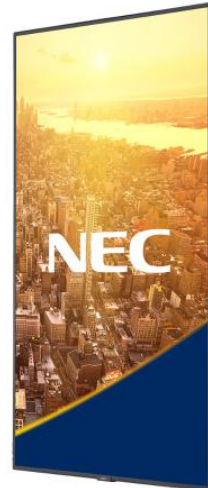


## MultiSync® C501

LCD 50" Value Large Format Display

## Datasheet



### Seamless integration for great visual performance

Its thin bezel and super slim design perfectly complements today's modern surroundings whilst multiple display inputs support flexibility and freedom. With fixing points conveniently located on the back of the screen, external equipment can be attached with seamless simplicity. Reasonable brightness levels offer visibility in controlled light surroundings. The professional haze filter is allowing excellent readability. Landscape and portrait capability matches the needs of both corporate huddle spaces and retail signage applications. With a built-in media player, the NEC C Series runs content directly from a USB drive or microSD card as a standalone solution but can also download contents via network. Futureproof connectivity handles input from multiple sources. Don't let technology impact design – get seamless integration with the NEC C Series!

## Benefits

**Impressive FullHD LCD technology** – eye-pleasing black levels and impressive contrast ratios for ergonomic viewing and less fatigue in conferencing scenarios.

**Modern and slim design** – robust yet elegant allowing for an unobtrusive integration into any application and environment.

**All-in-one Signage solution integrated** – the integrated media player for simple signage use supports easy content playback and management.

**Mission-critical 24/7 ready operation** – the meticulous selection of industrial-grade components and careful design focused on demanding usage scenarios accompany an impressive and continuous viewer experience.

**Ease of use and operation** – Smart installation, operation and maintenance functionality ensures accurate performance over the entire lifetime of the display saving time, effort and resources.

**Free Download of Multi-Display Management Software** – with NaViSet Administrator 2 you can manage all your connected display devices from a centralised location.

|                            |                                    |
|----------------------------|------------------------------------|
| <b>Product Information</b> |                                    |
| Product Name               | MultiSync® C501                    |
| Product Group              | LCD 50" Value Large Format Display |
| Order Code                 | 60004237                           |

|                                 |   |
|---------------------------------|---|
| <b>Display</b>                  |   |
| Panel Technology                | AMVA3 with Edge LED backlights          |
| Active Screen Area (W x H) [mm] | 1,095 x 616                             |
| Screen Size [inch/cm]           | 50 / 125.7                              |
| Brightness [cd/m²]              | 400, 280 Eco (shipment setting)         |
| Contrast Ratio (typ.)           | 4000:1                                  |
| Viewing Angle [°]               | 178 / 178 (at contrast ratio > 10:1)    |
| Colour Depth [bn]               | 1.073 (10bit)                           |
| Response Time (typ.) [ms]       | 6.5 (grey-to-grey)                      |
| Haze Level [%]                  | Pro (44)                                |
| Supported Orientation           | Face Down; Face Up; Landscape; Portrait |

|                             |                                  |
|-----------------------------|----------------------------------|
| <b>Synchronisation Rate</b> |                                  |
| Horizontal Frequency [kHz]  | 31.5 - 91.1 (analog and digital) |
| Vertical Frequency [Hz]     | 24 - 85                          |

|                       |   |
|-----------------------|---|
| <b>Resolution</b>     |   |
| Native Resolution     | 1920 x 1080   |
| Supported Resolutions | 1920 x 1200; 1920 x 1080; 1680 x 1050; 1600 x 1200; 1440 x 900; 1400 x 1050; 1360 x 768; 1280 x 1024; 1280 x 960; 1280 x 800; 1280 x 768; 1280 x 720; 1024 x 768; 800 x 600 |

|                       |  |
|-----------------------|--|
| <b>Connectivity</b>   |  |
| Input Video Analogue  | 1 x VGA  |
| Input Video Digital   | 1 x DisplayPort (with HDCP); 3 x HDMI (with HDCP)            |
| Input Audio Analogue  | 2 x 3,5 mm jack  |
| Input Audio Digital   | 1 x DisplayPort; 3 x HDMI                                    |
| Input Control         | 1 x LAN 100Mbit; 1 x Remote Control (3.5 mm jack); 1 x RS232 |
| Input Data            | 1 x microSD (MediaPlayer); 1 x USB 2.0 (MediaPlayer)         |
| Output Audio Analogue | 1 x 3,5 mm jack  |
| Output Control        | remote control wire (3,5mm jack)                             |

