

# NEC MultiSync® V323-MT (MultiTouch)

Order Code: V323-MT

NEC LCD 32" Large Format Touch Screen

NEC MultiSync® V323-MT is the new multi-touch product of NEC's V Series boasting 32" in size and delivering true multi-touch support with up to 6 simultaneous touch points. Thanks to a unique anti reflective coating, reflections are reduced to a minimum which significantly increases the readability of the content shown. The OPS option slot for e.g. a slot-in PC helps to save space and does away with any cables including the USB cable external PC solutions may need.

V323-MT is ideal for retail signage, conference room and education applications delivering short response times and a high level of accuracy.



## DELIVERING GENUINE BENEFITS

**Multi-Touch** - true multi-touch support with up to 6 simultaneous touch points, gesture control for Windows 7/8, Mac and Linux driver support.

**Optical Camera Technology** - with 4 integrated cameras for quick touch response and perfect usability.

**Comprehensive Touch Usage** - possible usage with Finger, Stylus and Gloves.

**Protective Glass** - single anti-reflection coating for perfect visibility, full-tempered glass for security.

**Future Ready with OPS Cable Free Expansion** - Upgrade the power of your display at any time without the need for external cables or devices.

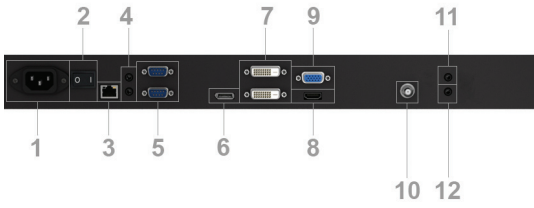
**Free DisplayNote Presenter Licence** - present, share, collaborate with multiple participants across multiple devices (limited availability).

**Free Download of Multi-Display Management Software** - with NaViSet Administrator 2 you can manage all your connected display devices from a centralised location.



## OUTSTANDING PERFORMANCE

- **NEC unique thermal monitoring and control.** NEC pioneered advanced thermal control and monitoring for public displays which is still unmatched. It secures longevity and reliability even in very demanding installations.
- **NEC's OPS technology** which was developed in cooperation with Intel enables the user to integrate various option boards enhancing flexibility and future functionality.
- **Peace of mind** thanks to full control of the display via LAN with free NEC software and alert emails in the unlikely event of a problem such as no signal, overheating, back light failure etc.
- **Integrated speakers** save installation costs and preserve the clean look of the display.
- **Daisy chaining via DVI** (max. 9 pieces) offering high flexibility at no extra cost if the signal needs to be passed on for videowalls or back-to-back installations.
- **Copy Settings** feature via RS232 to reduce installation cost for larger roll outs.



- 1. Power (AC in)
- 2. Main switch (on/off)
- 3. LAN with SNMP
- 4. Remote Control in / out
- 5. External control RS-232 in / out
- 6. DisplayPort in
- 7. DVI in / out
- 8. HDMI in
- 9. RGB in
- 10. Composite in
- 11. Audio out
- 12. Audio in

**SPECIAL CHARACTERISTICS**

Advanced fan control, Automatic Alarm E-Mails, Copy display settings through RS232, DICOM support, FREE DisplayNote Presenter, Hardware colour calibration possible, Input name adjustment, Matrix memory, NaViSet Administrator 2, Optional external programmable ambient light sensor, OSD rotation for portrait mode, PIN as theft protection, Rapid input switching, Scheduler, Screen saver functions, TileMatrix (10 x 10), User input priority definition, Various picture in picture options



- Energy Efficiency**      ECOMode
- Ecological Materials**      Optional feet; Manuals on CD

