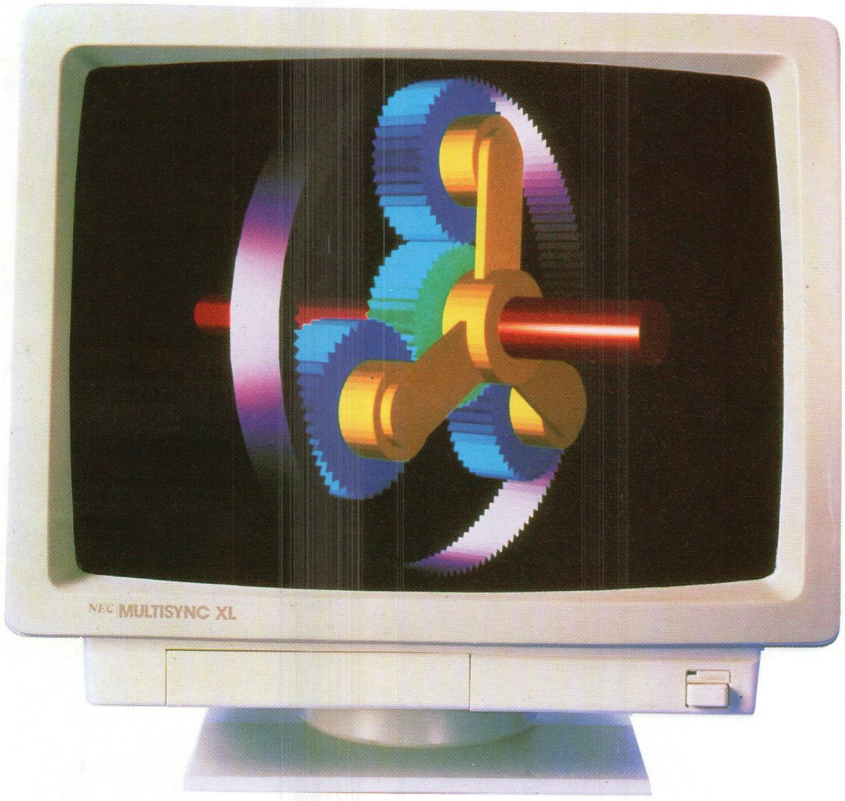
MULTISYNC® *xl*



MULTISYNC® XL:
IT'S LIKE WALKING INTO THE SCENE YOURSELF

The MultiSync XL is MultiSync technology at its highest. Of course it does desktop publishing, business graphics, and word processing. But the XL is really a CAD/CAM instrument of such virtuosity your most sophisticated design seems to leap to 3-dimensional life.

One reason: the XL gives you resolutions of up to 1024 x 768 on an enormous 20″ diagonal screen. Together, screen size *and* ultra-fine resolution give each visual astonishing power and brilliance in both color and detail. The most frequently used controls, intelligently placed up front, include a 3-way switch that lets you go from amber to green to a paper-white screen that's considered just about the truest in the business.

Of course it goes without saying that the MultiSync XL works with the IBM XT/AT and PC compatibles, as well as with the new IBM PS/2, the Apple MAC II, and with most color graphics board on the market. And since it automatically scans horizontal frequencies from 21.8-50KHz and scan vertical frequencies ranging from 50Hz to 80HZ, you can switch without a hitch from EGA to enhanced EGA to PGC and beyond.

IT'S VERY FRIENDLY...
AND SO ARE WE!

In fact, at NEC we pride ourselves on being available for support. Whether you need service, advice on applications, or just a shoulder to lean on to solve computer problems, NEC has a nationwide network of over 2,000 factory authorized service centers. In addition, we give you two assurances:

1. A 2-year limited warranty on CRT and parts. A 1-year limited warranty on labor.

2. Our personal assurance that with NEC you'll always share in the latest computer technology.

High Resolution Color

C&C
Computers and Communications

NEC®

MultiSync® XL

- State of the Art MultiSync technology for CAD/CAM applications.
- Compatibility with PC/XT/AT, IBM PS/2 and Apple Mac II.
- Automatically scans all horizontal frequencies from 21.8KHz to 50KHz.
- Compatibility with EGA, enhanced EGA, PGC, MCGA and VGA color graphics standards.
- A 20″ diagonal CRT with a maximum resolution of 1024 x 768.

SPECIFICATIONS

Back: TTL/Analog select switch, 0.7V/1.0V (Analog) select switch, 8/16/64 color mode sele switch, manual mode on/off switch.

DIMENSIONS:
Height 19.53 in., Width 18.46 in., Depth 21.46 in

WEIGHT:
63.80 lbs.

POWER SOURCE.
120 V, 60Hz AC.
Consumption: 130W.

STANDARD ACCESSORIES INCLUDED:
Tilt/swivel base.
9 PIN to 9 PIN cable for IBM CGA, EGA and PGC.
9 PIN to 15 PIN adaptor for IBM PS/2 Interface.

