Large-Screen LCD

Orchestrating a brighter world

55”, 50” and 43” Commercial Displays Ideal for Digital Signage Applications

MultiSync® C551 / C501 / C431
Create maximum visual impact through seamless simplicity with the new professional NEC C-series products.

Contemporary and slim mechanical design with focused aesthetics allows for smooth and stylistic integration into any type of environment. The NEC C-series boasts 400 cd/m² brightness along with a new anti-glare surface that allows for efficient readability in normal ambient light situations and 24/7 applications are possible.

Highlights

Modern and Slim Design
The new elegant slimline design provides unobtrusive integration into any application and environment. The simplicity of its shape supports an unhindered viewing experience ensuring that the screen content is the prevalent factor. Its reduced depth means that access to buildings and integration within interior design is straightforward and hassle-free.

Blue ON LED and Ambient Light Sensor
New mechanical structure allows for sleeker LED and ambient light sensor design. Auto dimming of the LED backlights can be utilized through the ambient light sensor allowing the brightness to change depending on the external lux in the room of installation.

Equipped with a Powered USB Port
The display is equipped with a powered USB port of 5 V / 2 A. Power can also be supplied to USB power-supply devices.

The Media Player Function can Play and Display Movies and Images Saved on a Storage Device
By connecting a USB storage device or microSD memory card containing video data and image files, videos and images can be presented without a computer. This means that digital photos, videos, and music that teachers and students have recorded can be used in the classroom without disrupting the flow of the class. The display can also be used to display information and background videos in reception lobbies, lounges, waiting rooms, and other areas.

Key Guide
New Key Guide function allows for easier access to buttons when manually controlling the unit via the buttons on the back of the display by adding a graphic on the screen that directs the customer to the correct button location in both landscape and portrait modes.

Data formats supported

<table>
<thead>
<tr>
<th>Supported file extensions</th>
<th>Image data format</th>
<th>Video data format</th>
<th>Audio data format</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAT16 / FAT32</td>
<td>JPEG, PNG</td>
<td>MPEG1, MPEG2, H.264, WMV</td>
<td>WMA (in video file)</td>
</tr>
<tr>
<td>480i, 720i, 1080i</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>480p, 720p, 1080p</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For details, see the website or the user’s manual.

Built-in High-output 10 W + 10 W Stereo Speakers for Convenient Audio Playback
The built-in 10 W + 10 W stereo speakers can play audio signals from various video devices at a high volume to deliver clear sounds to a room.

*For details, visit the website or the user’s manual.*
L-Shaped Connectors

Connectors are located on both the bottom and side of the display to allow for easy access regardless of orientation.

NaViSet® Administrator 2

This software is an all-in-one remote support solution that runs from a central location and provides monitoring, asset management and control of the majority of NEC display devices and Windows computers. It is ideal for multi-device installations over larger infrastructures.

Supports Portrait Installations Suitable for Digital Signage

The display itself can be installed vertically, which widens the range of practical uses to include signage, such as signs and electronic guidance boards in public areas. In addition, the bezel width is symmetrical around the screen, and a function is included to rotate the settings menu projected on the display, so the display can be used without it feeling out of place.

Removable Logo

When mounting from Landscape to Portrait orientation, there is now the ability to change the orientation of the logo or remove it all together.

Other Useful Features and Functions

- Fan-less silent design
- Scheduler with real-time clock
- Intelligent power management system
- Screen saver function
- Aspect ratio control
- Memo function
- Carbon footprint metre
- Point zoom
- Control lock function
- 6-axis colour adjustments and sRGB standard
- Advanced video settings (Noise reduction, adaptive contrast)
- Colour temperature adjustment
- Tile matrix, tile comp
- Power-on delay
- Remote control ID

- Plug and play (DDC/CI, DDC2B)
- HDCP (High-bandwidth Digital Content Protection)
- Ethernet and RS-232C control and communication
- CRESTRON ROOMVIEW™
- AMX Discovery HTTP server
- PJLink
- SNMP (Simple Network Management Protocol)
- HDMI CEC (Consumer Electronics Control)
- Firmware update over LAN
- Rear metal cabinet with VESA Standard (FDMIv1) Mounting Interface
## Specifications

