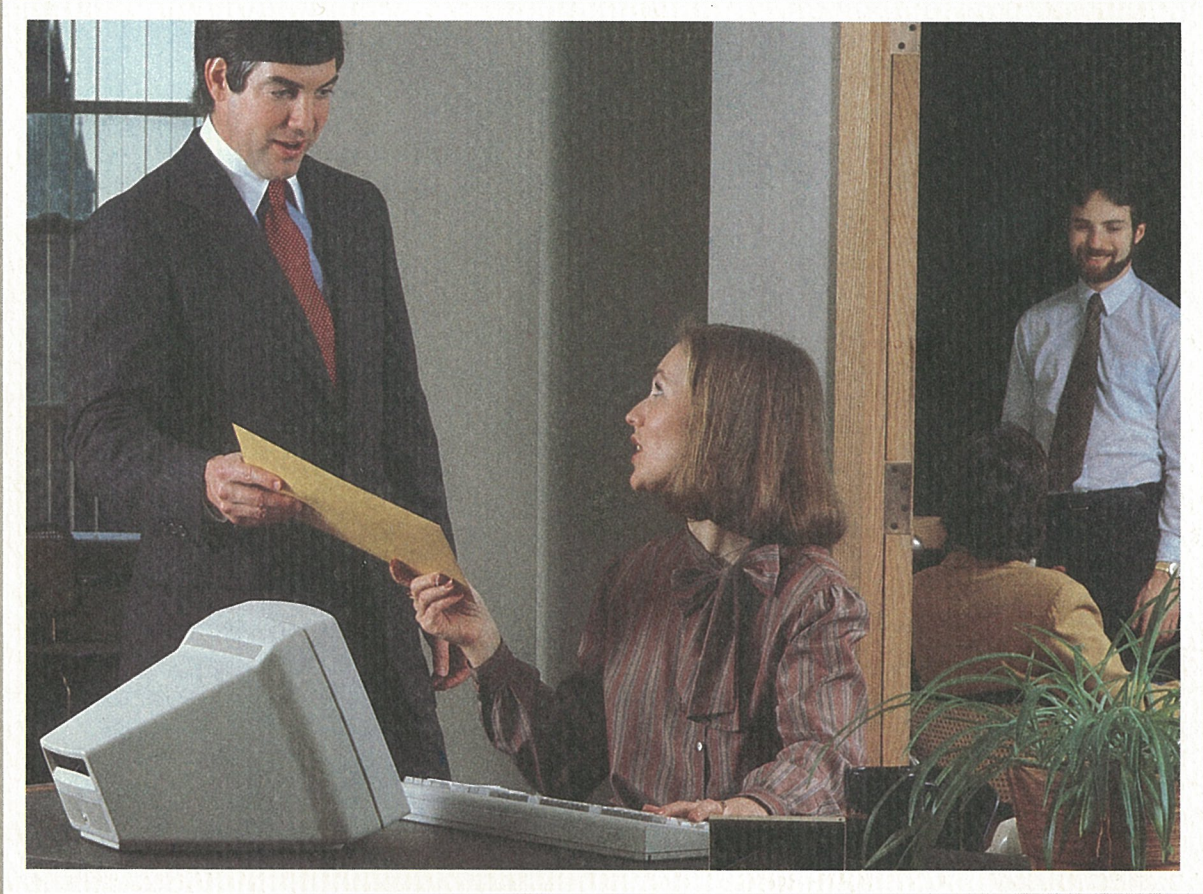


DECmate II



**Office  
Systems**

digital

## Outstanding Word Processing

If your organizational efficiency could be improved with the following:

- Outstanding word processing,
- Extensive report writing capabilities,
- Various decision analysis software packages including Multiplan,<sup>TM</sup>
- Superior communications capabilities,

DIGITAL has the answer in a powerful yet inexpensive computer. Called DECmate II, it is ideal for these kinds of tasks. Along with this, you get state-of-the-art hardware designed for ease of use and maintenance. And equally important, with every system you get complete individualized service and support offerings from an industry leader.

DECmate II provides all the features you would expect from a quality word processor. This includes centering lines of text, super- and sub-scripts, automatic pagination, automatic word wrapping, deleting and relocating text, and go-to-page.

Word processing is straightforward with DECmate II. Commands are entered through the specialized DECmate II keyboard, designed around DIGITAL's Gold Key. Many word processing functions are simply the Gold Key in combination with the clearly labeled key for that command. For example, to center text, all you do is press "Gold" and "C"—and it's done.

