LCD 40" Mirror Glass Display

NEC MultiSync® P404 MG





Create a completely new and inspiring Retail Experience

How can you shine out in the crowd and win attention to engage your customers? Invite your customers on a fascinating journey where Digital Signage blends seamlessly with fitting room mirrors.

The semi- transparent mirror glass of the NEC MultiSync® P404 MG creates a captivating interplay between a real mirror and a signage display. Retailers can offer additional and targeted information such as size range, colours or coordinating accessories while allowing the shopper to use the mirror surface to check the look and decide on their favourite styles. Guaranteed reliability and readability even under tough conditions is achieved with the super robust protective glass combined with high brightness levels of 700 cd/m².

This highly innovative screen concept makes the 40" MultiSync® P404 MG the ideal signage solution for Retailers that want to engage their customers with an enriched shopping experience whilst effectively increasing sales in parallel.

Benefits

Two-in-one device – the semi-transparent MIRONA® mirror glass from SCHOTT transforms the screen into a fusion of real mirror and signage display.

Create a captivating customer experience – the exciting visual interplay enhances customer engagement by blending the benefits of a digital signage display with the visual clarity of a fitting room mirror.

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.

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

Future Ready with Open Modular Intelligence Expansion – upgrade the power of your display at any time by seamlessly integrating one of NEC's options for OPS Slot-in PCs, Raspberry Pi compute modules or signal interfaces for content feed and computing.

Specifications

Product Information

Product Name
NEC MultiSync® P404 MG

Product Group
LCD 40" Mirror Glass Display

Order Code
60004424

Display

Panel Technology
S-PVA with edge LED backlights

Active Screen Area (W x H) [mm]
885.6 x 498.2

Screen Size [inch/cm]
40 / 101.6

Brightness [cd/m²]
700, 500 Eco (shipment setting)

Contrast Ratio (typ.)
4000:1

Viewing Angle [°]
178 / 178 (at contrast ratio > 10:1)

Colour Depth [bn]
1.073 (10bit)

Response Time (typ.) [ms]
8 (grey-to-grey)

Haze Level [%]
Pro (25)

Supported Orientation
Face Up [1]; Landscape; Portrait

Protective Glass

Type
Semi-transparent mirrored glass, thermally toughened

Thickness [mm]
4

Light Transmission [%]
42 (+/- 5 %)

Resolution

Native Resolution
1920 x 1080

Supported Resolutions

1024 x 768;	1366 x 768;	1920 x 1200;
1280 x 1024;	1400 x 1050;	1920 x 2160;
1280 x 720;	1440 x 900;	3840 x 2160;
1280 x 800;	1600 x 1200;	4096 x 2160;
1280 x 960;	1680 x 1050;	640 x 480;
1360 x 768;	1920 x 1080;	800 x 600

Synchronisation Rate

Horizontal Frequency [kHz]
31.5 - 91.1 (analog and digital)

Vertical Frequency [Hz]
24 - 85

Connectivity

Input Video Analogue
1 x VGA

Input Video Digital
1 x DVI-D (with HDCP); 2 x DisplayPort (with HDCP); 2 x HDMI (with HDCP)

Input Audio Analogue
2 x 3,5 mm jack

Input Audio Digital
2 x DisplayPort; 2 x HDMI

Input Control
1 x LAN 100Mbit; 1 x Remote Control (3.5 mm jack); 1 x RS232

Input Data
1 x microSD (MediaPlayer); 1 x USB 2.0 (MediaPlayer); 1 x USB 2.0 (Service); 1 x USB Type-B (Upstream); 2 x USB 2.0 (Compute Module, 1 x 5V/2A powered)

Output Video Digital
1 x DisplayPort (loop through: DisplayPort, OPS slot-in PC)

Output Audio Analogue
1 x 3,5 mm jack

Output Control
1 x LAN 100Mbit

Open Modular Intelligence

OPS Slot
Slot Technology: Open pluggable specification (NEC / Intel OPS standard)

OPS Max. Current / Power Consumption [A / W]
10 / 61

Compute Module Slot
Slot Technology: Compute Module 3 Slot (NEC proprietary standard)

