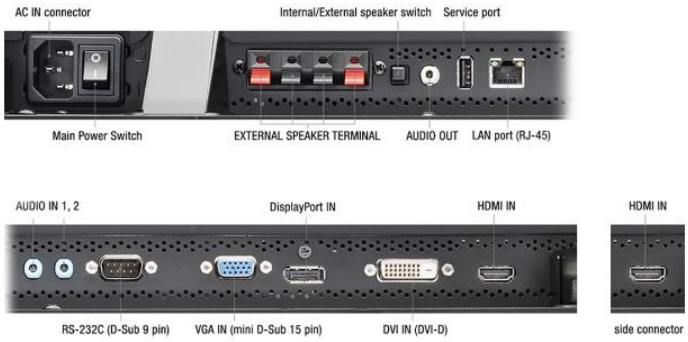
\Orchestrating a brighter world

MultiSync® E905

NEC LCD 90" Entry Level Large Format Display

Datasheet





The NEC MultiSync® E905 succeeds in balancing impressive visual performance with a budget-oriented large format presentation without compromise. The 90 inch (229 cm) LCD-panel features a detail-rich FullHD resolution, eye-pleasing black levels for ergonomic viewing and state-of-the-art connectivity optimized to the needs of corporate applications. Thanks to an integrated ambient light sensor and latest LED backlight technology, the model features an amazingly low TCO with maintenance-free operation.

This display is ideal for corporate conferencing and education usage as well as digital signage applications in museums, hospitality and retail environments with operating hours limited to 12/7.

Benefits

Programmable Ambient Light Sensor – automatically adapts brightness to suit ambient light conditions ensuring reduced power consumption and eye pleasing luminosity levels.
Future Ready Connectivity – featuring multiple industry standard digital and analogue signal inputs for flexible integration into AV infrastructures.
Slim Design and Integrated Speakers – the aesthetic design is pleasing to the eye and enables easy, low cost installation.
Reduced Installation and Operating Costs – highly energy efficient LED backlit display ensures low power consumption, longer backlight lifetime and lighter design for easy transportation, mounting and integration.
Free Download of Multi-Display Management Software – with NaViSet Administrator 2 you can manage all your connected display devices from a centralised location.
Easy remote operation – thanks to full control via RS232 and LAN for effort-less maintenance and asset management in large or remote installation.
Impressive FullHD LCD technology – eye-pleasing black levels and impressive contrast ratios for ergonomic viewing and less fatigue in conferencing scenarios.

Product Information

Product Name	MultiSync® E905
Product Group	NEC LCD 90" Entry Level Large Format Display
Order Code	60003930

Display

Panel Technology	UV² A with direct LED backlight
Active Screen Area (W x H) [mm]	1.992 x 1.121
Screen Size [inch/cm]	90 / 229
Brightness [cd/m²]	350, 210 Eco (shipment setting)
Contrast Ratio (typ.)	5000:1
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Response Time (typ.) [ms]	4 (grey-to-grey)
Haze Level [%]	5
Supported Orientation	Landscape

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 DisplayPort and HDMI	1920 x 1080; 1600 x 1200; 1360 x 768; 1280 x 1024; 1280 x 768; 1080i; 1080p; 1024 x 768; 800 x 600; 720p (50/60 Hz); 640 x 480; 576p (50 Hz); 480p (60 Hz)
Supported on HDMI only	1360 x 768; 576i (50 Hz); 480i (60 Hz)

Connectivity

Input Video Analogue	1 x D-sub 15 pin
Input Video Digital	1 x DisplayPort (with HDCP); 1 x DVI-D (with HDCP); 2 x HDMI (with HDCP)
Input Audio Analogue	2 x 3,5 mm jack
Input Audio Digital	1 x DisplayPort; 2 x HDMI
Input Control	LAN 100Mbit; RS232
Output Audio Analogue	3,5mm jack
Remote Control	LAN with SNMP; RS-232C (9-pin D-sub) Input

Sensors

Ambient Light Sensor	Integrated, triggered actions programmable
Temperature Sensor	Integrated, 3 sensors, triggered actions programmable

Electrical

Power Consumption [W]	266 Eco (shipment setting), 360
Power Savings Mode [W]	< 0.5 (ECO Standby); < 1
Power Management	VESA DPMS

Environmental Conditions

Operating Temperature [°C]	+0 to +40
Operating Humidity [%]	20 to 80

Mechanical

Dimensions (W x H x D) [mm]	Without stand: 2.058 x 1.184 x 123
Weight [kg]	Without stand: 81
Bezel Width [mm]	29.7 (left and right); 29.7 (top and bottom)
VESA Mounting [mm]	4 holes; 400 x 400 (FDMI); M8

Additional Features

Special Characteristics	Automatic Alarm E-Mails; Colour temperature mode; Image flip; NaViSet Administrator 2; Point Zoom Function; Scheduler
Colour Versions	Black Front Bezel, Black Back Cabinet
Safety and Ergonomics	C-tick; CE; FCC Class A; 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); Display; DVI-D cable; Power Cable; Remote Control
Warranty	3 years warranty incl. backlight; additional services available; optional 4. + 5. year warranty extension
Operating Hours	12/7

Available Options

Accessories	Feet (ST-801); Speaker (SP-TF1, SP-RM1); Trolley (PDMHM-L); Wall mount (PDW T XL)

Green Features

Energy Efficiency	Ambient light sensor; Annual energy consumption: 388 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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