### LCD MODULE
- **Viewable size (diagonal):** 55” / 1,387.8 mm (C551), 50” / 1,257.3 mm (C501), 43” / 1,079.5 mm (C431)
- **Active screen area (W × H):** 1,209.6 × 680.4 mm (C551), 1,124.7 × 645.3 mm (C501), 970.7 × 558.9 mm (C431)
- **Panel technology:** VA
- **Native resolution:** 1,920 × 1,080
- **Brightness (factory setting / maximum):** 280 / 400 cd/m²
- **Contrast ratio (typical):** 4,000:1 (Native contrast)
- **Viewing angle [°]:** 178 horizontal / 178 vertical (at CR>10)
- **Response time (typical):** 6.5 ms (G to G)
- **Backlight:** Edge LED backlight

### CONNECTIVITY
- **Input terminals:**
  - DisplayPort × 1
  - HDMI × 3
  - Mini D-sub 15 pin × 1
  - RCA × 1
- **Output terminal:**
  - Analog: Mini D-sub 15 pin × 1
  - Digital: HDMI × 3, DisplayPort × 1
- **External control:**
  - Digital: HDMI × 3, DisplayPort × 1, Analog: 3.5 mm stereo mini jack × 2
  - Digital: HDMI × 3, DisplayPort × 1, Analog: 3.5 mm stereo mini jack × 1
- **USB port:**
  - USB Type A, Power supply port 5V / 2A (max.)
- **SD card slot:**
  - micro SD card × 1, Up to 32GB microSDHC is supported
- **Speaker output:** 10 W + 10 W

### POWER
- **Power requirement (100 – 240 V):** 71 W
- **Power consumption (typical):** 65 W
- **Power consumption (Network standby mode):** 2.0 W
- **Power consumption (Normal standby mode):** 0.5 W

### PHYSICAL SPECIFICATIONS
- **Bezel width (L/R, T/B):** 12.4 mm
- **Dimensions (without stands: W × H × D):**
  - C551: 1,124.7 × 645.3 × 45.0 mm
  - C501: 1,124.7 × 685.3 × 267.7 mm
  - C431: 970.7 × 558.9 × 45.0 mm
- **Dimensions (with stands: W × H × D):**
  - C551: 1,238.4 × 709.2 × 45.0 mm
  - C501: 1,238.4 × 742.0 / 762.0 × 267.7 mm
  - C431: 970.7 × 594.7 × 45.0 mm
- **Packaging dimensions (W × H × D):**
  - C551: 1,300 × 848 × 220 mm
  - C501: 1,300 × 848 × 220 mm
  - C431: 1,136 × 704 × 172 mm
- **Net weight (without stands):**
  - C551: 16.1 kg
  - C501: 23.0 kg
  - C431: 12.5 kg
- **Gross weight (with box):**
  - C551: 21.2 kg
  - C501: 27.1 kg
  - C431: 18.8 kg

### ENVIRONMENTAL CONDITIONS
- **VESA compatible mounting interface:**
  - 300 × 300 mm (M6, 4 holes)
- **Supported orientations:** Landscape, Portrait
- **Operating temperature:** 0°C to 40°C
- **Operating humidity:** 20% to 80% (without condensation)
- **Projector hours:** 24 / 7
- **Sensor:**
  - Ambient light sensor
  - Internal light sensor
  - Sensor switch function: programmable
- **Included:**
  - Power cord × 1, V
cable × 1, IR remote control × 1, Batteries, Setup manual × 1, Clamp and screw × 1, Wall mount adapter × 4, Wall mount adapter screw × 4, microSD card slot cover and screw × 1, CD-ROM × 1

## Dimensions

### C551 / C501 / C431

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>C551</td>
<td>1,124.7 × 645.3 × 45.0</td>
</tr>
<tr>
<td>C501</td>
<td>1,124.7 × 685.3 × 267.7</td>
</tr>
<tr>
<td>C431</td>
<td>970.7 × 558.9 × 45.0</td>
</tr>
</tbody>
</table>

## Options

- **External Sensor Kit**
  - Ambient light
  - KT-RC2
- **Wireless MultiPresenter Stick**
  - MP10RX

**Note:** For more information, please visit [http://www.nec-display.com/ap/](http://www.nec-display.com/ap/).