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Beyond BASIC



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Introducing MINC, The Complete Entry-Level Scientific and Engineering System With The Software Options That Let You Grow

- RT-11
- DECnet/RT-11
- REMOTE-11
- RSX-11S
- DECnet/RSX-11
- FORTRAN IV
- APL
- MULTI-TERMINAL BASIC
- FOCAL
- MACRO-ASSEMBLER



When You Need A Low-Cost, Easy-To-Use BASIC System, But Want The Option To Grow Beyond Basic

BASIC's ideal for everyday scientific and engineering work. It's easy to learn and, because it resembles English, it's ideal for applications where you work with the computer in a conversational mode.

That's why BASIC is a standard language with desk-top calculators and computers, and why it's standard with MINC. Just turn on the power switch, and MINC is ready to program in BASIC—it's that easy.

But, there may be times when you need something else. You may want to run a FORTRAN program. You may want MULTI-TERMINAL BASIC, want

to do batch processing, foreground/background operations, or write a program in ASSEMBLY language.

MINC lets you.

MINC software—unlike the software in desk-top units—is not hardwired, so you're not limited to BASIC. This flexibility is the big difference between MINC and desk-top calculator/computers.

MINC Software Options

RT-11 Foreground/Background A real-time operating system that allows you to run two jobs—including batch processing—at the same time.

DECnet/RT-11 Supports communication between PDP-11's (including MINC) and other Digital computer systems.

Remote-11 Supports communication between MINC and other PDP-11 computer systems.

RSX-11S Multiple task operating system.

DECnet/RSX-11 Allows programs developed on another system to be downline loaded into a MINC running the multi-tasking RSX-11S.

FORTRAN IV ANSI standard, with laboratory extensions.

APL High-level programming language.

MULTI-TERMINAL BASIC Provides BASIC to multiple users simultaneously.

FOCAL An easy-to-use language similar to BASIC.

MACRO-ASSEMBLY Machine level assembly language programming.

Not More Money—More For Your Money

Now, for about the same price you'd pay for a minimal desk-top computer that can only be programmed in BASIC, you can buy MINC. MINC is a complete Digital computer system that is as easy to use in BASIC as a desk-top computer, but has extensive software options.

In addition, MINC has many standard features that are extra-cost options on desk-top units.

You have a full-sized graphics terminal that you can use for simulation studies, mathematical modeling, circuit analysis, and statistical analysis. MINC will dis-

play data in point-plot or histogram charts on command. You can display two graphs one above the other, or superimpose one over the other, so you can "see" the relationship between different variables.

You have twin floppy disks with a storage capacity of over a million characters—that's better than five times the capacity of the cassette storage standard on most calculator systems. These disks give you the capacity you need to keep records on-line where they can be accessed immediately.

You have an IEEE interface that supports up to 14 laboratory instruments and testing devices simultaneously so you can acquire data directly.

You have a serial line to which you can connect an optional printer for preparing reports, plus two lines for instruments. In addition, you have seven different optional input/output modules that plug into the MINC box so you can monitor and control almost any laboratory procedure.

Finally, you have a roll-around cart so you can wheel MINC from office to office, laboratory to laboratory, or classroom to classroom.

MINC Is Available For Fast Delivery

And, MINC is designed so you can start using it the day it's delivered. If you'd like more information, just contact your local Digital sales office or write.

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