Other specially labeled keys let you delete, add, move, transpose, or duplicate any of the text—single characters, words, lines, paragraphs, or entire blocks of text up to 7,500 characters in length. This saves you enormous amounts of time as compared to manual methods—and you can be sure that your changes will be incorporated in your next edition.

But DECmate II goes beyond traditional features. You also get on-screen display of underlined and boldfaced text along with upper/lowercase transposition, system-assisted hyphenation and time-stamping. Other special word-processing features include:

- **User-Defined Keys**—You can save often-used series of keystrokes and commands in a key you define, called a user-defined key (UDK). Just press the UDK, and the system remembers and acts in the stored sequence. You can create and store up to ten UDKs. This is particularly handy for reports you generate regularly; with only two keystrokes, all the formatting informa-

tion is in place, and you just fill in the new information.

- **Automatic Indexing of Documents**—DECmate II word processing software automatically records an index of each document's name, its size, and its version number; the date and time it was created and last modified; and the time spent on it in total and on the most recent edit. This is an extremely convenient way to monitor and track the status of a job. It also indicates how much space on the diskette has been used and how much remains.
- **Document Retrieval**—DECmate II is flexible enough to allow you various ways of calling a document to the screen. For instance, you can recall it by the number assigned to the document when it was first created. Or you can recall it by the name you chose—and you don't even have to remember if you used upper- or lowercase letters. You can also recall it by its partial name, providing you specify enough letters to make it unique from any other existing document. This can be a real time-savings for you by eliminating having to constantly refer back to the table of contents for the *exact* way you named a document. Also, you can use the curser to call up a document by positioning it on the document name in the index.
- **Document Default**—Another way DECmate II saves you time is by remembering the last document you had on the screen anytime you return to the main menu. This means that if you select "print", DECmate II will automatically send the last document you were working on to the print

queue without you having to specify its name.

- **Concurrent Printing**—The printer can output several documents at the same time you are editing. This means that many documents can be stored in the print queue at one time without you having to stop your work. It also means you don't have to interrupt your work to go back and enter the next document to be printed after each one is finished.
- **User-Defined Rulers**—You insert rulers into your documents to control tab settings, left and right margin locations, right-margin justification, paragraph indentation, decimal-aligned tabs, right-justified tabs, spacing between printed lines, and extra-wide lines up to 158 characters long. You can use as many rulers as you need within a single document, and ten of the rulers you use most frequently can be stored for easy recall.
- **Global Search and Replace**—This function allows you to search for every occurrence of a word or phrase and replace it with another word or phrase or delete it entirely. Search phrases can be up to 50 characters in length, and can include both lowercase and uppercase letters. Replacement strings can be as long as 7,500 characters. Once initiated, DECmate II continues an unattended search and replace until an entire document is completely corrected.
- **Paragraph and Abbreviation Libraries**—You can create and maintain libraries of often-used phrases and text for insertion in any document—eliminating having to type this material time and time again. The paragraph library could contain standard contract paragraphs or other “boilerplates.” The abbreviation library could contain names, addresses, titles, technical words, distribution lists, or other commonly used items in your correspondence.

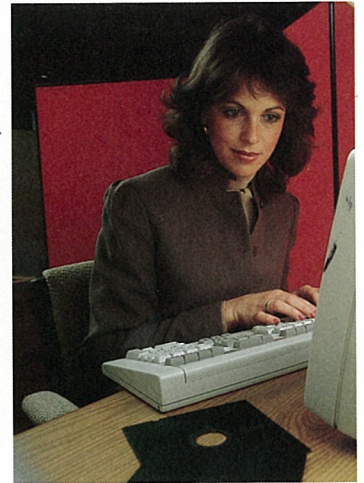
DECmate II's optional List Processing, Math and Sort software provide you with extensive report writing capabilities. Project tracking, telephone lists, personalized form letters and other documents that require numerous updates with slight alterations each time are some of the functions DECmate II handles with ease.

For example, you may generate a monthly report on sales activity in your office. By entering the date, name of the sales representative, name of the account, and the item(s) sold, you can print out the report by any one or any combination of the common factors. And if there are calculations such as commissions or total dollar amounts to be figured into the report, DECmate II will automatically perform these as well and insert the answers into the finished document. List Math can be used to calculate subtotals, totals, and averages. Special notes can be

kept too, providing you with an accurate and timely mechanism for tracking and monitoring activity in your office.

The optional Editor Math package has a feature that can be used to create, update, and maintain numerical tables within documents—including column totals, subtotals, and column averages. If entries in a table change, editor math remembers the original calculations and updates the tables.

