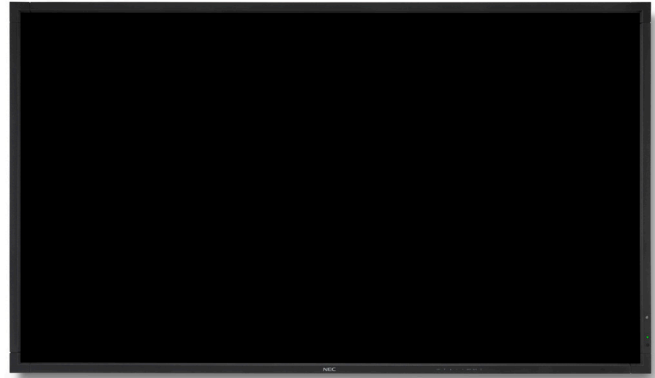# NEC MultiSync® P552

Order Code: 60003173 | **NEC LCD 55" Public Display**

The MultiSync P552 follows the tradition of NEC's professional public display line. The 24/7 proof 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 MultiSync P552 is a Reference Public Display, ideal for reliability, connectivity, flexibility and user friendliness.

Designed for a wide array of applications such as retail signage including 24/7, transport applications, control room applications, conference rooms, lobby / reception installations and integration in totems and furniture, the MultiSync P552 offers flexible installation combined with industry leading performance.

DELIVERING GENUINE BENEFITS

DICOM support- for medical applications.

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.
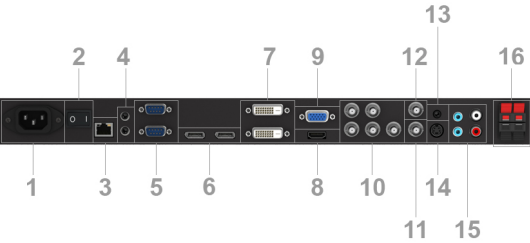
Functionality - can be extended with additional interfaces and playback devices through the option slot which avoid additional cables and mounting brackets.

Programmable Ambient Light Sensor - for reduced power consumption and eye pleasing brightness levels.

Ease of Installation and Operation - free LAN control software for central, convenient and cost-efficient maintenance and control. Automatic alarm emails notify the user of problems if they should occur.

OUTSTANDING PERFORMANCE

- **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.

- **Daisy chaining** via DVI (max. 9 pieces) and DisplayPort (max. 25 pieces) offering high flexibility at no extra cost if the singal needs to be passed on for videowalls or back-to-back installations

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, Daisy chaining via DVI (max. 9 units) and DisplayPort (max. 25 units), 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, Various picture in picture options

Energy Efficiency	Ambient light sensor; Carbon savings meter; ECOMode
Ecological Materials	Optional feet; Manuals on CD
Ecological Standards	Energy Star 5.1

Technical Specification NEC MultiSync® P552	
DISPLAY	
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/m^2]	500, (700 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
SYNCHRONISATION RATE	
Horizontal Frequency [kHz]	31.5 - 91.1 (analog and digital)
Vertical Frequency [Hz]	50 - 85
RESOLUTION	
Native Resolution	1920 x 1080 at 60 Hz
Supported on digital and analogue inputs (PC)	1024 x 768; 1280 x 1024; 1280 x 720; 1280 x 768; 1280 x 800; 1280 x 960; 1366 x 786; 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
CONNECTIVITY	
Input Video Analogue	1 x D-sub 15 pin; 1 x S-Video; Composite (BNC); 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	Display Port; 1x 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
Remote Control	LAN with SNMP; RS-232C (9-pin D-sub) Input and Output; Remote Control IR (internal/external (optional) sensor)
OPTION SLOT	
Slot Technology	Dual Slot (STv1 + STv2)
ELECTRICAL	
Power Consumption on Mode [W]	255 shipping; 410 (max.)
Power Savings Mode [W]	< 0.5 (ECO Standby); < 1
Power Management	VESA DPMS
ENVIRONMENTAL CONDITIONS	
Operating Temperature [°C]	+5 to +40
Operating Humidity [%]	20 to 80
Storage Humidity [%]	10 to 90
Storage Temperature [°C]	-20 to +60
MECHANICAL	
Dimensions (W x H x D) [mm]	Without stand: 1,250.2 x 721 x 125.4
Weight [kg]	Without stand: 40
Bezel Width [mm]	18.5 (left and right); 18.5 (top and bottom)
VESA Mounting [mm]	400 x 400 (FDMI); 4 holes; M6
AVAILABLE OPTIONS	
Option Slot	Built-in PC; CAT 5 receiver; DVBT-Tuner; DVI daisy chain board; HD-SDI board; Media Player
Accessories	Feet (ST-5220); Speaker (SP-RM1); Wall mount (WM32-70 L/P); Wall mount (WMS 32-55 L/P)
ADDITIONAL FEATURES	
Colour Versions	Black Front Bezel, Black Back Cabinet
Safety and Ergonomics	CE; TÜV GS; C-tick; FCC Class B; UL/C-UL or CSA; PSB; VCCI; 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; CD-ROM (User Guides/Manuals)
Warranty	3 years warranty incl. backlight

Empowered by Innovation

NEC