# NEC MultiSync® E505

**NEC LCD 50" Entry Level Large Format Display**



SPDIF Out                                                                          PC IN (VGA/AUDIO)

COMPONENT/AV IN

RS-232C

USB          HDMI
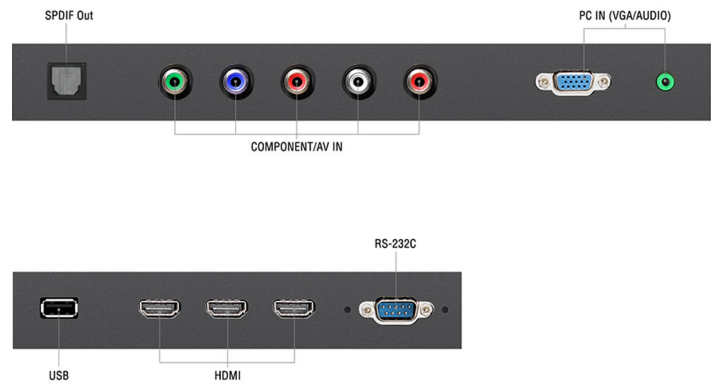
The NEC MultiSync E505 succeeds in balancing impressive visual performance with a budget-oriented large format presentation without compromise. The model captures attention via eye-pleasing image quality for ergonomic viewing and versatile digital connectivity optimized to the needs of corporate and 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 -** featuring LED backlight technology the display is highly energy efficient with a low power consumption, longer backlight lifetime and a lighter design for easy and flexible 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.

FULL HD 1080p

LED
LED Backlit LCD

| | | |
|---|---|---|
| **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 on digital and analogue inputs (PC) | 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] | 93 |
| | 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** | Ecological Standards | EnergyStar 6.0 |

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**NEC**