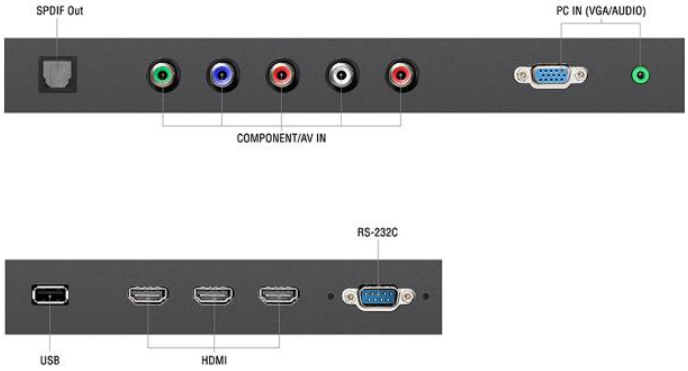
\Orchestrating a brighter world

MultiSync® E505

NEC LCD 50" Entry Level Large Format Display

Datasheet



The NEC MultiSync E505 succeeds in balancing impressive visual performance with a budget-oriented large format presentation without compromise. The model captures attention via eye-pleasing image quality for ergonomic viewing and versatile digital connectivity optimized to the needs of corporate and signage applications.

Thanks to latest LED backlight technology, the display features an amazingly low TCO and maintenance-free operation. Packed with integrated features like USB media player, speakers and scheduling function, E-Series models are also qualified for standalone applications in public environments.

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

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.
Slim Design and Integrated Speakers – the aesthetic design is pleasing to the eye and enables easy, low cost installation.
Effortless content playback – the integrated USB media player supports various image video file formats for effortless and standalone content playback.
Future Ready Connectivity – featuring multiple industry standard digital and analogue signal inputs for flexible integration into AV infrastructures.
Professional integration – enriched with essential RS232 functionality, IR and button lock out as well as digital audio output S/PDIF, the display can easily be integrated into professional applications in public environments.
Standalone operation – the display is designed for straightforward standalone operation due to integrated USB media player, speakers and scheduling functionality.

Product Information

Product Name	MultiSync® E505
Product Group	NEC LCD 50" Entry Level Large Format Display
Order Code	60003727

Display

Panel Technology	S-PVA with direct LED backlight
Active Screen Area (W x H) [mm]	1.096 x 616
Screen Size [inch/cm]	50 / 127
Aspect Ratio	16:9
Brightness [cd/m²]	300
Contrast Ratio (typ.)	5000:1
Viewing Angle [°]	176 horizontal / 176 vertical (typ. at contrast ratio 20:1)
Response Time (typ.) [ms]	8
Panel Refresh Rate [Hz]	60
Haze Level [%]	1
Supported Orientation	Landscape

Resolution

Native Resolution	1920 x 1080 at 60 Hz
Supported Resolutions	1920 x 1080; 1366 x 786; 1280 x 800; 1280 x 720; 1024 x 768; 800 x 600; 720 x 400; 640 x 480
Supported on digital inputs (Video)	1920 x 1080i (60Hz); 1920 x 1080p (60/30/24Hz); 1280 x 720p (60Hz); 720 x 480i (60Hz); 720 x 480p (60Hz)

Connectivity

Input Video Analogue	1 x D-sub 15 pin; Component (RCA); Composite (RCA)
Input Video Digital	3 x HDMI
Input Audio Digital	3 x HDMI
Output Audio Digital	1 x SPDIF
Remote Control	Remote Control IR; RS-232C (9-pin D-sub) Input

Electrical

Power Consumption [W]	87
Power Savings Mode [W]	< 0.5 (ECO Standby)
Power Management	VESA DPMS

Environmental Conditions

Operating Temperature [°C]	+0 to +40
Operating Humidity [%]	10 to 80
Storage Humidity [%]	5 to 85
Storage Temperature [°C]	-10 to +60

Mechanical

Dimensions (W x H x D) [mm]	Without stand: 1.123 x 646 x 77
Weight [kg]	Without stand: 11.9
Bezel Width [mm]	11.9 (left, right and top); 14.9 (bottom)
VESA Mounting [mm]	200 x 400 (FDMI); 4 holes; M6

Additional Features

Special Characteristics	Audio settings with equalizer; Colour temperature mode; Energy saving picture mode; Mac and Windows compatible; Retail picture mode; Scheduler; USB Media Player
Safety and Ergonomics	C-tick; CE; Energy Star 6.0; FCC Class B; PSB; REACH; RoHS; SASO; UL/C-UL or CSA
Audio	Integrated Speakers (10 W + 10 W)
Shipping Content	Display; Power Cable; Remote Control; VGA cable
Warranty	3 years warranty incl. backlight
Operating Hours	12/7

Available Options

Accessories	Feet (ST-50E); Trolley (PDMHM-L); Wall mount (PDW S 32-55L, PDW T M L)

Green Features

Energy Efficiency	Annual energy consumption: 127 kWh (based on 4 operating hours per day); ECOMode; Energy efficiency class: A; LED backlight; Low power consumption
Ecological Standards	EnergyStar 6.0

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