OPTIONAL ACCESSORIES:
9 PIN to 4BNC cable.
9 PIN to 15 PIN cable for Apple MAC II (#44511)

WARRANTY:
CRT: 2 yrs.
Parts: 2 yrs.
Labor: 1 yr.

For technical assistance, call **1-800-NEC-SOF**

NEC Home Electronics (U.S.A.) Inc.
Computer Products Division
1255 Michael Drive
Wood Dale, Illinois 60191-1094

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Apple and Mac II are registered trademarks of Apple Computer Ir
NEC is a registered trademark of NEC Corporation.
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Specifications subject to change without notice.

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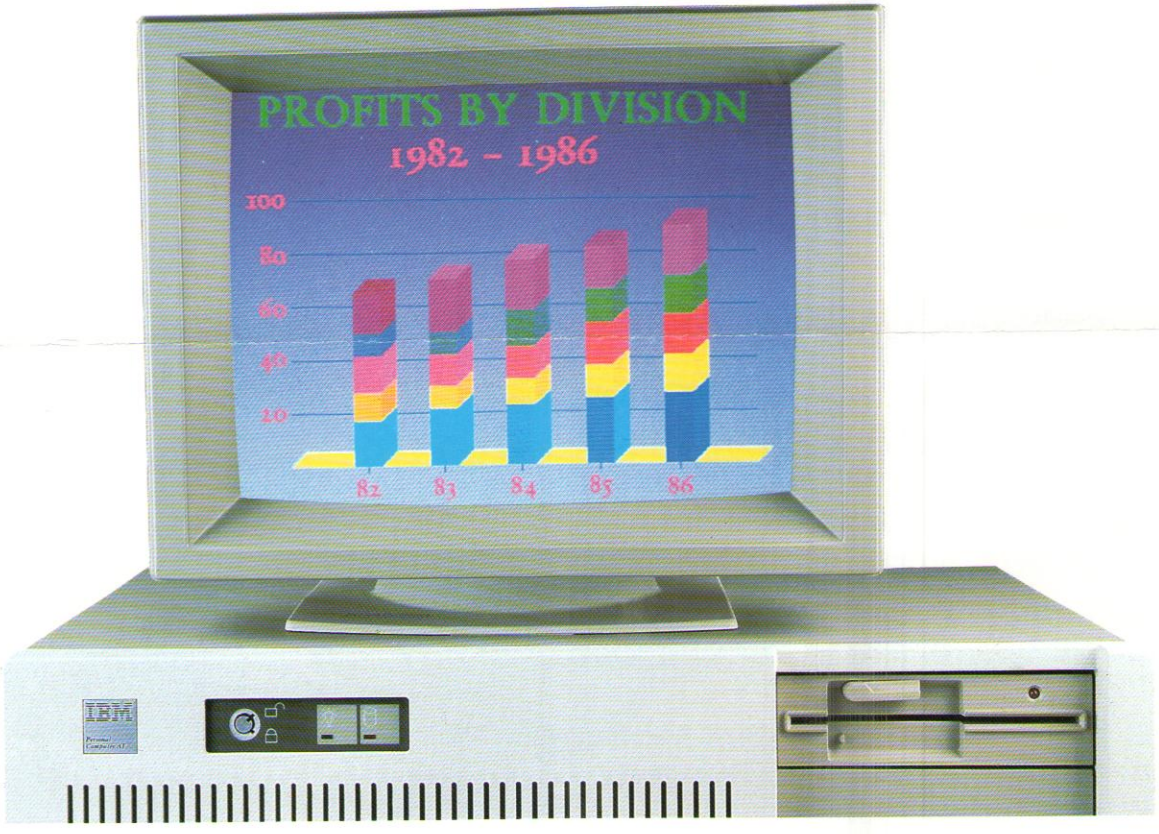
C&C
Computers and Communications

