2 Compatible, Screen Rotation for Portrait (Home only), Powered USB Ports (5V/3A x1, 5V/2A x2, 5V/0.5A x1), Real Time Clock, Full Scheduler, Quick Start, TileMatrix (5x5), Cisco Webex Compatible (Running Change), Crestron Connected V2 (Running Change), SNMP (Running Change), Integrated Temperature Sensor, Full Input Detect Functionality (First, Last, Custom), Integrated Ambient Light Sensor, Programmable Gamma, Colour Temperature Adjustment (2600K-10000K), Energy Star 8.0, Vacation Switch					
Ships With	3m AC Power Cord, 2.0m HDMI Cable, IR Remote Control, Batteries, AAA Batteries					
Optional Speakers	SP-RM3a					
Optional Stand	ST-43M		ST-65M			
Other Accessories	Human Sensor (KT-RC3)					



## Tabletop Stand

ST-43M (PNME432/ME502/ME552)  
ST-65M (PNME652 - not pictured)



Left Side Connectivity

## Input Panels

- Optical Audio Out (SPDIF)
- LAN (1000MB)
- RS-232C
- Audio Mini-Jack Out
- IR Remote In (Mini-Jack)
- USB 2.0
- USB 3.0
- HDMI 1 (ARC) In
- HDMI 2 In
- HDMI 3 In
- USB 3.0
- USB-C Port (5V/3A)
- Optional slot for WiFi Receiver



Right Side Connectivity

Visit [www.sharp.ca](http://www.sharp.ca) for details.



SHARP ELECTRONICS OF CANADA LTD.  
335 Britannia Road East, Ste. 101  
Mississauga, Ontario L4Z 1W9  
1-800-567-4277 • [www.sharp.ca](http://www.sharp.ca)

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