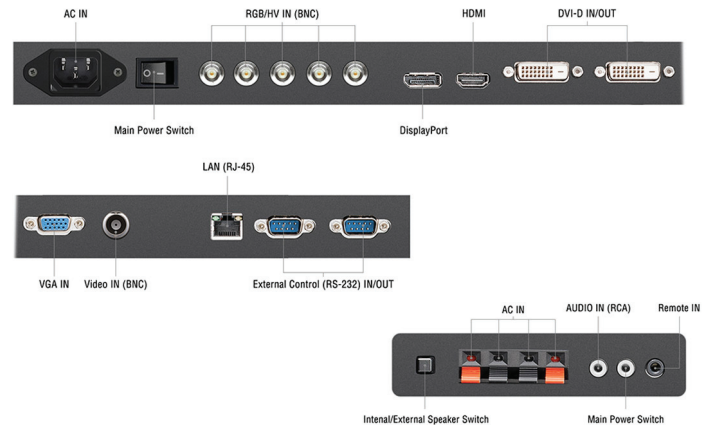# NEC MultiSync® V801-TM (Multi-Touch)

Order Code: V801-TM   **NEC LCD 80" Touch Large Format Display**

NEC MultiSync® V801 TM is the new multi-touch product of NEC's V Series boasting 80" in size and delivering true multi-touch support with up to 6 simultaneous touch points. Thanks to 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.

V801 TM is ideal for any kind of interactive whiteboard applications in corporate meeting rooms and class rooms.

BENEFITS

Multi-Touch - true multi-touch support with up to 6 simultaneous touch points for all major operating systems.

Infrared Touch - offering quick touch response and perfect usability.

Driver-free - no need to install any drivers on the host PC for all major operating systems. Interface to host PC is USB HID protocol with no drivers, calibration or application software on the host.

Calibration-free - due to robust and accurate design, no drift, mechanical alignment or temperature issues. No re-calibration of the touch system necessary.

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

Protective Glass - double 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 Multiuser Licence - present, share, collaborate with up to 5 participants across multiple devices .

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DISPLAY	Panel Technology	UV² A with Edge LED backlight
	Screen Size [inch/cm]	80 / 203
	Aspect Ratio	16:9
	Brightness [cd/m²]	460, 174 Eco (shipment setting)
	Contrast Ratio (typ.)	5000:1
	Viewing Angle [°]	176 horizontal / 176 vertical (typ. at contrast ratio 10:1)
	Response Time (typ.) [ms]	6 (grey-to-grey)
	Panel Refresh Rate [Hz]	60
	Supported Orientation	Landscape; Portrait
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)	1600 x 1200; 1360 x 768; 1280 x 1024; 1280 x 768; 1024 x 768; 832 x 624; 800 x 600; 720 x 400; 640 x 480; 640 x 400
	Supported on digital inputs (Video)	1920 x 1080i (59.94/60)16:9; 1920 x 1080i (59.94/60)16:9; 720 x 576p (50)16:9; 720 x 576p (50)16:9; 720 x 576p (50)16:9; 720 x 576p (50)16:9; 720 x 576p (50)16:9; 720 x 576p (50)16:9; 720 x 576p (50)16:9; 720 x 576p (50)16:9
CONNECTIVITY	Input Video Analogue	1 x D-sub 15 pin; Composite (BNC); RGBHV for PC and Component/Composite (BNC)
	Input Video Digital	1 x DisplayPort (with HDCP); 1 x DVI-D (with HDCP); 1 x HDMI 1.3 (with HDCP)
	Input Audio Analogue	1 x 3,5 mm jack
	Input Audio Digital	1 x HDMI; DisplayPort
	Input Control	LAN 100Mbit; remote control wire (3,5mm jack); RS232
	Output Video Digital	1 x DVI-D (with HDCP)
	Output Audio Analogue	3,5mm jack
	Output Control	RS232
	Remote Control	LAN with SNMP; Remote Control IR (internal/external (optional) sensor); RS-232C (9-pin D-sub) Input and Output
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 [W]	230 shipping; 420W max. (with built-in PC 100% workload)
	Power Savings Mode [W]	< 0.5 (ECO Standby); < 1
	Power Management	VESA DPMS
ENVIRONMENTAL CONDITIONS	Operating Temperature [°C]	+0 to +35
	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: 1,842.8 x 1,067.9 x 107.3
	Weight [kg]	Without stand: 79.9
	Bezel Width [mm]	34.8 (left and right); 34.8 (top and bottom)
	VESA Mounting [mm]	4 holes; 400 x 400 (FDMI); M8
GLASS	Thickness [mm]	3
	Type	Double sided anti-reflection, fully tempered
	Light Transmission [%]	90 (+/- 2 %)
	Reflection Rate [%]	4
TOUCH	Touch Technology	Infrared Touch
	Number of Touches	Real multi-touch up to 6 touches
	Response Time [ms]	0 to 20
	Touch Method	Finger; Gloves; Stylus
	Operating System	Native Multi-Touch (Windows7, Windows8); Single Touch (Windows X, Windows Vista, Linux, Mac OSX, Android)
	Data Interface	USB 2.0 (full speed) HID; USB powered, plug & play
	Accuracy [mm]	< 2
	Touch Resolution	32767 x 32767
ADDITIONAL FEATURES	Special Characteristics	Advanced fan control; Copy display settings through RS232; DICOM support; Hardware colour calibration possible; Input name adjustment; Matrix memory; NaViSet Administrator 2; PIN as theft protection; Rapid input switching; Scheduler; Screen saver functions; TileMatrix (10 x 10); User input priority definition; Various picture in picture options
	Colour Versions	Black Front Bezel, Black Back Cabinet
	Safety and Ergonomics	C-tick; CE; FCC Class B; PSB; RoHS; TÜV GS; UL/C-UL or CSA; VCCI
	Audio	Integrated Speakers (10 W + 10 W); Optional Speakers (15 W + 15 W)
	Shipping Content	CD-ROM (User Guides/Manuals); CD-ROM with Touch Drivers; Display; DVI-D cable; External Power Supply; Power Cable; Remote Control; USB cable
	Warranty	3 years conditional warranty incl. backlight
	Operating Hours	16/7
AVAILABLE OPTIONS	Accessories	Feet (ST-801); Speaker (SP-RM1, SP-TF1);
	OPS	HD-SDI 1.5G,3.5G; HDBaseT receiver; Slot-inPC (Intel® Core i5/i7 with WS7P recommended)
GREEN FEATURES	Energy Efficiency	Ambient light sensor; Annual energy consumption: 194 kWh (based on 4 operating hours per day); Carbon savings meter; ECOMode; Energy efficiency class: A+
	Ecological Materials	Manuals on CD; Optional feet

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