\Orchestrating a brighter world

NEC

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/m^2 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.
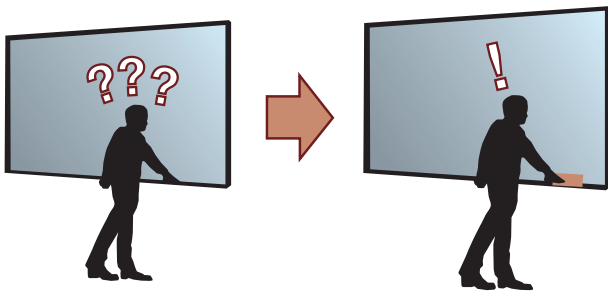
Blue ON LED and Ambient Light Sensor

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.
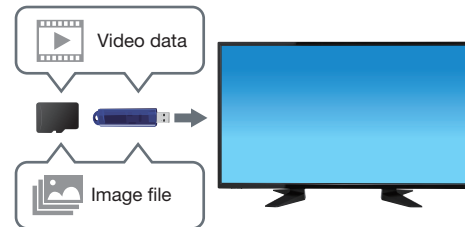
Key Guide

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.

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.

Video data

Image file

Data formats supported

Supported file systems	FAT16 / FAT32
Image data format	JPEG, PNG
Video data format	MPEG1, MPEG2, H.264, WMV
Audio data format	LPCM, MP3, (AAC, WMA in video file)

* 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.

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.

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
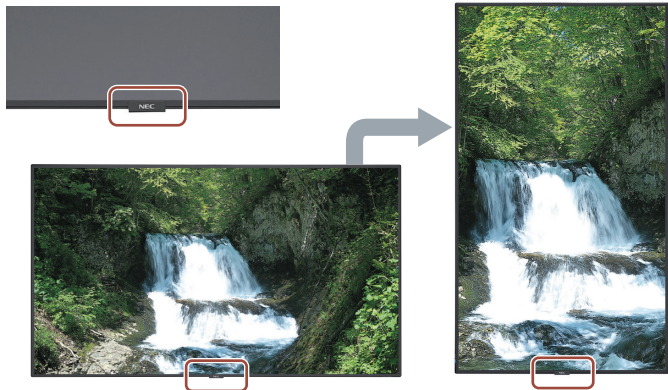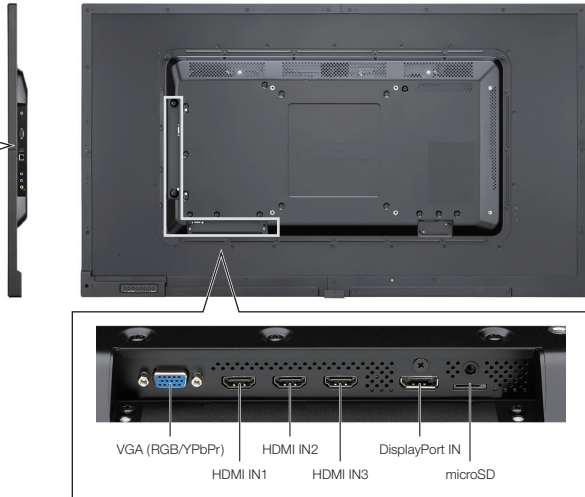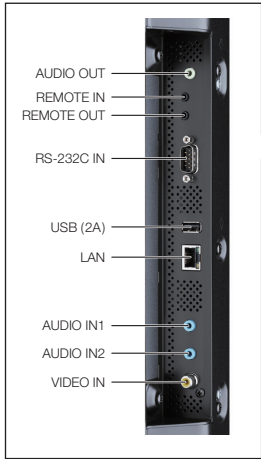
NaViSet® Administrator 2

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.

