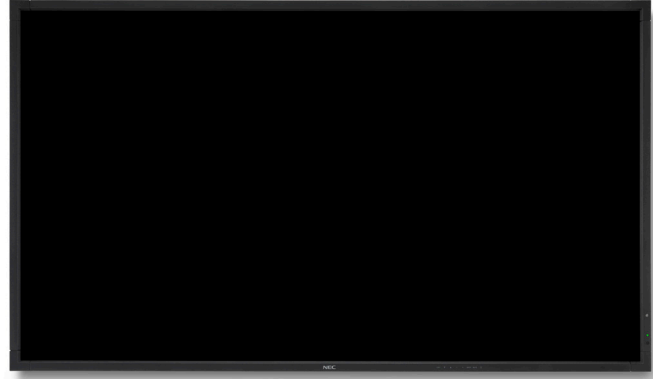# NEC MultiSync® P552 PG (Protective Glass)

Order Code: 60003254 | **NEC LCD 55" Large Format Display**

The **MultiSync P552 with protection glass** 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 with protection glass 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 with protection glass offers flexible installation combined with industry leading performance.

DELIVERING GENUINE BENEFITS

Effective protection - of the LCD panel with 4mm hardened safety glass and anti reflection coating.

Functionality - can be extended with additional interfaces and playback devices through the option slot which avoid additional cables and mounting brackets.
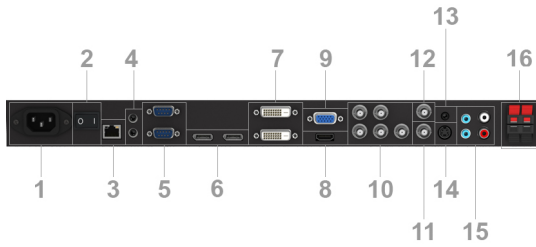
Programmable Ambient Light Sensor - for reduced power consumption and eye pleasing brightness levels.

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

DICOM support- for medical applications.

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. 100 pieces) offering high flexibility at no extra cost if the singal needs to be passed on for videowalls or back-to-back installations

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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, Automatic Alarm E-Mails, 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, NaViSet Administrator 2, 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 PG (Protective Glass)

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/m²]	500, (700 max)
Contrast Ratio (typ.)	4000:1
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Glass Type	Security Glass with anti-reflextion coating
Thickness [mm]	4
Light Transmission [%]	97
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]	25.2 - 85

RESOLUTION	
Native Resolution	1920 x 1080 at 60 Hz
Supported on digital and analogue inputs (PC)	1920 x 1080; 1680 x 1050; 1600 x 1200; 1400 x 1050; 1366 x 786; 1280 x 1024; 1280 x 960; 1280 x 800; 1280 x 768; 1280 x 720; 1024 x 768; 800 x 600; 720 x 576; 720 x 400; 640 x 480
Supported on digital inputs (Video)	1920 x 1080i (59.94/60)16:9; 1920 x 1080i (50)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 (59.94/60)16:9; 1280 x 720p (50) 16:9; 720 x 576p (50)16:9; 720 x 480p (59.94/60)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	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
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); STv2 (compatible with Intel / NEC OPS standard, requires an adaptor)

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 133.4
Weight [kg]	Without stand: 44
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	
Accessories	Feet (ST-5220); Protection Glass (P552 PG); Speaker (SP-RM1); Wall mount (PDW 32-70 L+P); Wall mount (PDW S 32-55 L and P)
Option Slot	Built-in PC; CAT 5 receiver; DVI daisy chain board; HD-SDI board; Media Player

ADDITIONAL FEATURES	
Colour Versions	Black Front Bezel, Black Back Cabinet
Safety and Ergonomics	C-tick; CE; FCC Class B; PSB; TÜV GS; UL/C-UL or CSA; 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

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