

# THE GENIUS® VHR MONITOR ADDS A NEW DIMENSION TO MICRO COMPUTING

## DESKTOP PUBLISHING -

THE GENIUS is compatible with all major desktop publishing software including **Aldus Pagemaker\***, **Xerox Desktop Publishing Series\***, **Ventura Publisher Edition\***, **Media Cybernetics HALO DPE\***, **Bestinfo Super Page\***, **Megahaus First Impression** and **G.O. Graphics DESKSET\***. Each of these programs will run in full page, giving you a true **WYSIWYG** look at the copy without going to the printer.

**WORD PROCESSING** - With THE GENIUS, YOU CAN SEE A FULL PAGE (66 lines) of text. It emulates an 8½ x 11 inch document eliminating the need for time consuming scrolling and test printing. THE GENIUS is ergonomically designed, with black characters on a white background to reduce operator fatigue and increase operator productivity. Many of the most popular word processing programs are easily installed for full page operation. These include: **WordStar\***, **WordPerfect\***, **Word\***, **Samna\*** and many more.

**GRAPHICS** - THE GENIUS Model 402 offers high resolution bit mapped graphics, making it a natural for use with forms generation, document storage and retrieval and computer aided design software. **Microsoft Windows\***, **Digital Research GEM\*** and **Autodesk AutoCAD\*** are just a few of the popular new graphics programs compatible with THE GENIUS.

A full page, high performance bit map monitor and proprietary adapter card for IBM and IBM compatible micro computers. THE GENIUS was selected by PC Magazine as one of The Best Products of 1985. Available in two models: Model 401 for text and numbers processing and the Model 402 designed to add high resolution graphics to your micro computer. Replacing standard monitors with THE GENIUS is a cost effective way of increasing the utility and productivity of micro computers. It is the perfect companion to scanners, optical disks, and laser printers.

**URNS MICRO COMPUTERS INTO POWERFUL TEXT PROCESSORS AT LESS THAN HALF  
THE COST OF STAND ALONE WORD PROCESSING SYSTEMS.**



**MICRO DISPLAY SYSTEMS, INC.**

\* Pagemaker is a trademark of Aldus Corporation. HALO DPE is a trademark of MEDIA CYBERNETICS, INC. First Impression is a trademark of Megahaus. DESKSET is a trademark of G.O. Graphics. Super Page is a trademark of Bestinfo. Microsoft Windows and Microsoft Word are trademarks of Microsoft Corporation. GEM is a trademark of Digital Research. AutoCAD is a trademark of Autodesk, Inc. WordStar 2000 is a trademark of MicroPro International Corporation. Symphony is a trademark of Lotus Development Corporation. SAMNA is a trademark of SAMNA CORPORATION. FormMarker is a trademark of FormMaker Software, Inc. Lotus 1-2-3 is a trademark of Lotus Development Corporation. WordPerfect is a trademark of WordPerfect Corporation. PC Paintbrush + is a trademark of ZSoft Corporation. Xerox Desktop Publishing Series: Ventura Publisher Edition. Xerox is a trademark of Xerox Corporation. Ventura Publisher is a trademark of Ventura Software, Inc. IBM is a trademark of International Business Machines.

# THE GENIUS® VHR MONITOR

(VHR — VERY HIGH RESOLUTION)

MODEL 401/402

## TECHNICAL SPECIFICATIONS

### DISPLAY FORMAT

66 or 25 Lines Selectable  
80 Characters per Line  
5280 Character Display Capacity  
Bit Map Graphics  
736 x 1008 Pixels  
100 Dots per Inch  
1:1 Aspect Ratio

### CHARACTER FORMAT

9 x 15 Character Cell  
8 x 12 Character Matrix,  
Including Three Dot True Descenders

### CHARACTER SETS

512 Character - Character Set,  
Including 256 IBM Compatible,  
Character Graphics, European, Greek  
& Math Sets

### CHARACTER ATTRIBUTES

High, Normal, Low & Blank Intensity  
Selectable Intensity - 4 Level  
Normal & Inverse Video  
Superscript, Subscript or Underlining  
Blinking

### CURSOR ATTRIBUTES

Fast, Slow, No Blink or No Cursor  
0 to Full Height Selectable

### SCREEN ATTRIBUTES

Normal & Reverse Video  
Double Height Text

### ENVIRONMENT

40° - 105° F (5° - 40° C)  
0 to 90% Relative Humidity

### DISPLAY CHARACTERISTICS

Non-Interlaced  
60 Hz Refresh Rate  
64 KHz Horizontal Scan  
100 MHz Video Bandwidth  
110 Degree Deflection CRT  
15" Portrait Mount CRT

### MONITOR PHOSPHOR

White

### INTERFACE BOARD

IBM PC\* Compatible  
Parallel Printer Port  
16K Character Display Memory  
128K Graphics Display Memory

### OPERATOR CONTROLS

Tilt Screen + 12° to -3°  
Brightness & Contrast Controls

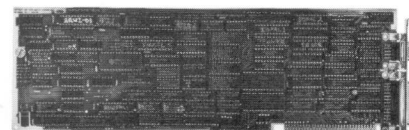
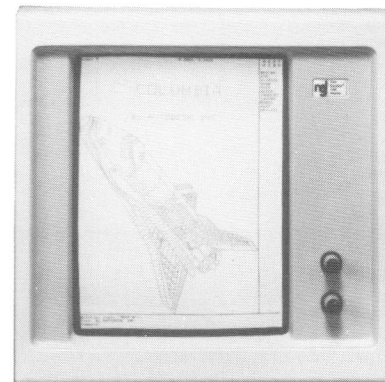
### PHYSICAL CHARACTERISTICS

15.0" Maximum Height  
14.2" Maximum Width  
13.5" Maximum Depth  
38 lbs. Shipping Weight

### POWER REQUIREMENTS

95-130 or 190-260 AC Line Voltage  
47-440 Hz Line Frequency

THE GENIUS® VHR  
COMPLETE  
WITH ADAPTER CARD  
GIVES NEW  
DIMENSIONS OF  
HARDWARE AND  
SOFTWARE SYNERGY  
WITH THESE  
PRODUCTIVE BENEFITS!



- **Text, hi-res graphics and parallel printer port** are integrated on THE GENIUS® VHR adapter card, eliminating need for vendor adapter cards.
- **Total software compatibility** with selectable 25 or 66 lines allows complete utilization of all application software. Compatible with Monochrome Display Adapter, Color Graphics Adapter (640 x 200), MDS (736 x 1008) software.
- **Expanded workstation capabilities** promote utmost flexibility for text editing and word processing, spreadsheet analysis, data entry and graphics.
- **Ergonomically designed enclosure** with tilt, ensures optimum functionality with the esthetics of tomorrow.
- **Dual (Text & Graphic) screen mode** for viewing spread sheet or data simultaneously with bit-map graphics generated by Lotus, SuperCalc III or AutoCad.
- **100 dot per inch bit-map graphics** with a 1 to 1 aspect ratio for Very High Resolution (VHR) graphics required for Image Processing, Desktop Publishing, Data Storage & Retrieval.
- **Full Page Editing** minimizes printout and scrolling time for greater throughput.
- **64 KHz monochrome monitor at 60 Hz refresh and 100 MHz bandwidth** provides a flicker-free screen rendering sharp, concise character images for improved screen readability and visual comfort.

THE GENIUS® product line is distributed throughout the U.S. and Europe. For information regarding Distributor, Dealer, or OEM pricing, contact.



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