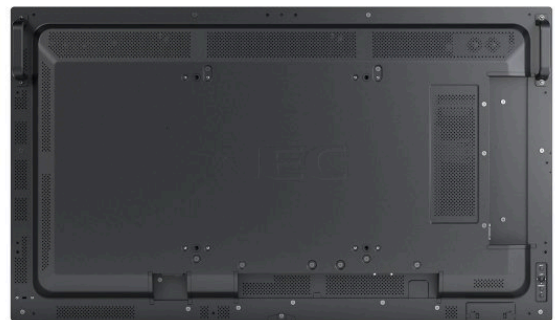


NEC MultiSync® M491 USB-C

LCD 49" Midrange Large Format Display (with integrated USB-C Interface)

Datasheet



Intuitive professional content delivery

Great first impressions can make all the difference; presenting your business in the best possible way will boost your brand. With slim, modern styling, 24/7 operation and high haze panel to reduce reflections when ambient light is high, the M series is the professional way to deliver your message, yet at an attractive price point.

Designed for seamless collaboration in today's meeting rooms, this display features an USB-C interface for effortless one-cable connection of your laptop, streamlining setup and maximizing productivity.

Benefits

Plug & Play experience with integrated USB-C interface - connect your notebook to the meeting room display and instantly your notebook content will appear on the big screen.

Enhanced imaging performance - advanced settings of all relevant visual parameters allow full control of brightness, colour, gamma and uniformity via the SpectraView Engine for precise, natural images.

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

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.

Product Information

Product Name	NEC MultiSync® M491 USB-C
Product Group	LCD 49" Midrange Large Format Display (with integrated USB-C Interface)
Order Code	60006092

Display

Panel Technology	IPS with Edge LED backlights
Screen Size [inch/cm]	49 / 123.2
Aspect Ratio	16:9
Brightness [cd/m ²]	500
Contrast Ratio	≥ 8000:1 ¹
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	Face Up ² ; Landscape; Portrait

Resolution

Native Resolution	3840 x 2160			
Supported Resolutions	1024 x 768; 1280 x 1024; 1280 x 720; 1360 x 768;	1366 x 768; 1400 x 1050; 1440 x 900; 1600 x 1200;	1650 x 1050; 1900 x 1200; 1920 x 1080; 1920 x 2160;	3840 x 2160; 4096 x 2160

Synchronisation Rate

Horizontal Frequency [kHz]	15 - 135
Vertical Frequency [Hz]	23 - 86

Connectivity

Input Video Digital	1 x DisplayPort (with HDCP); 1 x USB-C (with HDCP, 45 W); 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 (Downstream); 1 x USB 2.0 (Powered 5V/2A, Firmware Updates); 1 x USB 2.0 Type-B (Downstream); 1 x USB 3.1 USB Type-C (AV Peripherals); 2 x USB 3.1 Type-A (AV Peripherals)
Output Audio Analogue	1 x 3,5 mm jack

Input Detect	Custom; First; Last
--------------	---------------------

Sensors

Ambient Light Sensor	Integrated, triggered actions programmable
----------------------	--

Temperature Sensor	Integrated, 3 sensors, triggered actions programmable
--------------------	---

Electrical

Power Consumption [W]	95 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]	1,103.4 x 636.2 x 61.1
--------------------------------	------------------------

Weight [kg]	21.8
-------------	------

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]	1,298 x 860 x 224
--	-------------------

Packaging Weight [kg]	28.7
-----------------------	------

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); MPi4 NEC MediaPlayer Kit; Presence Sensor (KT-RC3); 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: 90 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 extension ³
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; NEC NaViSet Administrator 2
Security	Disable HW Buttons; Disable IR Functionality; Emergency Notification

¹ out of the box conditions, local dimming ON

² adjusted usage conditions for face up/down installations, please refer to operational guidelines or contact our support

³ please refer to terms and conditions of warranty extensions



RoHS



CE



RCM



VCCI



FCC Class B

This document is © 2024 Sharp NEC Display Solutions Europe GmbH.

All rights reserved in favour of their respective owners. All hardware and software names are brand names and/or registered trademarks of the respective manufacturers. All specifications are subject to change without notice. Errors and omissions are excepted. 12.08.2024