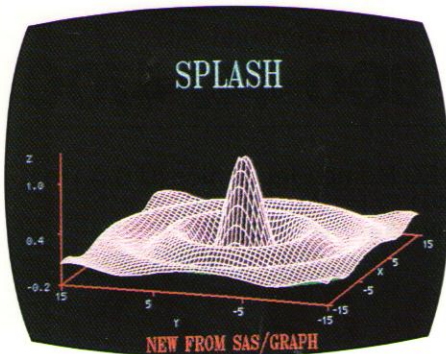**C&C** Computers and Communications

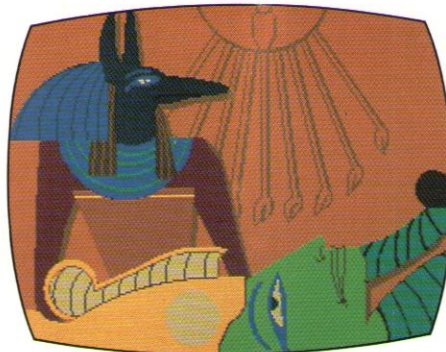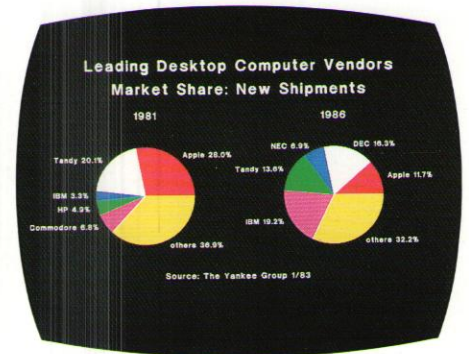# NEC HAS EVERY COLOR MONITOR BEAT ACROSS THE BOARD

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 HX12E	PRINCETON GRAPHICS SR12	PRINCETON GRAPHICS SR12P	TAXAN 630	TAXAN 640	IBM Enhanced	IBM Profess'l
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	YES	YES	YES	YES	NO	NO	NO	NO	NO
EGA	YES	YES	YES	NO	NO	NO	NO	YES	NO
PGA	YES	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	800	720	640/640	640	640	640	700	640	640
Vertical Dots	560	350	350/200	400	480	400	400	350	480

For information dial
1-800-447-4700

NEC Home Electronics (U.S.A.) Inc.
1401 Estes Avenue
Elk Grove Village, IL 60007

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