The optional multikey sort package allows you to sort on as many as 12 different fields of information in a list-processing document. It organizes alphabetic or numeric information in either ascending or descending order. You can order numbers with positive and negative values, decimal points, dollar signs, and numbers containing other symbols. You can use this package for everything from alphabetizing names to sorting addresses by zip code!



## Extensive Report Writing Capabilities

# Decision Support Software Running under CP/M™

To simplify budgeting, forecasting, and other tasks, a DECmate II system equipped with the CP/M™ option module accommodates the wide range of programs on the market for these tasks. For example:

- **Multiplan™ full-feature spreadsheet calculator**—This powerful financial planning tool turns your display screen into an “electronic worksheet” on which you can lay out a matrix of related values. When you alter one value, all related ones, including row and column totals, change automatically, so you can forecast and plan by asking “what-if” questions and getting instant answers. It also permits you to relate a number of matrices to

one another. If a value is changed in one matrix, related values in other matrices will be updated as well. The program lets you display a full 132 characters per line, so you can scan many columns at the same time. Or you can use split-screen display to compare two sets of rows or two sets of columns head-to-head.

When the DECmate II is equipped with the CP/M option module, the module's Z80 processor and the main 6120 processor can run in parallel. The Z80 executes the CP/M instructions, and the powerful 6120 handles input/output. This makes the DECmate II an exceptionally fast and efficient CP/M computer.

## Superior Communications

If all the information you use every-day isn't available right in your own office, and your results will be forwarded elsewhere, you need communications capabilities. DECmate II comes complete with all the necessary software for transmitting and receiving information to/from any other DIGITAL system as well as other manufacturers' computers. This is another reason your investment is sound since you're getting more than a stand-alone system. You get the ability to tie into other word processors, host computers, or other office equipment. And even to the AP/UPI newswires.

### Everything you need to access an ALL-IN-1 System

And, when accessing a larger DIGITAL office system, such as a VAX/VMS system running ALL-IN-1 software, the full, powerful range of VAX capabilities is available from your desk! When using your DECmate II as an ALL-IN-1 terminal, you can use all of the varied ALL-IN-1 menu of options which facilitate moving easily from application to application. Also, this allows your DECmate II to act as a DECmail terminal—so that you can take advantage of all the benefits of electronic mail. You can even use

a VAX or other DIGITAL systems as an electronic filing cabinet to afford you access to greater storage capacity. And through communications, DECmate II has access to other VAX application software packages.

DECmate II communications software functions include:

- **Terminal Emulation**—DECmate II communications software allows the DECmate II to be connected to a host computer and operate as a VT52, VT100, or VT102 video terminal. You can log into the host and perform data processing tasks just as you would with a standard ASCII terminal.
- **File Transfer**—The communications software also provides three software-selectable file transfer modes to move files to and from other computers, including other DECmate IIs, over local connections or to remote systems over telephone lines. The file transfer modes are:
  - Document Transmission (DX)*—The DX feature transmits and receives complete word processing documents with all special formatting controls preserved. DX can also communicate with DECmail software on a VAX/

VMS system, to send a document to another DECmate II via electronic mail.

- *Automatic Transmission (AX)*—AX is also used to exchange documents with systems using DX mode. A system set in AX mode operates without user intervention. AX provides password protection, and keeps a log of documents sent by other users.
- *Character Transmission (CX)*—Using CX, DECmate II systems can communicate interactively with a host system. The DECmate II appears to the host as a VT100 terminal, but can transfer ASCII text among the host, the DECmate II's printer, its screen, or its mass storage. This powerful feature allows you to fetch a file from the host system for local editing or printing on the DECmate II, or to create a document on the DECmate II before storing it on the host.



DECmate II is small and attractive to fit unobtrusively into any office workspace. The design reflects human engineering, so that it is lightweight and comfortable to use.

The basic components of DECmate II are the system unit, video display screen, and keyboard. The compact system unit contains the processor, main memory option modules, diskette drives, and power supply. An optional floor stand lets you place the unit vertically next to your desk, out of your way but close enough for access to the diskette drives. You can also place the unit horizontally if desired.

The display screen is very compact but can display 24 lines of either 80 or 132 characters without horizontal scrolling. Being able to display 132 characters means you won't have to settle for a partial display of a wide document. The detached keyboard is lightweight, slim, and laid out for comfortable typing.

