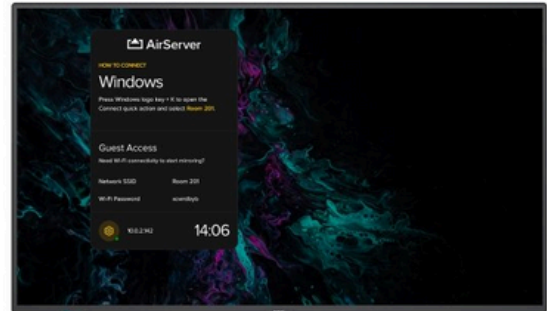
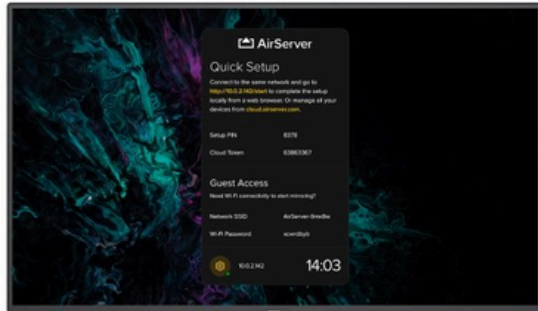


LCD 55" Midrange Large Format Display (incl. AirServer® Embedded Screen Mirroring Solution)

NEC MultiSync® M551 AirServer



Content sharing made simple with native wireless screen mirroring

Initiating effective collaboration in meeting rooms has never been easier to plan, install and operate. Simply share content from your personal device to the large meeting room display.

The MultiSync® ME/M series AirServer models provide a sleek combination of intuitive screen sharing with professional display technology for meeting rooms and huddle spaces.

Future-proof and upgradable, AirServer software is powered by a pre-installed modular SoC Raspberry Pi module which transforms the Sharp M and ME series large format display into a universal screen mirroring receiver. With AirServer enabled on the Sharp large format display, users can wirelessly mirror the content on their personal screen (Mac or PC, iPhone, iPad, Android or Chromebook) to the meeting room display, instantly turning the room into a collaborative space.

Benefits

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

Secure remote management – control your devices remotely and securely using NEC NaviSet Administrator 2; proactively manage maintenance requirements saving time and resources

Unhindered readability – no reflections from windows or other light sources means no disruption to the visibility of signage content or meeting room presentation

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.

Future Ready Connectivity – featuring multiple industry standard digital and analogue signal inputs for flexible integration into AV infrastructures.

Specifications

Product Information

Product Name

NEC MultiSync®M551 AirServer

Product Group

LCD 55" Midrange Large Format Display (incl. AirServer® Embedded Screen Mirroring Solution)

Order Code

40001582

Display

Panel Technology

IPS with Edge LED backlights

Screen Size [inch/cm]

55 / 138.8

Aspect Ratio

16:9

Brightness [cd/m²]

500

Contrast Ratio

≥ 8000:11

Viewing Angle [°]

178 horizontal / 178 vertical (typ. at contrast ratio 10:1)

Colour Depth [bn]

1.076 (10bit)

Response Time (typ.) [ms]

8

Panel Refresh Rate [Hz]

60

Haze Level [%]

Pro (28)

Supported Orientation

Landscape; Portrait

Resolution

Native Resolution

3840 x 2160

Supported Resolutions

1024 x 768;	1440 x 900;	2560 x 1440;
1280 x 720;	1600 x 1050;	2560 x 1600;
1280 x 800;	1200 x 1050;	3840 x 2160;
1360 x 768;	1900 x 1050;	4096 x 2160
1360 x 768;	1900 x 1050;	
1400 x 768;	1200; 1920	
1050 x 1050;	x 1080;	
	1920 x	

Synchronisation Rate

2160;

Horizontal Frequency [kHz]

26 - 91.1

Vertical Frequency [Hz]

23 - 86

Connectivity

Input Video Digital

1 x DisplayPort (with HDCP); 2 x HDMI (with HDCP)

Input Audio Digital

1 x DisplayPort; 2 x HDMI

Input Control

LAN 100Mbit; remote control wire (3,5mm jack); RS232

Input Data

1 x USB 2.0 (MediaPlayer)

Output Audio Analogue

1 x 3,5 mm jack

Input Detect

Custom; First; Last

AirServer Embedded Screen Mirroring Solution

AirPlay

code and password; extend macOS display; iOS, iPadOS and macOS; screen mirroring and content sharing