**NEC V323-MT Large Format Display Touch Screen**

<b>DISPLAY</b>	
Panel Technology	S-IPS with Edge LED backlights
Active Screen Area (W x H) [mm]	698.4 x 392.9
Screen Size [inch/cm]	31.5 / 80
Aspect Ratio	16:9
Brightness (shipping) [cd/m <sup>2</sup> ]	320, (450 max)
Contrast Ratio (typ.)	1300:1
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Response Time [ms]	8 / 12 / 25 (depending on Image Response setting)
Panel Refresh Rate [Hz]	60
<b>SYNCHRONISATION RATE</b>	
Horizontal Frequency [KHz]	31.5 - 91.1 (analogue and digital)
Vertical Frequency [Hz]	50 - 85
<b>RESOLUTION</b>	
Native Resolution	1920 x 1080 at 60 Hz
Supported on digital and analogue inputs (PC)	1920 x 1080; 1600 x 1200; 1360 x 768; 1280 x 1024; 1280 x 768; 1024 x 768; 832 x 624; 800 x 600; 720 x 400; 640 x 480; 640 x 400
Supported on digital inputs (Video)	1920 x 1080i (59.94/60)16:9; 1920 x 1080p (59.94/60)16:9; 1920 x 1080p (50) 16:9; 1920 x 1080p (23.97/24)16:9; 1920 x 1080p (25)16:9; 1920 x 1080p (29.97/30)16:9; 1280 x 720p (50)16:9; 720 x 576p (50)16:9; 720 x 480p (59.94/60)16:9
<b>CONNECTIVITY</b>	
Input Video Analogue	D-Sub15 (PC RGB, Component, S-Video, Composite) Composite (BNC)
Input Video Digital	1 x DVI-D (with HDCP); 1 x HDMI 1.3 (with HDCP); 1 x DisplayPort (with HDCP)
Input Audio Analogue	1 x 3,5 mm jack
Input Audio Digital	DisplayPort; 1 x HDMI
Input Control	LAN 100Mbit; remote control wire (3,5mm jack); RS232
Output Video Digital	1 x DVI-D (with HDCP)
Output Audio Analogue	3,5mm jack
Output Control	remote control wire (3,5mm jack); RS232
Remote Control	LAN with SNMP; RS-232C (9-pin D-sub) Input and Output; Remote Control IR (internal/external (optional) sensor)
<b>OPS OPTION SLOT</b>	
Slot Technology	Open pluggable specification (NEC / Intel OPS standard)
Inrush Current [A]	max. 10
Power Consumption [W]	max. 61
Voltage / Current [V/A]	16/0
<b>ELECTRICAL</b>	
Power Consumption on Mode [W]	50 shipping; 155 (max.)
Power Savings Mode [W]	< 0.5 (ECO Standby); < 1
Power Management	VESA DPMS
<b>ENVIRONMENTAL CONDITIONS</b>	
Operating Temperature [°C]	+0 to +40
Operating Humidity [%]	20 to 80
Storage Humidity [%]	10 to 90
Storage Temperature [°C]	-20 to +60
<b>MECHANICAL</b>	
Dimensions (W x H x D) [mm]	Without stand: 788 x 477 x 98
Weight [kg]	Without stand: 20
Bezel Width [mm]	43.2 (left and right); 40.3 (top and bottom)
VESA Mounting [mm]	200 x 200 (FDMI); 4 holes; M6
<b>AVAILABLE OPTIONS</b>	
OPS	HD-SDI 1.5G, 3G; HDBaseT receiver; Intel® Atom, Celeron and Core CPUs; WiDi receiver
Accessories	Wall mounts (LSMU, LTMU, LTAPU)
<b>ADDITIONAL FEATURES</b>	
Colour Versions	Black Front Bezel, Black Back Cabinet
Safety and Ergonomics	BSMI; C-tick; CE; EAC; FCC Class B; KC/KCC; PSB; SASO; TÜV GS; TÜV S; UL/C-UL or CSA; VCCI
Plug and Play	VESA DDC2Bi
Audio	Integrated Speakers (8 W + 8 W)
Shipping Content	Display; Power Cable; VGA cable; Free LAN control software (download); Remote Control
Warranty	3 year conditional warranty incl backlight & touch integration

For more information, visit [www.nec.com.au](http://www.nec.com.au), email [contactus@nec.com.au](mailto:contactus@nec.com.au) or call 131 632