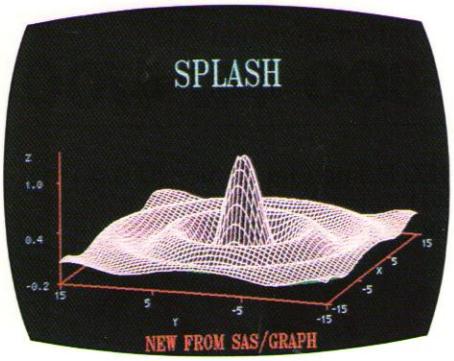
NEC®

NEC HAS EVERY COLOR MONITOR BEAT ACROSS THE BOARD

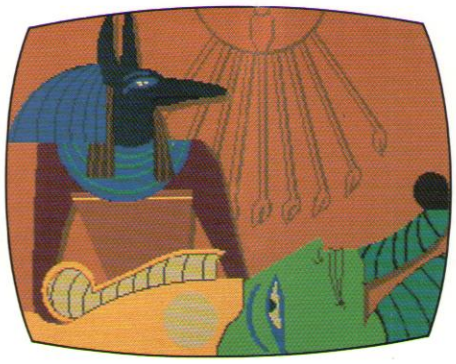


MULTISYNC™

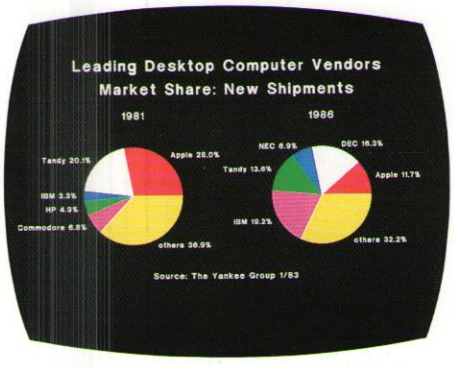
The Intelligent Monitor



Compatibility with the IBM® Professional Graphics Adapter Board



Compatibility with the IBM® Enhanced Graphics Adapter Board



Compatibility with the IBM® Color Graphics Adapter

NEC

JC-1401P3A **MULTISYNC**™
HIGH RESOLUTION COLOR MONITOR

- Automatically scans <u>all</u> frequencies between 15.75KHz and 35KHz, suggesting the possibility that the MULTISYNC™ monitor might be compatible with <u>all</u> color graphics boards that are IBM PC compatible, now and in the future
- Compatible with IBM PC/AT, PC/XT, PC and look-alikes
- Compatible with all three PC color graphics boards made by IBM
- Color resolution up to maximum 800 dots horizontal, maximum 560 lines vertical is superior to any comparatively priced monitor
- Color capability limited only by the board being used
- Wide compatibility makes it possible to upgrade boards or software without purchasing a new monitor
- Text switch provides 7 colors for more comfortable word processing and database applications
- Built with NEC reliability, backed by NEC service, assured by the worldwide NEC reputation for outstanding computer products

SPECIFICATIONS

MULTISYNC Synchronization: 15.75KHz to 35KHz horizontal scan; 50Hz to 60Hz vertical scan

Input Signal: TTL/Analog (switchable); D-sub 9 Pin Input Terminal

CRT: 14″ diagonal, 13″ viewing area, 90° deflection, 0.31mm trio dot pitch, non-glare screen

Picture Performance:
Horizontal and Vertical Linearity ± 8%
Trapezoid and Barrel Distortion within 2%
Pincushion Distortion within 3%
Parallelogram Distortion within 1°
Convergence within 0.6mm
Raster Regulation within 2%

Text Colors: (Switchable) Red, Blue, Green, Cyan, Yellow, White, Magenta

User Controls: Power, Contrast, Brightness, Horizontal Width, Vertical Hold, Vertical Height, Horizontal Centering, Vertical Centering, TTL/Analog Video

Internal (Service) Controls: Horizontal Hold, Vertical Hold, Horizontal Width, Vertical Linearity, Horizontal Centering, Screen, Focus

Dimensions: 14.5″ x 15″ x 13″ nominal
Weight: 31 lbs. nominal
Power: Source AC120V, 60Hz; Consumption 70W

Accessories:
Included: cable for all three graphics boards made by IBM; swivel/tilt stand

FEATURES	NEC MULTISYNC	AMDEK 722	PRINCETON GRAPHICS			TAXAN		IBM Enhanced	IBM Profess'l
			HX12E	SR12	SR12P	630	640		
CRT DISPLAY SIZE. 13 INCH	YES	YES	NO	NO	NO	NO	NO	NO	YES
HORIZONTAL SCAN FREQUENCY. 15.75-35KHz. AUTOMATIC	YES	YES 15.75-21.8KHz	YES 15.75-22KHz	NO	NO	NO	NO	NO	NO
VERTICAL SCAN FREQUENCY. 50-60Hz	YES	NO	NO	NO	NO	NO	NO	NO	NO
BANDWIDTH. 30MHz	YES	NO	NO	YES	YES	NO	NO	NO	NO
DOT PITCH, .31mm	YES	YES	NO	YES	NO	NO	YES	YES	YES
TEXT SWITCH NO. COLORS	YES 7	YES 4	NO	NO	NO	YES 4	YES 4	NO	NO
CABLES IN CTN. IBM CGA EGA PGA	YES YES YES	YES YES NO	YES YES NO	YES NO NO	NO NO YES	NO NO NO	NO NO NO	NO YES NO	NO NO YES
IBM PC, XT & AT COMPATIBLE	YES	YES	YES	YES	YES	YES	YES	YES	YES (XT) NO (PC) YES (AT)
IBM COLOR GRAPHICS ADAPTER, COMPATIBLE EGA & PGA	YES	YES	YES	YES	NO	NO	NO	NO	NO
RESOLUTION Horizontal Dots Vertical Dots	800 560	720 350	640/640 350/200	640 400	640 480	640 400	700 400	640 350	640 480

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For information dial

1-800-447-4700

NEC Home Electronics (U.S.A.) Inc.
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Elk Grove Village, IL 60007

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