

NEC MultiSync® V462

Order Code: 60003169

NEC LCD 46" Public Display

MultiSync® V462 is the ultimate best in class product in the entry level segment. This 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. The V Series delivers unbeatable functionality and performance for value demanding users.

Ideal for cost efficient retail signage, conferencing applications and lobby or reception installations.



DELIVERING GENUINE BENEFITS

DICOM support- for medical applications.

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

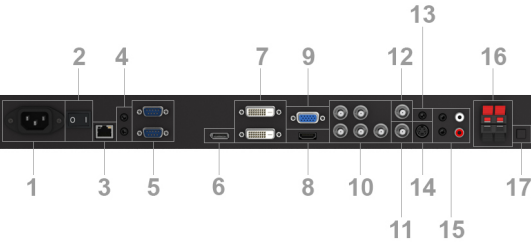
Intelligent Power Management Features - for reduced total cost of ownership (TCO)

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 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, Daisy chaining via DVI (max. 9 units), DICOM support, Hardware colour calibration possible, Input name adjustment, Matrix memory, OSD rotation for portrait mode, PIN as theft protection, Scheduler, Screen saver functions, TileMatrix (10 x 10), User controllable back-up fans with 2 speeds, 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 5.1

Technical Specification NEC MultiSync® V462	
DISPLAY	
Panel Technology	S-PVA with CCFL backlights
Active Screen Area (W x H) [mm]	1,018 x 573
Screen Size [inch/cm]	46 / 117
Aspect Ratio	16:9
Brightness (shipping) [cd/m²]	340, (450 max)
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 766; 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; 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 (RCA); RGBHV (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; RS-232C (9-pin D-sub) Input and Output; Remote Control IR
OPTION SLOT	
Slot Technology	STv2 (compatible with Intel / NEC OPS standard)
Inrush Current [A]	max. 10
Power Consumption [W]	max. 61
Voltage / Current [V/A]	16/4
ELECTRICAL	
Power Consumption on Mode [W]	165 (typ.); 300 (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: 1,121.5 x 664.7 x 107
Weight [kg]	With stand: 27.2; Without stand: 25.3
Bezel Width [mm]	50.4 (left and right); 45 (top and bottom)
VESA Mounting [mm]	300 x 300 (FDMI); 4 holes; M6
AVAILABLE OPTIONS	
Option Slot	Built-in PC; CAT 5 receiver; DVB-Tuner; DVI daisy chain board; HD-SDI board; Media Player
Accessories	Feet (ST-4620); Speaker (SP-4046V); Wall mount (WM32-70 L/P); Wall mount (WMS32-55 L/P)
ADDITIONAL FEATURES	
Colour Versions	Black Front Bezel, Black Back Cabinet
Safety and Ergonomics	CE; TÜV GS; C-tick; Energy Star 5.1; FCC Class B; UL/C-UL or CSA; PSB; VCCI; RoHS
Plug and Play	VESA DDC2Bi
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
Warranty	3 years warranty incl. backlight