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.

TURNS MICRO COMPUTERS INTO POWERFUL TEXT PROCESSORS AT LESS THAN HALF
THE COST OF STAND ALONE WORD PROCESSING SYSTEMS.
THE GENIUS® VHR MONITOR
(VHR — VERY HIGH RESOLUTION)
MODEL 401/402

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 spreadsheet 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.

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

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