\Orchestrating a brighter world

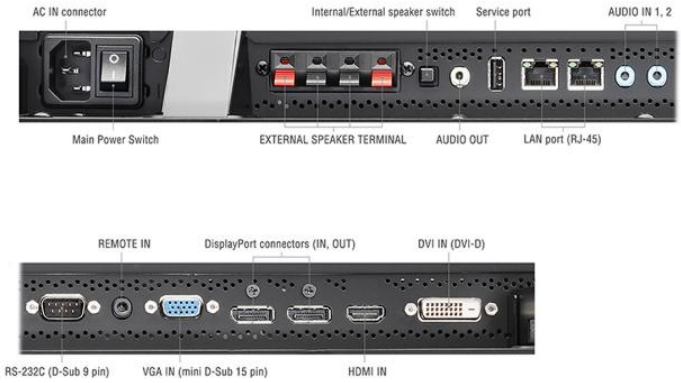
NEC

MultiSync® X474HB

LCD 47" High Brightness Large Format Display

Datasheet





The MultiSync ® X474HB delivers what is needed in high brightness environments. It is designed to be installed in shopping windows or in cabinets for outdoor applications offering a brightness of 2000cd/m². New Connectivity and Sensors allow additional creativity in the content displayed and how it is controlled. The unique built-in NFC sensor in combination with NEC's new Android app reduces installation and maintenance times, especially useful on larger installations. The Human Sensor is aware of proximity based viewer presence and can change brightness, volume, inputs or power the display up or down resulting in added engagement and considerable energy savings over time.

This display is ideal for any heavy duty digital signage application that requires extremely high brightness levels and sunlight proof operation.

Benefits

Superb readability in any lighting condition – crisp playback of contents thanks to high brightness of 2000 cd/m² and reliable 10-bit S-IPS colour reproduction combined with an optical (Quarter Lambda) Filter to guarantee an impressive viewing experience even through polarized sunglasses.

Sunlight-proof operation – with highly temperature-resistant LCD panel coating to withstand direct sunlight without blackening effects.

Programmable Ambient Light Sensor – automatically adapts brightness to suit ambient light conditions ensuring reduced power consumption and eye pleasing luminosity levels.

Future Ready with OPS Cable Free Expansion – upgrade the power of your display at any time while seamlessly integrating one of our various Slot-in PCs, signal interfaces and other OPS compatible products without the need for external cables or devices.

Mission-critical 24/7 ready operation – with reliable, industry grade components and NEC trusted performance.

Convenient installation and maintenance with NFC – the built-in near field communication allows pre-configuration and servicing of the display by using an NFC capable device loaded with the NEC Android App.

Automatically respond to viewer presence – to minimise unnecessary power use or for creative signage applications the optional Human Sensor adapts the display brightness or changes inputs when a person enters a proximity zone.

Cost Saving Device Management – save effort whilst managing all connected NEC devices from a centralised location by using the NaViSet Administrator 2 software tool.

Product Information

Product Name	MultiSync® X474HB
Product Group	LCD 47" High Brightness Large Format Display
Order Code	60003764

Display

Panel Technology	1/4 lambda filter and shine out; S-IPS with Direct LED backlights
Active Screen Area (W x H) [mm]	1,040 x 585
Screen Size [inch/cm]	47 / 119
Brightness [cd/m²]	2000, 1200 Eco (shipment setting)
Contrast Ratio (typ.)	1300:1
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Response Time (typ.) [ms]	10 (grey-to-grey)
Haze Level [%]	2
TNi [°C]	110
Supported Orientation	Landscape; Portrait

Synchronisation Rate

Horizontal Frequency [kHz]	31.5 - 91.1 (analog and digital)
Vertical Frequency [Hz]	50 - 85

Resolution

Native Resolution	1920 x 1080 at 60 Hz
Supported on DisplayPort and HDMI	3840 x 2160 (24/30 Hz); 1920 x 1080; 1600 x 1200; 1360 x 768; 1280 x 1024; 1280 x 768; 1080i; 1080p; 1024 x 768; 800 x 600; 720p (50/60 Hz); 640 x 480; 576p (50 Hz); 480p (60 Hz)
Supported on HDMI only	4096 x 2160 (24 Hz); 3840 x 2160 (25 Hz); 1360 x 768; 576i (50 Hz); 480i (60 Hz)

Connectivity

Input Video Analogue	1 x D-sub 15 pin
Input Video Digital	1 x DisplayPort (with HDCP); 1 x DVI-D (with HDCP); 1 x HDMI (with HDCP)
Input Audio Analogue	2 x 3,5 mm jack
Input Audio Digital	1 x HDMI; DisplayPort
Input Control	LAN 100Mbit; remote control wire (3,5mm jack); RS232
Output Video Digital	1 x DisplayPort out (loop through:DisplayPort, DVI-D, HDMI, Interface Extension Slot, OPS)
Output Audio Analogue	3,5mm jack
Output Control	LAN 100Mbit
Remote Control	LAN with SNMP; Remote Control IR (internal/external (optional) sensor); RS-232C (9-pin D-sub) Input

Open Modular Intelligence

OPS Slot	Slot Technology: Open pluggable specification (NEC / Intel OPS standard)
Inrush Current [A]	max. 10
Power Consumption [W]	max. 61
Voltage / Current [V/A]	16/4

Interface Extension Slot

Slot Technology	analogue and digital interface extension (NEC 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]	209 Eco (shipment setting), 260
Power Savings Mode [W]	< 0.5 (ECO Standby); < 1
Power Management	VESA DPMS

Environmental Conditions

Operating Temperature [°C]	+0 to +40
Operating Humidity [%]	20 to 80

Mechanical

Dimensions (W x H x D) [mm]	Without stand: 1,084 x 628 x 147
Weight [kg]	Without stand: 26.9
Bezel Width [mm]	19.3 (left and right); 19.3 (top and bottom)
VESA Mounting [mm]	300 x 300 (FDMI); 4 holes; M6
Ingress Protection	IP40 (front); IP20 (back)

Additional Features

Special Characteristics	Auto ID assignment; Auto tiling function; Automatic Alarm E-Mails; HTTP Server; Image flip; NaViSet Administrator 2; Point Zoom Function; Programmable 10-bit LUT with 3 memory banks; Sticky Note Function in OSD; User readable log function
Safety and Ergonomics	C-tick; CE; FCC Class B; PSB; RoHS; TÜV GS; UL/C-UL or CSA; VCCI
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
Operating Hours	24/7

Available Options

Accessories	Feet (ST-4620); Speaker (SP-TF1, SP-RM1); Trolley (PDMHM-L); Wall mount (PDW S 32-55 L/P)
Interface Extension	SB3-AB1 analogue: Audio; Component; Composite; S-Video SB3-AB2 analogue: Audio; RGBHV SB3-DB1 digital: 2 x HDMI
OPS Slot	HD-SDI 1.5G, 3G; HDBaseT receiver; Intel® Atom, Celeron and Core CPUs; WiDi receiver

Green Features

Energy Efficiency	Ambient light sensor; Annual energy consumption: 305 kWh (based on 4 operating hours per day); Carbon savings meter; ECOMode; Energy efficiency class: D; Human Sensor
Ecological Materials	Manuals on CD; Optional feet

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