

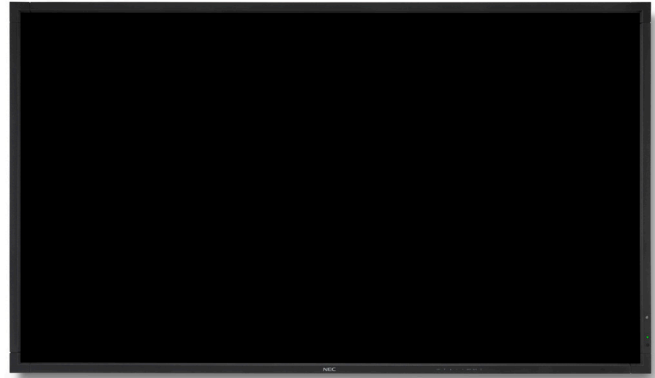
# NEC MultiSync® P552 DST

Order Code: 60003378

NEC LCD 55" Public Display

**The MultiSync® P552 DST follows the tradition of NEC's professional Public Display line.** Certified for long periods of operation, the screen is equipped with a rich and unparalleled feature set, completed by an abundance of interfaces no other product on the market can match. The DST version of P Series is the perfect touch solution when a reliable and robust touch application is called for. In combination with NEC Slot-In PCs it is a clean looking and almost cable-less solution.

An ideal solution for interactive applications requiring single touch technology, such as product promotions, way finding and any kind of self service.



## DELIVERING GENUINE BENEFITS

**DST - Dispersive Signal Technology** - increases touch accuracy by accommodating objects resting on the screen, enhances the user's ease of operation through stylus independence and requires no recalibration in either a vertical (portrait and landscape) or horizontal position (tabletop).

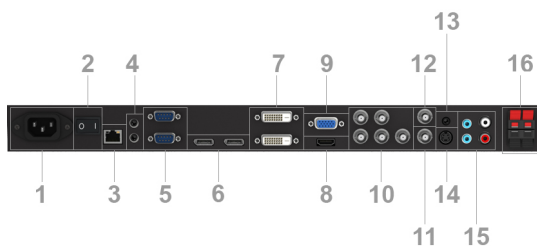
**3M DST Technology** - very robust and does not require special input device or clean surfaces thanks to technology which relies on "bending waves" for locating the point of contact with the surface.

**Public Displays DST Solutions** - work in combination with NEC Slot-in PC without any external PC. It can be extended with additional interfaces and playback devices through the option slot which avoid additional cables and mounting brackets.

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

## OUTSTANDING PERFORMANCE

- **Programmable Ambient Light Sensor** - for reduced power consumption and eye pleasing brightness levels.
- **Uniform and controlled heat management** enables the user to monitor and control the heat inside the display with user controllable fans. Heat management is crucial for larger walls and mission critical installations to secure reliability and longevity.
- **NEC's dual slot technology** allows for the integration of single board computers and other option slot products without the need to stow external equipment.
- **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 screen.



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. RGB HV in (RGB, Component, Composite)
11. Composite in
12. Composite out
13. Audio out
14. S-Video in
15. Audio in
16. External speaker

## SPECIAL CHARACTERISTICS

Advanced fan control, Copy display settings through RS232, DICOM support, Hardware colour calibration possible, Input name adjustment, Matrix memory, OSD rotation for portrait mode, PIN as theft protection, Programmable ambient light sensor, Rapid input switching, Scheduler, Screen saver functions, TileMatrix (10 x 10), User input priority definition



