

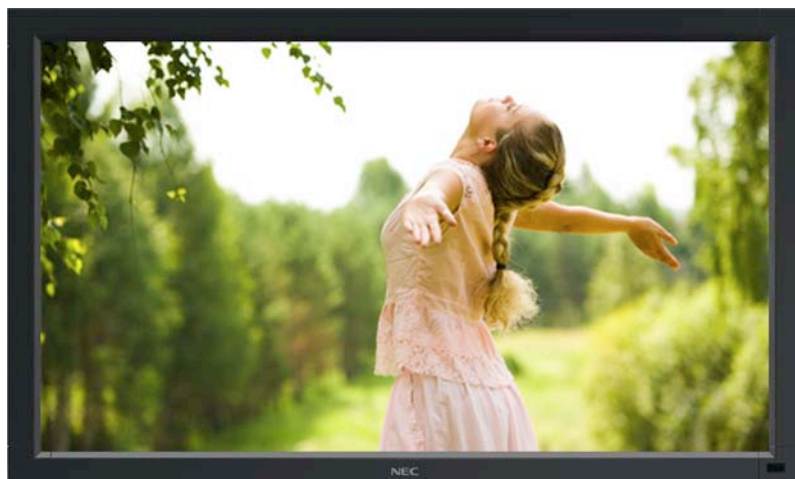
# NEC MULTISYNC® V321 DST

ORDER CODE: 60003017

NEC LCD 32" Public Display with DST touch

**V321 DST NEC Public Display.** This product line represents a solution for customers looking for good value for money with high expectations in reliability and longevity. The DST version of V-Series is the perfect touch solution when a reliable and robust touch application is called for. A LAN interface for monitoring and controlling along with an HDMI interface makes this a feature rich value product.

An ideal solution for retail signage, way finding or museum applications.



V-SERIES PUBLIC DISPLAY

## DELIVERING GENUINE BENEFITS

**V-Series** With DST Touch technology can be used with bare hands or gloves and sensitivity is not affected by dirt, grease or scratches.

**Digital signage** Made easy with NEC Digital Signage Software.

**NEC offers the latest interface standards** To make sure even new signals or interfaces can be used with V-Series displays.

**NEC Public Displays** Are designed to meet your environmental requirements by minimizing power consumption and waste.

**V-Series products** Are designed to last and offer trouble free operation. Control and monitoring features are best in class.

**A well structured OSD** And intuitive controls reduce installation cost and therefore overall total cost of ownership (TCO).



## OUTSTANDING PERFORMANCE

- **3M DST TECHNOLOGY** Is very robust and does not require special input device or clean surfaces thanks to technology which relies on "bending waves" for locating the point of contact with the surface.
- **HDMI** Along with a LAN interface for control of the screen are unique in this combination in a public display and secure future proofness.
- **FREE DIGITAL SIGNAL SOFTWARE** V-Series comes with free digital signage software which is available for free download.
- **INSIDE TEMPERATURE** Information on the inside temperature through OSD and user fan control are unique and secure unparalleled reliability of NEC V-Series. The displays can send alarm emails via free NEC LAN software in the unlikely event of a problem.

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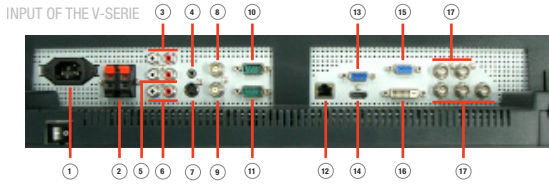
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- |                             |              |
|-----------------------------|--------------|
| ① AC In                     | ⑨ Video In   |
| ② External Speaker Terminal | ⑩ RS232C Out |
| ③ Audio Out                 | ⑪ RS232C In  |
| ④ Audio In 1                | ⑫ LAN (RJ45) |
| ⑤ Audio In 2                | ⑬ RGB Out    |
| ⑥ Audio In 3                | ⑭ HDMI In    |
| ⑦ S-Video In                | ⑮ VGA In     |
| ⑧ Video Out                 | ⑯ DVI in     |
|                             | ⑰ RGB/HV In  |

