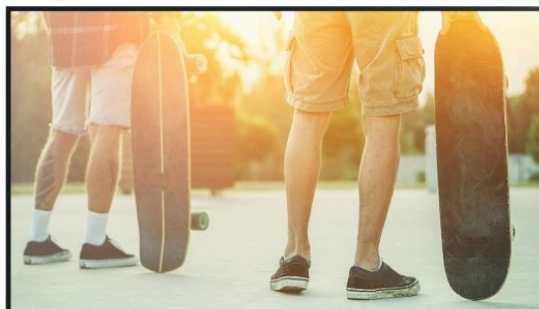


LCD 49" Protective Glass Large Format Display

NEC MultiSync® M491 PG



Meticulously Powerful Signage with Professional Protection

The NEC MultiSync® M491 PG-2 combines professional protection of your investment with unparalleled display performance. Deliver your message with impact and seamless simplicity for the most convincing results.

Guaranteed reliability even under the toughest conditions is achieved with the super robust 4mm thick protective glass designed to withstanding external impacts. The anti-reflective glass surface combined with brightness levels of 500 cd/m² provides crisp and clear images and readability from different viewing angles and distances.

The MultiSync® M491 PG-2 is the perfect choice for creating a big and durable impression in public spaces with high volumes of people such as for applications in transportation, retail, hospitality and digital out of home as well as for tough environments in industrial applications.

Benefits

Maximum investment security – assured as the display is protected against damage from external impacts such as knocks and blows.

Superb readability – supported through the use of anti-reflective and high light-transmission Conturan® protective glass from Schott.

Protects the public – the thermally toughened protective glass will disintegrate into small fragments reducing the risk of injury should it suffer extreme damage.

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.

Specifications

Product Information

Product Name

NEC MultiSync® M491 PG

Product Group

LCD 49" Protective Glass Large Format Display

Order Code

60005103

Display

Panel Technology

IPS with Edge LED backlights

Screen Size [inch/cm]

49 / 123.2

Aspect Ratio

16:9

Brightness [cd/m²]

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

Landscape; Portrait

Protective Glass

Type

Premium toughened glass, anti-glare coating; Schott Conturan Protective Glass

Thickness [mm]

4

Light Transmission [%]

≥ 97

Reflection Rate [%]

1

Impact Resistance

withstands impacts of up to 7.5J (higher than IK08)

Resolution

Native Resolution

3840 x 2160

Supported Resolutions

1024 x 768;	1440 x 900;	2560 x 1440;
1280 x 1024;	1600 x 1200;	2560 x 1600;
1280 x 720;	1650 x 1050;	3840 x 2160;
1360 x 768;	1900 x 1200;	4096 x 2160
1366 x 768;	1920 x 1080;	
1400 x 1050;	1920 x 2160;	

Synchronisation Rate

Horizontal Frequency [kHz]

26 - 135

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

Open Modular Intelligence

Intel® SDM

accepts Intel® Smart Display Modules Large and Small up to 66 W

Compute Module Slot

RPi Compute Module 4

Sensors

Ambient Light Sensor

Integrated, triggered actions programmable

Temperature Sensor

Integrated, 3 sensors, triggered actions programmable

Electrical

Power Consumption [W]

80 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]

1,122.6 x 644.2 x 69.8

Weight [kg]

31.8

Bezel Width [mm]

12 (top); 12.5 (left/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]

38.7

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

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 ²

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

² please refer to terms and conditions of warranty extensions



RCM



VCCI



FCC Class B



RoHS



CE

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