NaViSet Administrator 2

L-Shaped Connectors

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

AUDIO OUT
REMOTE IN
REMOTE OUT
RS-232C IN
USB (2A)
LAN
AUDIO IN1
AUDIO IN2
VIDEO IN

VGA (RGB/YPbPr)
HDMI IN1
HDMI IN2
HDMI IN3
DisplayPort IN
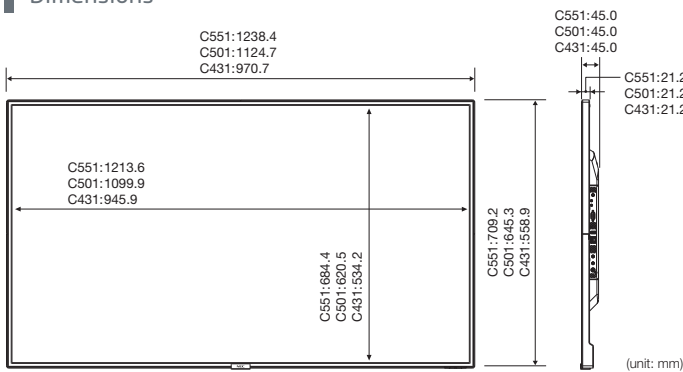microSD

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

HDMI®
HIGH-DEFINITION MULTIMEDIA INTERFACE

MultiSync® C551 / C501 / C431

Specifications

MODEL		C551	C501	C431
LCD MODULE				
Viewable size (diagonal)		55"/ 1,387.8 mm	50"/ 1,257.3 mm	43"/ 1,079.5 mm
Active screen area (W × H)		1,209.6 × 680.4 mm	1,095.8 × 616.4 mm	940.9 × 529.3 mm
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)		8 ms (G to G)	6.5 ms (G to G)	8 ms (G to G)
Backlight		Edge LED backlight		
CONNECTIVITY				
Input terminals	DisplayPort	DisplayPort × 1		
	HDMI	HDMI × 3		
	VGA	Mini D-sub 15 pin × 1		
	Video	RCA × 1		
	Audio	Digital: HDMI × 3, DisplayPort × 1, Analogue: 3.5 mm stereo mini jack × 2		
Output terminal	Audio	3.5 mm stereo mini jack × 1		
External control	RS232C	D-Sub 9 pin × 1		
	Ethernet	RJ-45 10BASE-T / 100BASE-TX × 1		
	Remote in	3.5 mm stereo mini jack × 1		
	Remote out	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	Internal speakers	10 W + 10 W		
POWER				
Power requirement (100 – 240 V)		1.55 – 0.65 A	1.50 – 0.60 A	1.35 – 0.55 A
Power consumption (typical)		75 W	65 W	50 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)		1,238.4 × 709.2 × 45.0 mm	1,124.7 × 645.3 × 45.0 mm	970.7 × 558.9 × 45.0 mm
Dimensions (with stands: W × H × D)		1,238.4 × 742.0 / 762.0 × 267.7 mm	1,124.7 × 685.3 × 267.7 mm	970.7 × 594.7× 267.7 mm
Packaging dimensions (W × H × D)		1,430 × 920 × 250 mm	1,300 × 848 × 220 mm	1,136 × 704 × 172 mm
Net weight (without stands)		18.8 kg	16.1 kg	12.5 kg
Gross weight (with box)		27.1 kg	23.0 kg	17.5 kg
VESA compatible mounting interface		300 × 300 mm (M6, 4 holes)		
Supported orientations		Landscape, Portrait		
ENVIRONMENTAL CONDITIONS				
Operating temperature		0°C to 40°C		
Operating humidity		20% to 80% (without condensation)		
ADDITIONAL FEATURES				
Operating hours		24 / 7		
Sensor	Ambient light sensor	Integrated, triggered actions programmable		
ACCESSORIES				
Included		Power cord × 1, VGA 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

C551:1238.4
C501:1124.7
C431:970.7

C551:1213.6
C501:1099.9
C431:945.9

C551:684.4
C501:620.5
C431:534.2

C551:709.2
C501:645.3
C431:558.9

C551:45.0
C501:45.0
C431:45.0

C551:21.2
C501:21.2
C431:21.2

(unit: mm)

Options

External Sensor Kit
Ambient light
IR remote
KT-RC2

Wireless MultiPresenter Stick
MP10RX

Stand
ST-401

Local options: please contact your supplier.

NEC Display Solutions, Ltd.

http://www.nec-display.com/ap/