

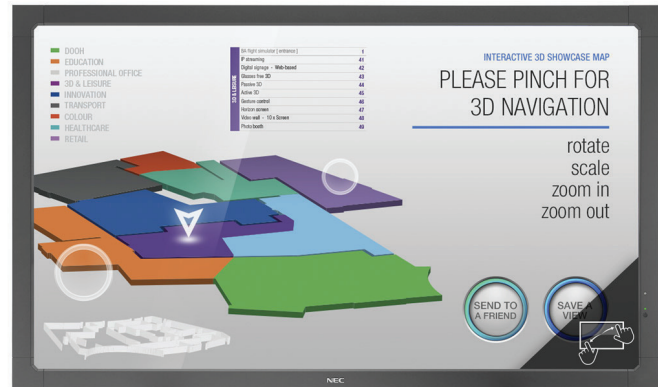
NEC P553-MT (MultiTouch)

Order Code: P553-MT

NEC LCD 55" Large Format Touch Screen

NEC MultiSync® P553-MT is the new multi-touch product of NEC's P Series boasting 55" 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.

P553-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
2. Main Switch
3. Speaker connectors
4. Internal / External speaker switch
5. Audio out
6. USB port for service (firmware upgrades)
7. LAN daisy chain with SNMP (LAN switch and LAN / RS232 / remote loop through)
8. 2x Audio in
9. RS232 in
10. Remote in for external human / ambient sensor
11. VGA + Component input
12. DP 1.2 loop through
13. HDMI 1.4a
14. DVI-D

SPECIAL CHARACTERISTICS

Auto ID assignment, Auto tiling function, Automatic Alarm E-Mails, FREE DisplayNote Presenter, HTTP Server, Image flip, NaViSet Administrator 2, Point Zoom Function, Programmable 10-bit LUT with 3 memory banks, Sticky Note Function in OSD, User readable log function



Energy Efficiency Human Sensor; Ambient light sensor; Carbon savings meter; ECOMode

Ecological Materials Optional feet; Manuals on CD

Technical Specification NEC P553-MT

DISPLAY	
Panel Technology	S-PVA with edge LED backlights
Active Screen Area (W x H) [mm]	1,209.6 x 680.4
Screen Size [inch/cm]	55 / 138.8
Brightness (shipping) [cd/m ²]	550, (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)
SYNCHRONISATION RATE	
Horizontal Frequency [kHz]	31.5 - 91.1 (Analogue and digital)
Vertical Frequency [Hz]	50 - 85
RESOLUTION	
Native Resolution	1920 x 1080 at 60 Hz
Supported on DisplayPort and HDMI	1024 x 768; 1080i; 1080p; 1280 x 1024; 1280 x 768; 1360 x 768; 1600 x 1200; 1920 x 1080; 3840 x 2160 (24/30 Hz); 480p (60 Hz); 576p (50 Hz); 640 x 480; 720p (50/60 Hz); 800 x 600
Supported on HDMI only	1360 x 768; 3840 x 2160 (25 Hz); 4096 x 2160 (24 Hz); 480i (60 Hz); 576i (50 Hz)
CONNECTIVITY	
Input Video Analogue	1 x D-sub 15 pin
Input Video Digital	1 x DVI-D (with HDCP); 1 x HDMI (with HDCP); 1 x DisplayPort (with HDCP)
Input Audio Analogue	2 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 DisplayPort; 1 x DVI-D; 1 x HDMI; 1 x Interface Extension Slot; 1 x OPS; 1 x through DisplayPort out
Output Audio Analogue	3,5mm jack
Output Control	LAN 100Mbit
Remote Control	RS-232C (9-pin D-sub) Input; LAN with SNMP; Remote Control IR (internal/external (optional) sensor)
INTERFACE EXTENSION SLOT	
Slot Technology	analogue and digital interface extension (NEC standard)
OPS OPTION SLOT	
Slot Technology	Open pluggable specification (NEC / Intel OPS standard)
Inrush Current [A]	max. 10
Power Consumption [W]	max. 61
Voltage / Current [V/A]	16/4
SENSORS	
Ambient Light Sensor	Integrated, triggered actions programmable
Human Sensor	Optional, external, 4-5m range, triggered actions programmable
Temperature Sensor	Integrated, 3 sensors, triggered actions programmable
NFC Sensor	Integrated, 2cm range, free NEC Android App required
ELECTRICAL	
Power Consumption on Mode [W]	150 shipping; 315 (max.)
Power Savings Mode [W]	< 0.5 (ECO Standby); < 1
Power Management	VESA DPMS
ENVIRONMENTAL CONDITIONS	
Operating Temperature [°C]	+0 to +40
Operating Humidity [%]	20 to 80
MECHANICAL	
Dimensions (W x H x D) [mm]	Without stand: 1251 x 722 x 69
Weight [kg]	Without stand 50kgs
Bezel Width [mm]	18.5
VESA Mounting [mm]	300 x 300 (FDMI); 4 holes; M6
AVAILABLE OPTIONS	
Accessories	Feet (ST-5220); Speaker (SP-TF1, SP-RM1); Wall mounts (MSMU, MTMU, MTAPU)
Interface Extension	SB3-AB1 analogue: Audio; Component; Composite; S-Video SB3-AB2 analogue: Audio; RGBHV SB3-DB1 digital: 1 x DisplayPort out; 1 x HDMI; 2 x DisplayPort
OPS	HD-SDI 1.5G; 3G; HDBaseT receiver; Intel® Atom, Celeron and Core CPUs; WiDi receiver
ADDITIONAL FEATURES	
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; DVI-D cable; Power Cable; Remote Control; CD-ROM (User Guides/Manuals)
Warranty	3 year conditional warranty incl backlight & touch integration

For more information, visit au.nec.com, email contactus@nec.com.au or call **131 632**