Standard mass storage for the DEC-

mate II consists of a 5 $\frac{1}{4}$ -inch (13.3 cm) dual-diskette drive with an online storage capacity of 800 Kbytes. Each diskette stores 400 Kbytes of information, which is equivalent to about 160 typewritten pages. One way to increase the storage capacity of DECmate II is to add an optional second dual-diskette drive. This too can be housed within the system unit, bringing the online storage capacity up to 1.6 Mbytes.

Another way to get additional mass storage is with a 5 Mbyte Winchester hard disk. Fully configured, a DECmate II can support 5.8 Mbytes of online mass storage.

For owners of DECmate I systems, your original investment is protected by DIGITAL. An optional controller card is available that will let you run DIGITAL's RX02 eight-inch diskette drive. You can then convert word-processing documents from DECmate I's 8-inch diskette format to DECmate II's 5 $\frac{1}{4}$ -inch diskette format, and vice versa.

## State-of-the-Art Hardware Design

## Business Application Packages

A variety of business software is also available for your DECmate II as described briefly below:

### DIGITAL Accounting System

The DIGITAL Accounting System is a Winchester disk-based family of integrated business accounting packages that can comfortably handle small companies with up to twenty million dollars in sales.

The DIGITAL Accounting System software packages are flexible and include General Ledger, Accounts Receivable, Accounts Payable, Order and Inventory Management, and Payroll,

along with a Report Writer. Packages can be used separately or can be integrated.

### Business Accounting System by BPI

These programs are simple, easy-to-use software modules for all phases of business accounting: General Ledger, Accounts Payable, Accounts Receivable, Inventory Control, Payroll, and Job Costing. This journal-oriented diskette-based accounting system is ideal for those currently using manual methods. The packages can interface with each other for integrated bookkeeping.

## Easy to Learn and Use

DECmate II is easy to learn and use. It does not require a great deal of effort to become proficient. You don't have to attend formal classes (although they are available) or struggle through technical manuals to master your DECmate II. In fact, DECmate II provides Computer-Based Instruction (CBI) to allow self-

paced learning right at your own terminal. It also comes equipped with a complete set of documentation for reference.

And once learned, it is not cumbersome to use. Experienced users will find the powerful command mode a time-saving feature.



And finally, DECmate II comes with the kind of comprehensive warranty and support services you get only when you buy from a proven industry leader like DIGITAL that has the years of experience and resources to stand behind its products.

DIGITAL offers four levels of support services for DECmate II:

- **System Service**—This package of services offers maximum support and the quickest repair time. You can call a Service Hotline number whenever you have a question about your system hardware or software, and get knowledgeable answers from trained specialists at a Customer Services Support Center. Should onsite hardware assistance be needed, you will get continuous repair service until your system is working again. Service representatives will also install all field engineering changes onsite, to keep your system current with DIGITAL's latest hardware enhancements. All parts and labor for this service package are included in one fixed monthly charge.
- **Carry-In System Service**—This is a lower-cost alternative to regular Sys-

tem Service. When a problem cannot be cleared up by a call to the Service Hotline, you carry the malfunctioning part to one of DIGITAL's 160 Carry-In Centers worldwide. All other benefits are the same as for regular System Service.

- **Per Call Service**—You can have your DECmate II repaired onsite or bring the affected module to a DIGITAL Carry-In Center. You get charged on a time-and-materials basis. You can also swap a malfunctioning module for a good one at the Carry-In Center, and be charged only for the cost of the new module.
- **DECmailer Service**—Under this service option, you mail the malfunctioning module to a DIGITAL Customer Return Center, where it will be repaired within five days and returned to you by mail.

All of these service packages are aided by DECmate II's modular design. Because of its slide-in/slide-out components, you need only replace the affected parts to get your system up and running again.

**Standard System:** System unit, keyboard, display screen, and applications software

**System Unit:**

CPU 6120 microprocessor  
 CPU Speed 8 MHz  
 Printer Port Serial, RS232  
 Communications Port Asynch/synch, up to 9,600 baud with modem control  
 Storage Dual diskette drive (2 x 400 Kbytes)

**Video Output:** Monochrome, RS170 Compatible

**Operating Systems:** WPS-8 word processing/office automation software  
 COS 310  
 CP/M with option module

**System Expansion:** Three dedicated slots for option boards; user installable

**Hardware Options:**

- 5 Mbyte Winchester disk drive
- Second dual diskette drive (2 x 400 Kbytes)
- RX02 8-inch diskette drive interface
- CP/M option module with Z80 processor and 64 Kbytes of memory
- Choice of LA50 Personal Printer, Letterprinter 100, or LQP02 Letter-Quality Printer
- System unit stand for vertical floor mounting

## Complete Digital Support and Service

## DECmate II Specifications

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