

# NEC MultiSync® V421

Order Code: 60002918

NEC LCD 42" Public Display

**NEC MultiSync® V-Series Public Displays.** This product line represents a solution for customers looking for good value for money with high expectations in reliability and longevity. A LAN interface for monitoring and controlling along with an HDMI interface makes this a feature rich value product.

An ideal solution for retail signage, meeting rooms, video conferencing and other non 24/7 applications.



## DELIVERING GENUINE BENEFITS

**Digital Signage** - made easy with NEC Digital Signage Software.

**Latest Interface Standards** - to make sure even new signals or interfaces can be used.

**NEC Public Displays** - designed to meet your environmental requirements by minimizing power consumption and waste.

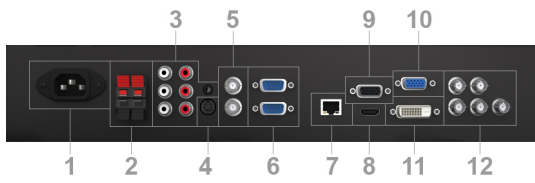
**V-Series Products** - designed to last and offer trouble-free operation. Control and monitoring features are best-in-class.

**Well structured OSD and intuitive Controls** - reduce installation cost and therefore overall total cost of ownership (TCO).



## OUTSTANDING PERFORMANCE

- **HDMI** along with a LAN interface for screen control are unique in this combination in a Public Display and secure future proofness.
- **With efficient Product Design and High Quality Components** power consumption is minimized. Feet are optional and the user manual is available on CD to minimize waste.
- **Free Digital Signage Software.** MultiSync® V-Series comes with a digital signage available for free download.
- **OSD.** Information on the inside temperature through OSD and extensive user fan control are unique and secure unparalleled reliability. The displays can send alarm emails via free NEC LAN software in the unlikely event of a problem.



1. Power (AC in)
2. External speaker
3. Audio in / out
4. S- Video in
5. Video in / out Composite
6. External Control RS-232 in / out
7. LAN (RJ-45)
8. HDMI
9. RGB out
10. RGB in
11. DVI in (DVI-D)
12. RGB / HV in Component

### SPECIAL CHARACTERISTICS

Colour temperature mode, Overheating protection with controllable fans, Power-off timer, Touch panel ready, Vacation Switch, sRGB support



**Ecological Materials** Optional feet

**Ecological Standards** Energy Star 5.0 ; EuP compliant

Technical Specification NEC MultiSync® V421	
<b>DISPLAY</b>	
Panel Technology	S-IPS TFT
Active Screen Area (W x H) [mm]	930.25 x 523.01
Screen Size [inch/cm]	42 / 106.7
Aspect Ratio	16:9
Pixel Pitch [mm]	0.4845 x 0.4845
Brightness (shipping) [cd/m²]	500
Contrast Ratio (typ.)	1300:1
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Colours [Mio.]	16.77
Response Time (typ.) [ms]	9 (grey-to-grey)
<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	1024 x 768; 1280 x 1024; 1440 x 1050; 1600 x 1200; 1920 x 1080; 640 x 480; 720 x 400; 800 x 600; 832 x 624
<b>CONNECTIVITY</b>	
Input Video Analogue	1 x D-sub 15 pin; 1 x S-Video; Component (BNC); Composite (BNC + RCA); RGBHV (BNC)
Input Video Digital	1 x DVI-D (with HDCP); 1 x HDMI
Input Audio Analogue	2 x Cinch (RCA); 1 x 3.5 mm jack
Output Video Analogue	1 x D-sub 15 pin
Remote Control	LAN; RS-232C (9-pin D-sub) Input and Output; D-sub 15 and DVI-D (DDC/CI); Remote Control IR
<b>TV AND VIDEO</b>	
Supported TV Standards (no tuner)	NTSC; PAL; SECAM
Video Modes (no tuner)	480i; 480p; 576i; 576p; 2 x 720p (50 and 60 Hz); 2 x 1080i (50 and 60 Hz); 2 x 1080p (50 and 60 Hz)
<b>ELECTRICAL</b>	
Power Consumption on Mode [W]	160 (typ.); 190 (max.)
Power Savings Mode [W]	< 2
Power Management	VESA DPMS
Power Requirements	100-120 V/220-240 V; 2.1 A/0.85 A; internal power supply
<b>ENVIRONMENTAL CONDITIONS</b>	
Operating Temperature [°C]	Operation Temperature: +5 to +40 Landscape +5 to +35 Portrait
Operating Humidity [%]	20 to 80
<b>MECHANICAL</b>	
Dimensions (W x H x D) [mm]	Without stand: 1,022.9 x 613.5 x 133
Weight [kg]	Without stand: 20.5
Bezel Width [mm]	44.2 (left and right); 43.3 (top and bottom)
VESA Mounting [mm]	400 x 200 (FDMI); 12 holes / 100 mm spacing
<b>AVAILABLE OPTIONS</b>	
Wall Mounts	Optional: W32-52L (landscape) ; Optional: W32-52L (portrait); Optional: W32-70L
Stand	Optional
<b>ADDITIONAL FEATURES</b>	
Colour Versions	Black Front Bezel, Black Back Cabinet
Safety and Ergonomics	CE; EuP; TÜV GS; C-tick; Energy Star 5.0; FCC Class B; UL/C-UL or CSA; CCC; PSB; VCCI; RoHS
Plug and Play	VESA DDC2B
Audio	Optional Speakers (7 W + 7 W)
Shipping Content	Display; Power Cable; Remote Control (IR); CD-ROM (User Guides/Manuals) Signal Cable: VGA - VGA
Warranty	3 years warranty incl. backlight