Sensors

Ambient Light Sensor
Integrated, triggered actions programmable

Human Sensor
Optional, external, 4-5m range, triggered actions programmable

Temperature Sensor
Integrated, 3 sensors, triggered actions programmable

NFC Sensor
Integrated, 2cm range, free NEC Android App required

Electrical

Power Consumption [W]
90 Eco (shipment setting)

Power Savings Mode [W]
< 0.5 (ECO Standby); < 3 (Networked Standby)

Power Management
VESA DPMS

Environmental Conditions

Operating Temperature [°C]
+0 to +35

Operating Humidity [%]
20 to 80

Mechanical

Dimensions (W x H x D) [mm]
925 x 537.6 x 63.2

Weight [kg]
21

Bezel Width [mm]
16.7 (top/bottom); 16.9 (left/right)

VESA Mounting [mm]
300 x 300 (FDMI); 4 holes; M6

Ingress Protection
IP5X (front); IP2X (back)

MediaPlayer

Supported File Storage / File System
MicroSDHC / FAT16, FAT32; USB 2.0 / FAT16, FAT32

Supported Image Formats
JPG (baseline, progressive, RGB, CMYK); max. resolution 5000 x 5000; PNG (interlace, alpha channel); max. resolution 4000 x 4000

Supported Video Formats
MP4 / MOV / FLV (video H.264, audio MP3, AAC); max. resolution 1080p at 30 Hz, 1080i at 60 Hz; MPG (video mpeg1/2, audio mpeg audio layer2/3, AAC-LC); MP @ ML, MP @ HL; WMV (video H.264, wmv advanced L3, wmv simple / main, audio mp3 wmv std); max. resolution 1080p at 30 Hz, 1080i at 60 Hz

Supported Audio Formats
MP3 (MP3); max. bit-rate 320 kBit/s; WAV (LPCM); max. 48 kHz sampling

Available Options

Accessories
Feet (ST-401); Speaker (SP-TF1); Trolley (PDMHM-L); Wall mount (PDW S 32-55 L and P, PD02W T M L, PD03W T M P)

Compute Module Slot
NEC Compute Module; Raspberry Pi Compute Module 1 and 3

OPS Slot
HD-SDI 1.5G, 3G; HDBaseT receiver; Intel® Atom, Celeron and Core CPUs; OPS-2C HDMI + DP Interface; OPS-2C Quad 3G SDI

Regulatory

Safety and Ergonomics
C-tick; CE; EMC Class B; FCC; PSB; RoHS; TÜV GS; UL/C-UL or CSA; VCCI

Green Features

Energy Efficiency
Ambient Light Sensor; Carbon Savings Meter; ECOMode; Energy Consumption: 110 kWh/1000 h; Energy Efficiency Class: G; Human Sensor

Ecological Materials
Manuals on CD; Optional feet

Additional Features

Special Characteristics

Ambient Light Sensor; AMX NetLinx Support; ASCII Control Commands; Auto ID assignment; Auto tiling function; Automated Email Alert; CEC Support; Crestron RoomView Support; DICOM Simulation; Display Browser Control; Emergency Notification; Full System Scheduler; Hardware colour calibration possible; Image flip; Intelligent Wireless Data (based on NFC); KeyGuide; MediaPlayer with Browser Control; NaViSet Administrator 2 - free download; OmniColor Control; OSD rotation for portrait mode; PJLink Support; Point Zoom Function; Powered USB-Port; Programmable 12-bit LUT with 3 memory banks; Removable Logo; Secure Mode Operation; Slim LED Indicator; SNMP Support; TileMatrix (10 x 10); User readable log function; Various picture in picture options

Colour Versions

Black Front Bezel, Black Back Cabinet; optional coloured overframes

Audio

Integrated Speakers (10 W + 10 W); Optional Speakers (15 W + 15 W)

Shipping Content

CD-ROM (User Guides/Manuals); Display; DVI-D cable; Power Cable; Remote Control

Warranty

3 years warranty incl. backlight; additional services available; optional 4. + 5. year warranty extension [2]

Operating Hours

24/7

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

[2] please refer to terms and conditions of warranty extensions

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