

Pure. Professional. Performance.

NEC X474HB

47" High Brightness, LED Direct Lit display for high ambient light installations

Quality is Never an Accident

A 2000 cd/m² panel brightness and quarter lambda polarizer combine with professional grade display construction and proven thermal mechanics to ensure flawless 24/7 operation for even the brightest environments.

It's Not Easy Being Green

Eco-friendly features are aplenty, with LED Direct backlighting not only enabling localized dimming capabilities but also decreasing energy consumption, lowering total cost of ownership and contributing to environmental consciousness.

Beauty is in the Eye of the Beholder

Providing a first-class solution for digital signage applications with bright, high-contrast, full high-definition panels across a variety of product sizes.



Key Features

Quality is never an accident.

Meeting the requirements for rugged 24/7 use, the NEC X474HB is professional-grade LCD display that delivers a perfect picture. Every time.

What's more, this new generation of display maintains a higher brightness while utilizes lower power consumption compared to its predecessor, utilizes less power for a higher brightness than its predecessor, and supports customizable connectivity options.

The X474HB includes:

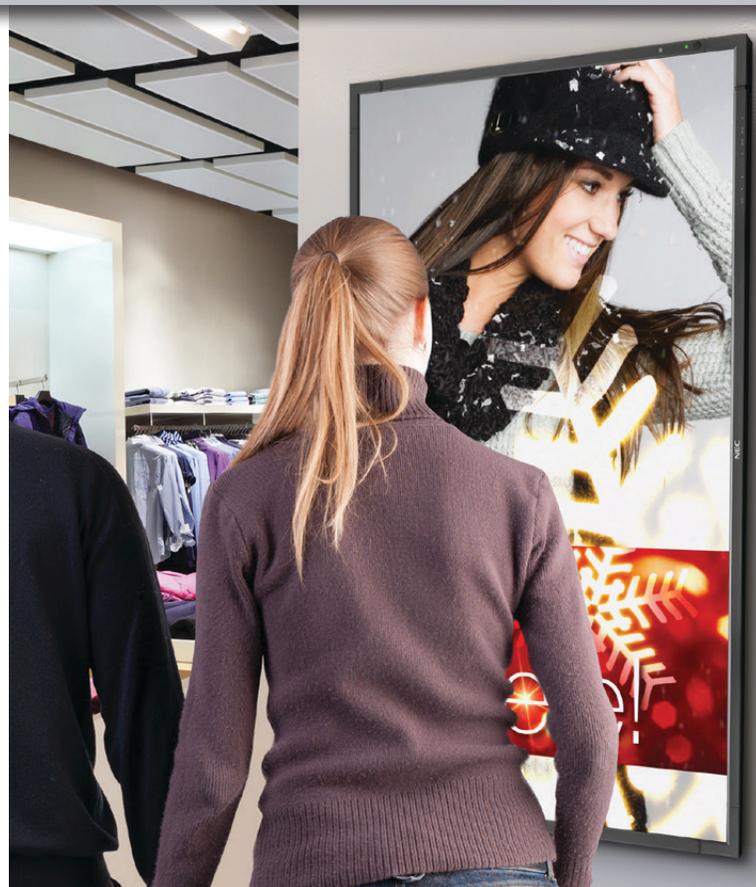
- **Open Pluggable Specification and Interface Expansion slots** offer the flexibility customers require.
- **Higher quality standards** for components means each display is made of only the best of the best.
- **Integrated temperature sensors and fans** maximize heat dissipation and the lifetime of the display while a metal rear chassis protects your investment
- **Improved processing** capabilities with faster start up and response times
- **Browser control** capabilities enable LAN and tablet display control



Beauty is in the eye of the beholder.

Display design delivers smooth video and crisp imagery. Bright, high-contrast, full high definition panels in concert with unrivaled control, communication and accessory options deliver brilliant content to customers. Gorgeous signage is further simplified with some of the advanced technologies integrated into the new X Series displays.

- **2000 cd/m² maximum brightness** ensures display and content are visible in the brightest of ambient lighting environments
- **Full high definition** panel allows for the tiniest details to be seen on screen
- **Quarter Lambda Polarizer** allows the display to be viewed in both landscape and portrait orientation in any condition
- **Two port LAN hub** simplifies installation and monitoring of deployed displays
- **Localized Dimming Function** greatly increases contrast ratio by decreasing light output in dark parts of content.



It's not easy being green.

LED backlighting delivers both environmental and economic impact. With a mercury-free display, the NEC X474HB is easier to dispose when replacement is necessary. LED-backlit displays consume less power which further reduce their impact on the environment. Additionally, intelligent, built-in eco features allow display to measure and adjust to its ambient environment, thereby efficiently using and ultimately reducing power consumption.

These include:

- **LED edge-lit backlighting** reduces power consumption and allows a slimmer cabinet depth
- **Ambient light sensor** ensures consistent brightness no matter the lighting conditions, while allowing the user to set the brightness level to a pre-determined lower level in order to automatically compensate and reduce the brightness, thus decreasing power consumption
- **Carbon footprint meter** helps track and calculate the conservation of green gas emissions in real time
- **Real-time clock/round-the-clock scheduling** allows for advanced scheduling of monitor powering up/down, increasing panel lifetime, reducing power consumption and saving the time and expense of finding and purchasing a third-party scheduling solution
- **Human sensor** accessory allows for dynamic control of brightness, audio and source input while saving operating costs



Impact delivered.

