MultiSync® LCD400V™

For users who need superior image quality in a small space, the MultiSync® LCD400V™ flat-panel LCD monitor delivers.

The MultiSync LCD400V monitor ("V" for value) is ideal for users who require superior image quality and flexibility, but work in an environment with space and weight constraints or sensitive equipment. The slim footprint, low emissions and high resolution capabilities of the MultiSync LCD400V monitor make it well-suited to many applications in the financial, medical, manufacturing and transportation industries, as well as other industries with demanding environments.

Slim footprint saves valuable space.
Weighing only 11 pounds and measuring less than 7″ deep, the MultiSync LCD400V monitor consumes 60% less space than comparable CRT monitors and offers a 60% reduction in weight.

Superior image quality includes surprising brightness. The True Color Active Matrix (TFT) analog LCD modules of the MultiSync LCD400V monitor enable the display of unlimited colors in a continuous spectrum,

providing a truer representation of color. In addition, the MultiSync LCD400V displays a continuous gray scale and does not require the use of dithering techniques to approximate intermediate shades of gray. Flicker-free images reduce eyestrain for more comfortable viewing. And, the high brightness of the MultiSync LCD400V monitor exceeds that of notebook LCDs.

Wide compatibility offers versatility and ease of use. The MultiSync LCD400V monitor supports multiple resolutions, from 640 x 480 to 1024 x 768 (1024 x 768 optimal)*. Because it is completely analog, the MultiSync LCD400V monitor accepts RGB input directly. In addition, its FullScan™ capability allows you to use the entire screen area. And, the MultiSync LCD400V monitor is compatible with PC and Macintosh® computers as well as Sun® workstations, Silicon Graphics™ workstations and additional workstations and x-terminals.

OSM™ (On-Screen Manager) controls offer fast, accurate image adjustments. The MultiSync LCD400V monitor incorporates NEC Technologies exclusive OSM controls for quick, easy image adjustments including brightness, contrast and horizontal

and vertical position. The auto-adjust feature enables one-button centering of the screen image. In addition, the OSM controls enable access to NEC Technologies exclusive AccuColor® control system, which allows you to closely match your on-screen colors to printed output.

Low energy consumption and low emissions reduce costs. The MultiSync LCD400V monitor consumes 50% less power than comparable CRT monitors. Plus, it emits less heat. This translates into lower energy costs by allowing users to conserve energy. In addition, the MultiSync LCD400V monitor exceeds Energy Star requirements for reduced power consumption. Finally, the monitor has almost no emissions, making it suitable for a number of sensitive environments.

The MultiSync LCD400V monitor continues the tradition of NEC Technologies quality and reliability. It is covered by an industry-leading three-year limited warranty (one year backlight) and is backed by the responsive service and support of NEC Technologies.

Specifications — MultiSync® LCD400v™ Model #LA-1422JMW

Display:	14.1" (14.1" viewable image size), active matrix, thin film transistor (TFT), liquid crystal display (LCD); 0.28 mm dot pitch; RGB vertical stripe color filter arrangement; 200 cd/m² white luminance, typical; 150:1 contrast ratio, typical
Compatibility:	720×400: VGA text* 640×480: 60 Hz to 85 Hz* 800×600: 56 Hz to 75 Hz* 832×624: 75 Hz* 1024×768: 60 Hz to 75 Hz (optimal)
Display Resolution:	Horizontal: 1024 dots Vertical: 768 lines
Active Display Area:	Horizontal: 11.3" (286 mm) Vertical: 8.4" (214 mm)
Viewing Angles:	Typical: 15° Up 30° Down 50° Left 50° Right
Input Signal:	Video: ANALOG RGB (Video 0.7 Vp-p) Input Impedance: 75 ohms Sync: Separate sync. TTL level Horizontal sync: positive/negative Vertical sync: positive/negative Composite sync: TTL level, positive/negative Composite sync. on green video: 0.3 Vp-p negative

Display Colors:	Analog input: unlimited colors (dependent on video card)
User Controls:	Power, brightness and contrast, horizontal position, vertical position, auto adjust, image adjust, AccuColor, OSM location, OSM lock out, display mode, language select, factory preset
Signal Cable:	15-pin mini D-sub male to 15-pin mini D-sub male
Power Supply:	AC 100 to 240 V worldwide input, 50/60 Hz
Power Consumption:	Typical: 30 Watts in ON mode, under 7 watts in power saving mode
Power Management:	IPM™ (Intelligent Power Manager) system, EPA Energy Star, meets NUTEK based on 2 power savings modes
Dimensions (W, H, D):	14.1×14.2×6.6 inches/357×361×168 mm
Weight:	Net: 11.0 lbs./5.0 kg
Tilt Rotation:	Up: 45°; Down: 5°
Environmental:	Operating temperature: 5°C to 35°C, 50°F to 86°F; humidity 85% maximum Storage temperature: −10°C to 60°C, 14°F to 140°F, humidity 85% maximum
Limited Warranty:	3 years, parts and labor; 1 year backlight
Regulatory Approvals:	UL 1950, C-UL, FCC Rules Part 15 Class B, Canadian DOC, EPA Energy Star CE, TÜV/GS, TÜV/Ergonomie, TCO 95

*Due to the interpolation necessary for operation of LCD panel resolutions at full screen, it is recommended that LCD monitors utilize the full resolution capability of the panel and are operated at their optimal or maximum resolution when text or fine lines are being viewed.

For more information on NEC MultiSync LCD monitors, including how to purchase, call **1-800-NEC-INFO.**

To receive information immediately via fax, call NEC FastFacts™ at **1-800-366-0476** and request catalog **#1.**

To visit our World Wide Web home page, dial-in to the Internet at **http://www.nec.com.**

To speak to a technical support representative, call **1-800-632-4662** or dial-in to the Internet at **tech-support@nectech.com.**.

Note: All technical specifications are subject to change without notice. MultiSync, AccuColor and ErgoDesign are registered trademarks and LCD400V, OSM, IPM, FullScan, FastFacts, "Expect more. Experience more." and the NEC Technologies icon are trademarks of NEC Technologies, Inc. Apple, Mac and Macintosh are registered trademarks of Apple Computer Inc. Other brand or product names are trademarks or registered trademarks of their respective holders.

Part #M-LCD400V-S

Expect more. Experience more.

NEC
NEC Technologies