



Tech Info Library

Apple II Business Graphics: Specifications (Discontinued)

I. Technical Specifications

A. Language:

- Pascal
- Assembly

B. Format:

- 16-sector diskette.

C. Imaging:

- Graph Types: Scatter, solid-line, dash-line, bar (vertical or horizontal), pie (filled or outline), and multiple overlays
- Color: Six available on color monitor--user-selectable or default values
- Titling/Labeling:
 1. Alphanumeric labeling on x- and y-axis
 2. Auto-scale or user-defined label ranges
 3. Centered titles
 4. Floating titles:
 - any number
 - horizontal or vertical
 5. Tick marks and extended grid lines

D. Graphic Devices:

- Console
- Silentype
- Apple Color Plotter
- Qume Sprint 5 printers
- Hewlett-Packard 7225A/B with 17603A, RS-232 Personality Module
- Houston Instruments DMP-3, -4 high-quality pen plotters

E. Data Manipulation:

- Curves that can be FITed to any data set:
LINE LOGARITHMIC CONSTANT SINE PARABOLA
- Coefficients can be manually set to produce known curves.
- Statistical analyses that can be performed on any data set:
MINIMUM MEAN MAXIMUM STANDARD DEVIATION SUM VARIANCE
- Either moving average or exponential smoothing may be performed with a single command.
- Additional data manipulation commands:

ADD SHIFT DIFFERENCE SUBTRACT(FROM) DIVIDE(BY/INTO)
SUM MULTIPLY

--TAKE Files:

1. Store business Graphics commands in a single file that allows multiple, complex plots to be recreated with a single command.
2. WAIT command allows users to insert a timed pause in a TAKE file.

--Virtual files:

1. System allows user to utilize large data files exceeding the size of computer memory.
2. Default virtual file provides space for approximately 90-100 points.
3. SET VIRTUAL FILE command allows user to define a virtual file on another diskette, greatly expanding the maximum number of points to be processed.

--Interchange Facility:

Generates a Business Graphics data file from these common formats:

1. VisiCalc print files (13- and 16-sector)
2. ApplePlot (13- and 16-sector)
3. DIF format
4. BASIC text files (13- and 16-sector)
5. Apple Pascal

II. System Configuration:

A. Apple

1. II Plus with 48K of memory
2. IIe
3. IIC

B. Two 5 1/4 inch disk drives

C. Apple Language Card

D. Video display device

E. Optional compatible printer and printer controller card

1. With Silentype Interface Card: Silentype
2. With High Speed Serial Interface Card with P8-02 PROM:
Qume Sprint 5 printers

F. Optional compatible plotter and plotter controller card

--With High Speed Serial Interface Card:

1. Hewlett-Packard 7225A/B with 17603A, RS-232 Personality Module
2. Houston Instruments DMP-3, -4 high-quality pen plotters

NOTE: Apple Business Graphics includes drivers supporting the printers and plotters mentioned here. Using a special kit, called a Printer/Plotter Installation Kit (PIK), Apple Business Graphics can support other plotters, letter quality printers, and dot matrix printers.

III. Features

- Enlarges any area of a graph for close study
- User may specify all graph parameters:

1. axis labels
2. floating labels
3. plot colors,
4. horizontal and vertical axis ranges

--Macro commands can replace multiple command sequences

Apple Technical Communications

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