

# NEC MultiSync® V462 TM (MultiTouch)

Order Code: 60003400

NEC LCD 46" Public Display

MultiSync® V462TM is the multi-touch product of NEC's V series. Delivering true multi-touch support with up to 4 simultaneously touch points. The display comes with NEC's new dual slot as well as with integrated speakers. An impressive line-up of interfaces including DisplayPort, DVI daisy chain and LAN with SNMP sets a new standard in the entry level segment.

Ideal for interactive usage such as retail signage and way finding - especially if multi touch is required.



## DELIVERING GENUINE BENEFITS

**Comprehensive Touch Usage** - possible usage with Finger, Stylus and Gloves.

**Optical Camera Technology** - with 4 integrated cameras for quick touch response and perfect usability, 5 to 8 millisecond response at 120 frames per second.

**Protective Glass** - double anti-reflection coating for perfect visibility, full-tempered glass for security.

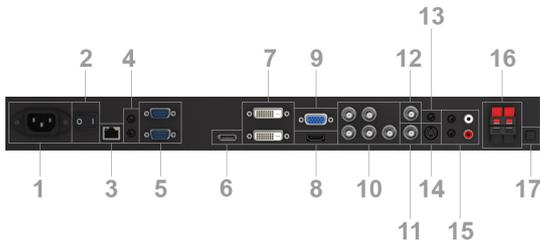
**Multi-Touch** - true multi-touch support with up to 6 simultaneous touch points (max. 4 drag points), Windows 7 compliant, Mac and Linux driver support.

**Future Ready with OPS Cable Free Expansion** - Upgrade the power of your display at any time without the need for external cables or devices.



## 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 traditional NEC Option Slot products and the new OPS Standard Option, such as single board computers 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 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 role outs.



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
17. Internal / external speaker switch

**SPECIAL CHARACTERISTICS**

Advanced fan control, Copy display settings through RS232, DICOM support, Hardware colour calibration possible, Input name adjustment, Matrix memory, PIN as theft protection, Rapid input switching, Scheduler, Screen saver functions, TileMatrix (10 x 10), User input priority definition, Various picture in picture options



**Energy Efficiency** Carbon savings meter; ECOMode

**Ecological Materials** Optional feet; Manuals on CD

**Ecological Standards** Energy Star 5.0

Technical Specification NEC MultiSync® V462 TM (MultiTouch)	
<b>DISPLAY</b>	
Panel Technology	S-PVA with CCFL backlights
Active Screen Area (W x H) [mm]	1,018 x 573
Aspect Ratio	16:9
Brightness (shipping) [cd/m²]	350, (450 max)
Contrast Ratio (typ.)	3000:1
Viewing Angle [°]	75 horizontal / 75 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]	50 - 85
<b>RESOLUTION</b>	
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 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	Display Port; 1x HDMI
Input Control	LAN 100Mbit; remote control wire (3,5mm jack); RS232
Output Video Analogue	Composite (RCA)
Output Video Digital	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)
<b>OPTION SLOT</b>	
Slot Technology	Dual Slot (STv1 + STv2); (STv2 compatible with Intel / NEC OPS standard)
<b>ELECTRICAL</b>	
Power Consumption on Mode [W]	165 shipping; 500 (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]	With stand: 1,121.5 x 702.8 x 351; Without stand: 1,121.5 x 664.7 x 120
Weight [kg]	With stand: 35.3; Without stand: 33.4
Bezel Width [mm]	50.4 (left and right); 45 (top and bottom)
VESA Mounting [mm]	400 x 400 (FDMI); 4 holes; M8
<b>AVAILABLE OPTIONS</b>	
Option Slot	CAT 5 receiver; DVB-T-Tuner; DVI daisy chain board; HD-SDI board; Media Player; Slot-in PC (Core i5/7 with WS7P recommended)
Accessories	Feet (ST-4620); Wall mount (PDW 32-70 L/P; PDW S 32-55 L/P)
<b>ADDITIONAL FEATURES</b>	
Safety and Ergonomics	CE; TÜV GS; C-tick; Energy Star 5.0; 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; Power Cable; VGA cable; Free LAN control software (download); Remote Control; CD-ROM (User Guides/Manuals)
Warranty	3 years warranty incl. backlight
<b>TOUCH</b>	
Touch technology	Optical Camera with 4 Cameras
Protection Glass	6 mm, double sided anti-reflection, fully tempered
Touch Points / Events	up to 6 simultaneous (max. 4 drag points)
Input Method	Finger; Stylus; Gloves
Light Transmission [%]	96
Reflection Rate [%]	2
Driver	Windows XP; Windows 7; Mac; Linux
Communication Protocol	USB-HID; RS323