

## NEC COMMERCIAL LED BACKLIT DISPLAYS

# V SERIES

V323-2 | V423 | V463 | V552 | V652 | V801 LARGE FORMAT DISPLAYS



## Maximum Message. Minimum Expense.

If you are looking to transform your restaurant, shop or business with the added presence and revenue that Digital Signage offers, the V Series by NEC provides professional performance you can trust at a surprisingly affordable price. Benefit from the extra attention and sales these outstanding Full HD displays can bring while operating over longer lifecycles.

It is over 10 years since NEC introduced Large Format LCD displays to the market. Since then they have become a proven technology that helps businesses attract, inform, entertain and even guide customers through a purchasing or informative process. The V Series models combine commercial grade panels with LED backlighting, delivering optimum image quality with impressively low power consumption. The metal chassis and superior build quality guarantee the first class performance you associate with NEC products.

The programmable Ambient Light Sensor ensures the display delivers excellent TCO with less harm to the environment.

### IDEAL FOR RETAIL, QSR, BARS, CONFERENCING AND OFFICES

Affordable, Commercial Grade, 24/7 Performance with Metal Chassis for Improved Reliability.

Covering a wide range from 32" up to 80".

NaViSet Administrator 2 software included for monitoring and controlling NEC displays.

Expansion Ready with the Latest OPS Integration Slot as Standard.

Strong Ecological Features with LED Backlighting, Ambient Light Sensor, ECO Modes and Scheduling for lower TCO and Longer Lifecycles.

**IDEAL FOR RESTAURANT AND FAST FOOD APPLICATIONS**

Everything you need to complete your order. NEC V Series displays are an integral part of restaurateurs digital solutions. Displaying calorific information is easy and dynamic and in-store advertising can be easily adapted to match the needs of the business.

Automatic input detect allows built-in system redundancy to ensure that your menu will always be displayed.

Professional user controllable heat management delivers best in class reliability.

Professional Full HD panels with up to 500 cd/m<sup>2</sup> brightness enable captivating superior quality images to capture customer attention and increase trade.



**All New Design**

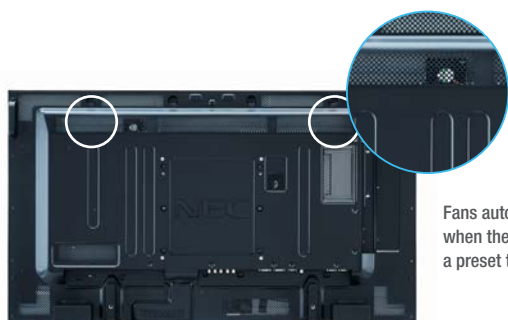
Incorporating LED backlighting, V Series displays are slimmer and lighter and more environmentally friendly, enhancing establishments with sophisticated style and seamless integration. Reduced product weight improves installation options with more ease and flexibility and decreases shipping costs. Versatile 5 Point Touch and low reflection Protective Glass versions allow for flexible placement and advanced interactivity maximises the visitor experience.



Narrower Bezel and reduced depth for more elegant installation

**Advanced Thermal Management**

The V Series incorporates a Metal Chassis and Advanced User Controllable Fan System that help prolong up-time and useful life of the display.



Fans automatically running when the display operates over a preset temperature

**OPS Expansion and Upgrade Ready**

Future-proof your display with the NEC option slot. This slot provides connectivity for Open Pluggable Specification (OPS)-compliant devices, creating a seamless integration across a variety of accessories.



SBC OPS Boards are ideal for playing scheduled in-store content



A WiDi OPS device is ideal for High Quality Conferencing

- OPS is the first industry-wide standardisation of option slot accessories geared to simplify installations, use and maintenance of digital signage.
- No external connections required – HDMI video, stereo audio, RS-232 control and power are all passed internally from the display to the OPS device.
- Simple integration and maintenance results in easier and less expensive installations and operation.
- Upgrade with Single Board Computers, HD-SDI, WiDi and more.

**IDEAL FOR VIDEO-CONFERENCING**

V Series displays with affordable, 24/7 performance are ideal for meeting room applications with a wide range of screen sizes, excellent image quality and conference ready multimedia capabilities.

Built-in 10 watt speakers deliver excellent audio performance. Optional external high-end 40 watt speakers ideal for video conferencing.

Sizes from 32" to 80" available.

Shallow depth and thinner bezels provide more elegant installations.

Various wall mounts and mobile video conference trolleys available.

**IDEAL FOR RETAIL APPLICATIONS**

Maximize messaging and connect on a new level with in-store customers. Whether its promoting the latest sale, pointing shoppers in the right direction or communicating the latest price information, the NEC V Series effectively delivers your message without breaking the bank.

The impressively featured touch versions give customers an immediate and intuitive interaction with the store, while protection glass models extend installation possibilities to high visibility, high footfall zones.

Landscape and portrait orientations enable design flexibility for seamless in-store installation.

High brightness and contrast ratio deliver stunning imagery.

Built-in text ticker can display valuable information across a user-defined portion of the screen.



**Future Ready Connectivity**

A wide range of connectors, extensive control and diagnostic communication provide the highest level of remote management:

- Comprehensive input panel connects to latest peripherals with HDMI, DisplayPort and DVI all available.
- RS-232 and LAN connectivity allow individual and group-addressable control, including email diagnostics.
- A custom input detect feature that supports an automated content back up solution.