**Energy Efficiency** Ambient light sensor; Carbon savings meter;  
ECOMode

Technical Specification NEC MultiSync® P552 DST	
<b>DISPLAY</b>	
Panel Technology	S-PVA with CCFL backlights
Active Screen Area (W x H) [mm]	1,209.6 x 680.4
Screen Size [inch/cm]	55 / 138.8
Aspect Ratio	16:9
Brightness (shipping) [cd/m²]	450, (600 max)
Contrast Ratio (typ.)	4000:1
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Response Time (typ.) [ms]	8 (grey-to-grey)
Panel Refresh Rate [Hz]	60
<b>SYNCHRONISATION RATE</b>	
Horizontal Frequency [kHz]	31.5 - 91.1 (analog and digital)
Vertical Frequency [Hz]	25.2 - 85
<b>RESOLUTION</b>	
Native Resolution	1920 x 1080 at 60 Hz
Supported	1024 x 768; 1280 x 1024; 1280 x 720; 1280 x 768; 1280 x 800; 1280 x 960; 1366 x 768; 1400 x 1050; 1600 x 1200; 1680 x 1050; 1920 x 1080; 640 x 480; 720 x 400; 720 x 576; 800 x 600
Supported on digital inputs (Video)	1280 x 720p (50/16:9; 1280 x 720p (59.94/60)16:9; 1920 x 1080i (50)16:9; 1920 x 1080i (59.94/60)16:9; 1920 x 1080p (23.97/24)16:9; 1920 x 1080p (25)16:9; 1920 x 1080p (29.97/30)16:9; 1920 x 1080p (50)16:9; 1920 x 1080p (59.94/60)16:9; 720 x 480p (59.94/60)16:9; 720 x 576p (50)16:9
<b>CONNECTIVITY</b>	
Input Video Analogue	1 x D-sub 15 pin; 1 x S-Video; Composite (RCA); RGBHV for PC and Component/ 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	2 x Cinch (RCA); 1 x 3,5 mm jack
Input Audio Digital	1 x HDMI
Input Control	LAN 100Mbit; remote control wire (3,5mm jack); RS232
Output Video Analogue	Composite (BNC)
Output Video Digital	1 x DisplayPort (with HDCP); 1 x DVI-D (with HDCP)
Output Audio Analogue	3,5mm jack
Output Control	remote control wire (3,5mm jack); RS232
Option Slot Technology	Dual Slot (STv1 + STv2); (STv2 compatible with Intel / NEC OPS standard)
Remote Control	LAN with SNMP; RS-232C (9-pin D-sub) Input and Output; Remote Control IR (internal/external (optional) sensor)
<b>ELECTRICAL</b>	
Power Consumption on Mode [W]	255 shipping; 412 (max.)
Power Savings Mode [W]	< 0.5 (ECO Standby); < 1
Power Management	VESA DPMS
<b>ENVIRONMENTAL CONDITIONS</b>	
Operating Temperature [°C]	+5 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: 1,250.2 x 721 x 132.4
Weight [kg]	Without stand: 49.5
Bezel Width [mm]	16.5 (left and right); 16.5 (top and bottom)
VESA Mounting [mm]	400 x 400 (FDMI); 4 holes; M6
<b>AVAILABLE OPTIONS</b>	
Option Slot	Built-in PC; CAT 5 receiver; DVB-Tuner; DVI daisy chain board; HD-SDI board; Media Player
Accessories	Feet (ST-5220); Speaker (SP-RM1); Wall mount (WMS32-55 L/P); Wall mount (WMS32-70)
<b>ADDITIONAL FEATURES</b>	
Colour Versions	Black Front Bezel, Black Back Cabinet
Safety and Ergonomics	CE; RoHS
Audio	Integrated Speakers (10 W + 10 W); Optional Speakers (15 W + 15 W)
Shipping Content	Display; interface cover; Power Cable; VGA cable; Remote Control (IR); CD-ROM (User Guides/Manuals)
Warranty	3 years warranty incl. backlight
<b>TOUCH</b>	
Protection Glass	Chemically-strengthened glass substrate
Input Method	Finger; Stylus; Gloves
Light Transmission [%]	92 (+/-2%)
Reflection Rate [%]	Anti-glare tech (low reflection)
Driver	MicroTouch MT7 for MicroTouch DST driver for Microsoft®; Windows 7; Windows® 2000/XP/VISTA; HID-compliant
Communication Protocol	USB-HID