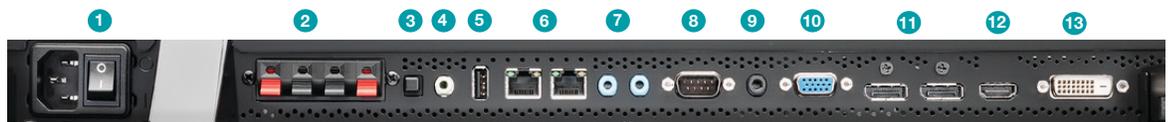
With a new chassis design, these displays deliver more than high quality images and durability.

These displays are designed to create impact with a host of new features to maximize usability and minimize costs.

- **Built in NFC sensor** reduces installation and maintenance cost
- **Multiple programmable gammas** enables superior display performance in a variety of ambient lighting conditions
- **Image Flip** supported in the on screen menu to ease mirroring images for on-set displays
- **Memo function** can assist with both set up and support by directing the user to the most appropriate contact
- **Intelligent Wireless Data** functionality enables read/write communications from a tablet that supports near field communications (NFC) to ease installations and service
- **Improved daisy chain capabilities** for video and control signals (DisplayPort and LAN) which reduce cabling requirements

Input Panel

1. Vacation Switch
2. External Speaker Terminal
3. Internal/External speaker switch
4. Audio Mini Jack Out
5. USB Service Port
6. LAN Ports
7. Audio Mini Jack In
8. RS-232C In
9. Remote In
10. VGA D-Sub In
11. DisplayPort In/Out
12. HDMI In
13. DVI-D In



Specifications

MODEL	X474HB
LCD MODULE	
Panel Technology	S-IPS
Viewable Image Size	47"
Native Resolution	1920 x 1080
Backlight Type	LED Direct-lit
Brightness (Typical/Max)	1600/2000 cd/m ²
Contrast Ratio (Typical)	1300:1
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Response Time (G-to-G)	8ms
Aspect Ratio	16:9
Active Screen Area (W x H)	40.9 x 23.0 in. / 1039.7 x 584.8mm
Orientation	Landscape/Portrait
Displayable Colors	Over 1.06 Billion
CONNECTIVITY	
Input Terminals	
Digital	DisplayPort, HDMI, DVI-D
Analog	VGA 15-pin D-sub
Audio	Audio Mini-Jack, DisplayPort Audio, HDMI Audio
External Control	RS-232C, LAN, DDC/CI, IR
Output Terminals	
Digital	DisplayPort (DisplayPort, HDMI, DVI-D or Option Signals out of this port)
Analog	n/a
Audio	Audio Mini-Jack, External Speaker Jack (2), HDMI Audio (through DisplayPort Out), DisplayPort Audio
External Control	LAN
POWER CONSUMPTION	
On (Typical)	190W
ECO Mode Standby	<0.5W
PHYSICAL SPECIFICATIONS	
Bezel Width (L/R, T/B)	0.76in./0.76in., 0.76in./0.76in./; 19.3mm/19.3mm/, 9.3mm/19.3mm
Net Dimensions (without stand; WxHxD)	42.7 x 24.7 x 5.8 in. / 1083.8 x 628.2 x 146.7mm
Net Weight (without stand)	58.4lbs / 26.5kg
VESA Hole Configuration	300 x 300 (4-hole)
ENVIRONMENTAL CONDITIONS	
Operating Temperature	32-104F / 0-40C
Operating Humidity	20 - 80%
Operating Altitude	9843 ft. / 3000m
LIMITED WARRANTY	3 years parts and labor, including backlight*
ADDITIONAL FEATURES	Advanced thermal capabilities; Ethernet Control and Communication; RS-232 Control and Communication; Landscape/portrait capable; Carbon footprint meter; Scheduler (w/ real-time clock); Screen saver function; Ambient light sensor; Optional human sensor; Intelligent Wireless Data (Near Field Communication); Expanded daisy chain (DP 1.2); 6-axis color adjustment; Metal rear cabinet; POP/PIP/Side-by-Side; Handles; Variable picture modes; Fixed/Variable Audio Out; Input labeling; Backlight adjust; Aspect ratio control; Built-in speakers; LED edge-lit backlighting; OPS/Interface Expansion slot; Quarter Lambda Polarizer; Localized Dimming; NaViSet Administrator 2 Compatibility
SHIPS WITH	Power cord; 1.8m DVI-D cable; Wireless remote control; Batteries; CD-ROM (user manual); Option board slot cover; Screws; Thumbscrews
OPTIONAL ACCESSORIES	Stand (ST-4620), Side-Firing optional speaker (SP-RM1), Front-Firing optional speaker (SP-TF1), Wall Mount (WMK-3257), Slim Wall Mount (WMK-3255S), Display Wall Calibrator Kit (KT-LFD-CC)

* Warranty restrictions apply. Contact your representative for details.

For more information, visit nz.nec.com, email sales@nec.co.nz or call 04 381 1111