Technical Specifications MultiSync® V321			
<b>DISPLAY</b>			
Panel Technology	S-PVA TFT		
Active Screen Area	697.7 x 392.3 mm		
Screen Size	31.5 inch / 80 cm		
Pixel Pitch	0.511 x 0.511 mm		
Brightness (typical)	450 cd/m <sup>2</sup>		
Contrast (typical)	3000:1		
Viewing Angle	158° horizontal / 158° vertical (typ. at contrast ratio 10:1)		
Response Time (typical)	8 ms (grey-to-grey)		
<b>SYNCHRONIZATION RANGE</b>			
Horizontal	31.5 - 91.1 kHz (analog and digital)		
Vertical	50 - 85 Hz		
<b>RESOLUTION</b>			
Native	1360 x 768 at 60 Hz		
Supported	1920 x 1080 1600 x 1200	832 x 624 800 x 600	720 x 400 640 x 480
<b>INPUTS</b>			
Video Input	Analog: RGBHV (S-Video); Composite (BNC); Component (BNC); 1 x S-Video; 1 x D-sub 15 pin; Digital: 1 x DVI (HDCP); 1x HDMI		
Video Output	Analog: 1 x D-sub 15 pin; Composite out (BNC)		
Audio Input	2 x Cinch (RCA); 1 x Head-jack 3.5 mm		
Audio Output	1 x amplified speaker signal; 1 x Cinch (RCA)		
<b>REMOTE CONTROL</b>			
LAN; RS-232C (9-pin D-sub) Input and Output; D-sub 15 and DVI-D (DDC/CI); Remote Control IR			
<b>SUPPORTED TV STANDARDS (no tuner)</b>			
SECAM; PAL; NTSC			
<b>VIDEO MODES (no tuner)</b>			
480i; 480p; 576i; 576p; 2 x720p (50 and 60 Hz); 2 x 1080i (50 and 60 Hz)			
<b>POWER CONSUMPTION</b>			
Typical	100 W		
Maximum	140 W		
Power Savings Mode	< 2 W standby		
Power Management	VESA DPMS		
Power Requirements	100-120 V/220-240 V; 1,4 A/0,6 A; internal power supply		
<b>ENVIRONMENTAL</b>			
Operating Temperature	5 to 40° (Landscape); 5 to 35° (Portrait)		
Operating Humidity	20 to 80 %		
Storage Humidity	10 to 90%		
<b>DIMENSIONS (W x H x D) w/o stand (net)</b>			
789 x 476,3 x 138 mm			
<b>WEIGHT w/o stand (net)</b>			
17.1 kg			
<b>BEZEL WIDTH</b>			
top / bottom: 44.2 mm; left / right: 40.5 mm			
<b>COLOUR VERSIONS</b>			
Black Front Bezel, Black Back Cabinet			
<b>AVAILABLE OPTIONS</b>			
Option Slot	No		
Speakers	7 + 7 W		
Wall Mount	W32-70 or WS32-52L/P		
Stand	ST-3215		
<b>AVAILABLE SOFTWARE</b>			
NaViSet® et NaViSet® Administrator compatible; NEC Digital Signage Software			
<b>OTHERS</b>			
Safety and Ergonomics	CE; TÜV GS; C-tick; FCC Class B; UL/C-UL or CSA; CCC; PSB; VCCI; RoHS; Energy Star 5.0		
Plug & Play	VESA DDC2B		
VESA Mounting	400 x 200 (FDMI); 12 holes / 100 mm spacing		
<b>TOUCH SPECIFICATIONS</b>			
Input method	Finger and stylus input		
Light transmission**	92% light transmission (±2%)		
Substrat material	Chemically-strengthened glass substrate		
Surface obstructions	Touch screen operation withstands surface contaminants such as dirt, dust and grime		
Communications protocol	USB HID		
Driver	MicroTouch MT7 for MicroTouch DST driver for Microsoft® Windows® 2000 / XP / VISTA, HID-compliant		
<b>WARRANTY</b>			
3 years warranty incl. backlight			
For additional pictures and Solutions overview, Visit <a href="http://www.nec-display-solutions.com">www.nec-display-solutions.com</a> for details.			



**Reduce Consumption:** Optional feet  
**Ecological Standard:** ErP Compliant  
 Energy Star 5.0

Save printing waste. All NEC Datasheets are available for download at our website [www.nec-display-solutions.com](http://www.nec-display-solutions.com)

\*\* Test uses BYK Gardner Haze Gard Plus.