Google Cast

Android, Chrome OS and Google Chrome; prompt security; screen mirroring and cast from apps with DRM

Miracast

Android and Windows; extend Windows 10 and 11 desktop; Miracast over infrastructure; screen mirroring; touchback and pen support

Guest Connectivity

2.4 and 5 GHz channel selection; access control (device only, Internet only or Internet/LAN; Wi-Fi Hotspot; WPA2 security

Video Output

up to Full HD (1920 x 1080) at 60 fps

No. of Connections

1

Networking

1 x Gigabit LAN; 802.11 ac/b/g/n Wi-Fi; 802.1X security; IPv6 addresses; Proxy

Automatic Updates

provides new features and security enhancements

Sensors

Ambient Light Sensor

Integrated, triggered actions programmable

Temperature Sensor

Integrated, 3 sensors, triggered actions programmable

Electrical

Power Consumption [W]

110 shipping

Power Savings Mode [W]

< 0.5; < 2 (Networked Standby)

Power Management

VESA DPMS

Power Supply

100-240 V AC; 50/60 Hz; internal

Environmental Conditions

Operating Temperature [°C]

+0 to +40

Operating Humidity [%]

20 to 80

Storage Humidity [%]

10 to 90

Storage Temperature [°C]

-20 to 60

Mechanical

Dimensions (W x H x D) [mm]

1,239.6 x 713 x 61.1

Weight [kg]

26.4

Bezel Width [mm]

12 (top); 12.5 (left and right); 15.6 (bottom)

VESA Mounting [mm]

300 x 300 (FDMI); 4 holes; M6

Ingress Protection

IP5x (front); IP2x (back)

Packaging Dimensions (W x H x D) [mm]

1,430 x 920 x 250

Packaging Weight [kg]

36.47

Colour Bezel

Pantone 426M (black)

Material

Metal

MediaPlayer

Supported File Storage / File System

USB 2.0 / FAT16, FAT32

Supported Image Formats

JPG (baseline, progressive, RGB, CMYK); max. resolution 15360 x 8640

Supported Video Formats

MPG (MPEG1/2/4, max res 1080p@30Hz); MP4 (MPEG2/4, H.263, H.264, HEVC/H.265, max res 3840x2160@60Hz); TS (MPEG2, H.264, HEVC/H.265, max res 3840x2160@60Hz); audio: LPCM, MP3, AAC; WMV (video H.264, Windows Media Video 9, max res 1080p@30Hz, audio WMA 9, WMA 10 Pro)

Supported Audio Formats

MP3 (MP3); max. bit-rate 320 kBit/s

Available Options

Accessories

Feet (ST-43M); Soundbar (active: SP-ASCM-IQ2 / SP-ASCM-2); Speaker (SP-RM3a); Trolley (PD04-Tipster Trolley); Wall mount (PDW S 32-65 L, PDW S 32-65 P)

Regulatory

Safety and Ergonomics

BSMI; CE; EAC; EMC Class B; Energy Star 8; FCC Class B; KC/KCC; PSB; RCM; RoHS; VCCI

Pixel Failure Class

ISO 9241-307, Class 1

Resistance to Fire

Metal backcover, plastic material certified acc. to UL94-5VB

Green Features

Energy Efficiency

Energy consumption: 100 kWh/1000 h; Energy efficiency class: G; LED backlight

Ecological Standards

EnergyStar 8.0

3rd Party Certifications

Crestron

Certified for Crestron Connected

Additional Features

Special Characteristics

DICOM Simulation; HDMI ARC; Powered USB Port (10 W); Removable Logo

Audio

Integrated Speakers (10 W + 10 W)

Shipping Content

2x AAA batteries; Display; HDMI Cable; Power Cable; Remote Control; Setup Manual

Warranty

3 years warranty incl. backlight; additional services available; optional 4. + 5. year warranty extension²

Operating Hours

24/7

External Control

AMX NetLinx Support; ASCII Control Commands; Crestron Connected; HDMI CEC; HTTP Browser; PJLink; Scheduled Timer; SNMP

Remote Management

Automated Email Alerts; NaViSet Administrator 2

Security

Disable HW Buttons; Disable IR Functionality; Emergency Notification

¹ out of the box conditions. Local dimming ON
Please refer to terms and conditions of warranty extensions

²



RoHS



CE



FCC Class B



VCCI



RCM

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