

For release:

20101 Hamilton Avenue  
Torrance, California 90502-1319  
Telephone: 213-329-8000  
Telex: 669984 ASHT TATE LSA

Contact:

Christine Thomas  
Ashton-Tate  
(213) 202-3783

David Burwick  
Miller Communications  
(213) 822-4669

## FRAMEWORK II

### FACT SHEET

#### GENERAL FEATURES

- o Seamless integration of spreadsheet, word processor, telecommunications, data management, graphing and outlining
- o Virtual memory swaps to and from either hard disks or Intel Above Board and AST RamPage! (up to 8M bytes RAM)
- o Greatly improved memory utilization
- o Provides command consistency across all applications
- o Low entry level for inexperienced computer users
- o UNDO command to retrieve accidentally deleted data
- o FRED programming language for power users and developers
- o Custom applications installable into pull-down menus
- o Automatic "record mode" for abbreviations and macros
- o Desktop "library" supports abbreviations, macros and phone book
- o File import and export capabilities -- dBASE II/III Lotus 1-2-3 (version 1.0), WordStar, MultiMate, IBM DCA/Displaywrite, ASCII text, Visicalc DIF
- o Accepts additional user-defined import/export formats
- o Context-sensitive help with one keystroke
- o Menu-driven print formatting
- o Supports more than 100 printers, plotters and graphic cards
- o Simplified documentation for ease of learning
- o Expanded on-disk tutorial speeds productivity in use of spreadsheet and word processor

(more)

**SPREADSHEET**

- o Twice as fast as Framework's spreadsheet and up to five times larger using the same amount of RAM
- o Seamless integration with word processor and other functions
- o Up to 32,000 rows by 32,000 columns
- o Sort, search and replace, and spell check spreadsheets
- o Automatic formatting of text numbers into cell columns
- o Links and consolidates different spreadsheets and databases
- o Moves data between cells and word processing documents
- o Multiple spreadsheets available at one time
- o Over 160 built-in functions for full programming and macros
- o Supports 8087 math co-processor
- o English language cell references
- o Date and time arithmetic

**WORD PROCESSOR**

- o Visible hard and soft page breaks with page number display
- o 80,000-word spelling checker/corrector
- o Built-in mailmerge and label printing capabilities
- o Seamless integration with spreadsheet and other functions
- o Search and replace with intelligent capitalization
- o Copies spreadsheet and database information into text documents
- o Soft hyphenation
- o Bold, underline and italic displayed on screen (hardware dependent)
- o Formats text flush left or right, centered, or fully-justified
- o Single-keystroke insertion of boilerplate text
- o Even and odd headers, footers, date, time and page numbers

**TELECOMMUNICATIONS**

- o Fully-integrated, including background asynchronous communications
- o Menu-driven operation and context-sensitive on-line help
- o Point-and-Dial voice call capability
- o Menu-driven directory and single-keystroke access to The Source, Dow Jones, CompuServe and Telemail
- o Emulates popular asynchronous terminals
- o Accesses mainframes, minicomputers and microcomputers
- o Sends and receives binary and text files
- o Supports a large number of modems and protocols (e.g. XMODEM, Hayes, Smartcom and Crosstalk)

(more)

**DATA MANAGEMENT**

- o Data entry formats include dBASE style "forms view," user-specified form or table of records
- o Sort 200 records in less than two seconds
- o Date and time arithmetic
- o Computed fields, operator prompting, error checking and data validation
- o Reads in and manipulates dBASE II and dBASE III files

**GRAPHICS**

- o Bar, stacked bar, line, X-Y, scatter, high-low-close and pie charts
- o Print or plot graphs in multiple colors
- o Graphs can be linked to spreadsheets and database for automatic redrawing when numbers change
- o Graphs on monochrome and color monitors

**OUTLINING**

- o Allows easy managing, organizing and reorganizing information
- o Arabic or Roman numeral numbering
- o Overview of documents available with one keystroke
- o Entire document rearranged by changing outline entries
- o Automatic table of contents with page numbers
- o Works with all Framework II functions

**FRED**

- o Full-featured, procedural programming language
- o Dynamic menu creation via outlining
- o Any frame, cell or database may include an entire FRED program
- o Supports libraries of user-defined functions

**REQUIREMENTS**

- o IBM PC, PC XT, PC AT, 3270 PC or compatible system with 384K bytes of RAM, two 360K-byte floppy disk drives or one 360K-byte floppy with a hard disk, monochrome or color monitor and PC DOS 2.0 or higher

Suggested Retail Price -- \$695 (spelling checker and outliner included)

Framework 1.1 Upgrade -- \$140 -- Offer expires December 31, 1985. Unregistered users can call 1-800-437-4329 for upgrade information.

# # # #