NEC MultiSync® X462UN

Order Code: 60003021   **NEC LCD 46" Public Display**

MultiSync X462UN is the second generation of 46" class video wall products with additional features only NEC can provide. The product is compatible with all accessories designed for the predecessor to guarantee a smooth transition between the two products.

Professional level video wall product with a mere 6.7mm bezel and 7.3mm content to content for impressive video walls.

MultiSync X462UN addresses installations requiring high brightness and heavy duty performance typically found in retail signage or even control room environments.

DELIVERING GENUINE BENEFITS

DICOM support- for medical applications.

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.

Large number of Accessories - various wall mount solutions and a decorative overframe kit to offer a complete one stop shopping solutions experience.

Option Slot STv1 - for DVI daisy chain board, built-in PCs, mediaplayer and other slot in boards.

Programmable Ambient Light Sensor - for reduced power consumption and eye pleasing brightness levels.

OUTSTANDING PERFORMANCE

- **Unique NEC Edge Comp** for compensating backlight induced brightness reduction at the edges delivering best in class brightness uniformity.

- **Pre-calibrated** displays from factory also allow for user hardware calibration thanks to the integrated 10 bit look up table (LUT) with the optional NEC calibration kit.

- **Unique NEC heat management** enables the user to monitor and control the heat inside the display with user controllable fans. Very important for larger or recessed walls to avoid overheating.

- **Up to 100 displays** can be controlled and managed through common sensor through daisychaining with supplied 3.5mm cables.

- **TileMatrix Memory** for automatic adjustment of the integrated splitter when working with multiple inputs. This saves the cost of external switching 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 overheating, back light failure etc.

www.nec-display-solutions.com

SPECIAL CHARACTERISTICS

46 inch Public Display with professional LCD panel and NEC Edge Comp, Advanced fan control, Copy display settings through RS232, Daisy chaining via DVI (max. 9 units) and DisplayPort (max. 30 units), DICOM support, EdgeComp, Hardware colour calibration possible, Input name adjustment, Integrated 10 bit Look-up table (LUT), LAN with SNMP support, Matrix memory, OSD rotation for portrait mode, PIN as theft protection, Programmable ambient light sensor, Rapid input switching, Scheduler, Screen saver functions, Super slim bezel with 7.3 mm between contents and 6.7 mm bezel width, TileMatrix (10 x 10), User input priority definition, Various picture in picture options

Energy Efficiency	Ambient light sensor; Carbon savings meter; ECOMode
Ecological Materials	Downloadable manuals; Optional feet
Ecological Standards	Energy Star 5.0

Technical Specification NEC MultiSync® X462UN

DISPLAY	
Panel Technology	S-PVA TFT
Active Screen Area (W x H) [mm]	1,018.4 x 572.5
Screen Size [inch/cm]	46 / 117
Aspect Ratio	16:9
Pixel Pitch [mm]	0.746 x 0.746
Brightness (shipping) [cd/m²]	500, (700 max)
Contrast Ratio (typ.)	3000:1
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Response Time (typ.) [ms]	8 (grey-to-grey); 16 (6 white / black; 10 black / white); 8 (tr - tf)
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	1366 x 768 at 60 Hz
Supported on digital and analogue inputs (PC)	1024 x 768; 1140 x 900; 1280 x 1024; 1280 x 720; 1280 x 768; 1280 x 800; 1280 x 960; 1360 x 768; 1360 x 786; 1400 x 1050; 1600 x 1200; 1680 x 1050; 1920 x 1080; 640 x 480; 720 x 400; 720 x 480; 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; 1920 x 720p (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; 5 x BNC, Component, Composite (via BNC and Cinch)
Input Video Digital	1 x DVI-D (with HDCP); 1 x HDMI 1.3; 1 x DisplayPort
Input Audio Analogue	2 x Cinch (RCA); 1 x 3,5 mm jack
Input Control	LAN 100Mbit; remote control wire (3,5mm jack); RS232
Output Video Analogue	5 x BNC, Composite (via BNC)
Output Audio Analogue	1 x RCA
Output Control	remote control wire (3,5mm jack); RS232
Remote Control	RS-232C (9-pin D-sub) Input and Output; D-sub 15 and DVI-D (DDC/CI); Remote Control IR
OPTION SLOT	
Slot Technology	STv1
ELECTRICAL	
Power Consumption on Mode [W]	200 (at 500 cd/m2) (typ.); 330W max. (with built-in PC 100% workload)
Power Savings Mode [W]	< 0.5; < 1 (ECO Standby)
Power Management	VESA DPMS
Power Requirements	100-120 V/220-240 V; 3.6 A/1.45 A; internal power supply
ENVIRONMENTAL CONDITIONS	
Operating Temperature [°C]	+5 to +40
Operating Humidity [%]	20 to 80
MECHANICAL	
Dimensions (W x H x D) [mm]	With stand: 1,025.7 x 623.6 x 351; Without stand: 1,025.7 x 579.8 x 128.1
Weight [kg]	Without stand: 29
Bezel Width [mm]	2.4 bottom/right; 4.3 top/left; (Content to content: 2.7 bottom/right; 4.6 top/left)
VESA Mounting [mm]	300 x 300 (FDMI); 4 holes
AVAILABLE OPTIONS	
Option Slot	Built-in PC; CAT 5 receiver; DVBT-Tuner; DVI daisy chain board; HD-SDI board; Media Player
Accessories	Calibration kit (KT-X46UN-CC); Feet (ST-4620); Overframe kit (KT-46UNOF); Remote control kit (KT-RC); Wall mount (PDVWXUN 46 L ; PDVWXUN 46 P)
Stand	Optional
ADDITIONAL FEATURES	
Colour Versions	Black Front Bezel, Black Back Cabinet
Safety and Ergonomics	CE; TÜV GS; C-tick; Energy Star 5.0; FCC Class B; UL/C-UL or CSA; CCC; PSB; VCCI; RoHS
Plug and Play	VESA DDC2Bi
Shipping Content	Display; interface cover; Power Cable; CD-ROM (User Guides/Manuals) Signal Cable: 3,5 mm jack
Warranty	3 years warranty incl. backlight

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