|                      |   |
|----------------------|---|
| <b>Sensors</b>       |   |
| Ambient Light Sensor | Integrated, triggered actions programmable            |
| Temperature Sensor   | Integrated, 3 sensors, triggered actions programmable |

|                        |                                |
|------------------------|--------------------------------|
| <b>Electrical</b>      |                                |
| Power Consumption [W]  | 65 shipping                    |
| Power Savings Mode [W] | < 0.5; < 2 (Networked Standby) |
| Power Management       | VESA DPMS                      |

|                                 |           |
|---------------------------------|-----------|
| <b>Environmental Conditions</b> |           |
| Operating Temperature [°C]      | +0 to +40 |
| Operating Humidity [%]          | 20 to 80  |

## Mechanical

|                             |  |
|-----------------------------|--|
| Dimensions (W x H x D) [mm] | 1,125 x 645 x 45                             |
| Weight [kg]                 | 16.1   |
| Bezel Width [mm]            | 12.4 (left and right); 12.4 (top and bottom) |
| VESA Mounting [mm]          | 300 x 300 (FDMI); 4 holes; M6                |
| Ingress Protection          | IP5X (front); IP2X (back)                    |

## Additional Features

|                         |   |
|-------------------------|---|
| Special Characteristics | Ambient Light Sensor; AMX NetLinX Support; ASCII Control Commands; Automated Email Alert; CEC Support; Crestron Connected Support; Crestron RoomView Support; Display Browser Control; Emergency Notification; Full System Scheduler; KeyGuide; MediaPlayer with Browser Control; NaViSet Administrator 2; OmniColor Control; OSD rotation for portrait mode; PJLink Support; Powered USB-Port; Removable Logo; Secure Mode Operation; Slim LED Indicator; SNMP Support; TileMatrix (10 x 10); User readable log function |
| Colour Versions         | Black Front Bezel, Black Back Cabinet   |
| Safety and Ergonomics   | C-tick; CE; EMC Class B; FCC; PSB; RoHS; TÜV GS; UL/C-UL or CSA; VCCI   |
| Audio                   | Integrated Speakers (10 W + 10 W)   |
| Shipping Content        | CD-ROM (User Guides/Manuals); Display; Power Cable; Remote Control; VGA cable   |
| Warranty                | 3 years warranty incl. backlight; additional services available   |
| Operating Hours         | 24/7  |

## Available Options

|             |  |
|-------------|--|
| Accessories | Feet (ST-401); Trolley (PDMHM-L); Wall mount (PDW S 32-55 L and P, PD02W T M L, PD03W T M P) |
|-------------|--|

## MediaPlayer

|                                      |   |
|--------------------------------------|---|
| Supported Image Formats              | JPG (baseline, progressive, RGB, CMYK); max. resolution 5000 x 5000; PNG (interlace, alpha channel); max. resolution 4000 x 4000  |
| Supported Video Formats              | MP4 / MOV / FLV (video H.264, audio MP3, AAC); max. resolution 1080p at 30 Hz, 1080i at 60 Hz; MPG (video mpeg1/2, audio mpeg audio layer2/3, AAC-LC); MP @ ML, MP @ HL; WMV (video H.264, wmv advanced L3, wmv simple / main, audio mp3 wmv std); max. resolution 1080p at 30 Hz, 1080i at 60 Hz |
| Supported Audio Formats              | MP3 (MP3); max. bit-rate 320 kBit/s; WAV (LPCM); max. 48 kHz sampling   |
| Supported File Storage / File System | MicroSDHC / FAT16, FAT32; USB 2.0 / FAT16, FAT32  |

## Green Features

|                      |   |
|----------------------|---|
| Energy Efficiency    | Ambient light sensor; Annual energy consumption: 110 kWh (based on 4 operating hours per day); Carbon savings meter; Energy efficiency class: A |
| Ecological Materials | Manuals on CD; Optional feet  |
| Ecological Standards | EnergyStar 7.0  |



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