**Commerce Ready Performance**

Extended use with a high-performance Commercial Grade Panel and design:

- LED backlighting delivers both environmental and economic benefits.
- NEC unique thermal monitoring and control. NEC 'pioneered' advanced thermal control and monitoring for Large Format Displays, which is still unmatched by our competitors, secures longevity and reliability even in very demanding installations.
- User Fan controls include Fan speed and Fan trigger point control.
- Metal chassis assists better heat dissipation and rigidity.
- Superior image, high brightness and contrast.
- User temperature monitoring via OSD, LAN (incl. SNMP) and via RS-232 connection
- Internal built-in 10W speakers enable a simplified installation.
- Low reflection rate for better readability in high bright environments.



**Convenience and Flexibility**

- Expanded connectivity with built-in expansion slot for upgradability.
- Integrated speakers save installation costs and improve appearance.
- Protective-glass and touch-panel ready design provide opportunities for module security and interactivity upgrades.
- Landscape and portrait orientations allow for flexible content placement to maximize audience awareness.
- Daisy chain capability for up to 9 displays is ideal for videowall or back to back installations.
- Reduce installation costs with copy settings via RS-232 on large roll outs or benefit from NaViSet Administrator 2 for remote control and monitoring.
- V Series can automatically send an email to a specified address in case a problem is detected. This feature helps detect potential failure pro-actively to reduce downtime.

**ECO Efficiency and Innovation**

Not all backlights are created equal. Loaded with state-of-the-art innovation, V Series displays incorporate LED backlights that deliver an array of benefits.

Lower power consumption leads to a reduced total cost of ownership.

LED backlights increase durability.

Lighter, thinner products increase installation options and decrease installation and shipping costs.

Programmable Ambient Light Sensor and ECO Scheduling enable further power savings.



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# V SERIES



## V323-2 | V423 | V463 | V552 | V652 | V801 LARGE FORMAT DISPLAYS

MODEL VARIATIONS	V323-2	V423	V463	V552	V652	V801
Order Code	60003849	60003397	600033394	60003396	60003395	60003482
Panel Technology / Backlight	SIPS / Edge LED	SIPS / Edge LED	AMVA3 / Edge LED	AMVA3 / Edge LED	AMVA3 / Edge LED	UV <sup>2</sup> A / Edge LED
Screen Diagonal [inch/cm]	32 / 80	42 / 107	46 / 117	55 / 140	65 / 165	80 / 203
Optimum Resolution	1920 x 1080					
Aspect Ratio	16:9					
Brightness [cd/m <sup>2</sup> ]	450 / 173 Eco (shipment setting)	450 / 173 Eco (shipment setting)	500 / 171 Eco (shipment setting)	450 / 173 Eco (shipment setting)	450 / 173 Eco (shipment setting)	460 / 172 Eco (shipment setting)
Contrast Ratio (typ.)	1300:1		4000:1			5000:1
Viewing Angle (V/H) [°]	178 / 178					176 / 176
Expansion Slot	OPS					
Orientation	Landscape / Portrait					
Inputs Digital	DisplayPort, HDMI, DVI-D					
Inputs Analog	D-Sub15 (PC RGB, Component, S-Video, Composite) Composite (BNC)			D-Sub, 5 BNC (RGBHV, Component, S-Video or Video), BNC Composite		
Inputs Audio	Stereo Mini-Jack, HDMI Audio, DisplayPort Audio					
Outputs Audio	Stereo Mini-Jack	Stereo Mini-Jack, External Speaker Terminal				
Outputs Digital and Analog	DVI-D					
Control	RS-232C, IR Remote, LAN with SNMP					
Power Consumption [W]	37 Eco (shipment setting), 60	60 Eco (shipment setting), 115	43 Eco (shipment setting), 100	57 Eco (shipment setting), 130	95 Eco (shipment setting), 255	119 Eco (shipment setting), 300
Depth [mm]	94	68	65	64	88	86
Bezel Width (Top/ Bottom / Left, Right)[mm]	40.3 / 43.2	18.3 / 18.3	18.3 / 18.3	18.3 / 18.3	50.5 / 53.5	29.7 / 29.7
Dimensions (W x H x D) [mm]	750 x 444 x 60	973 x 565 x 68	1,058 x 613 x 65	1250 x 720 x 64	1540 x 909 x 88	1836 x 1061 x 86
Weight (without stand) [kg]	9	16.8	18.9	26.5	52.0	61.5
Speakers	2 x 8W	2 x 10W				
Operating hours	24/7					
Warranty	3 years, optional 4. + 5. years warranty extension					

SPECIALITY MODELS	V323-PG	V423-TM	V463-TM	V552-TM	V652-TM	V801-TM
Order Code	60003713	60003550	60003551	60003678	60003553	60003679
Description	Protective Glass version of V323	Multi-Touch version of V423	Multi-Touch version of V463	Multi-Touch version of V552	Multi-Touch version of V652	Multi-Touch version of V801
Operating hours	16/7					



**NaViSet Administrator 2**  
FREE Download of  
Multi-Display Management  
Software

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Empowered by Innovation

