digital

MINC-11 Calculator System

Introducing MINC. Everything You Ever Wanted In A Desk-Top Calculator And More

FOURIER SERIES APPROXIMATION TO SAW TOOTH FUNCTION
Plotting: sin x – 1/2 sin 2x + 1/3 sin 3x – 1/4 sin 4x
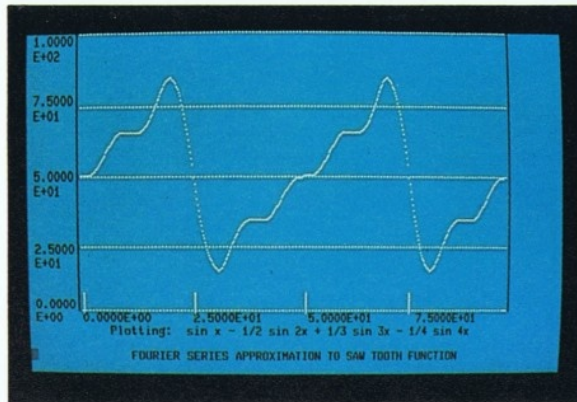
You Can Only Go So Far With A Desk-Top Calculator

It's not just that they're too bulky and heavy to lug from desk to desk, office to office, or lab to lab. They're limited in what they can do as well as where they can go.

This limitation is built-in. Desk-top units are designed to support a single user and a single language—BASIC. MINC does that, too. In fact, when you sit down at the keyboard and turn MINC on, you use it exactly the same way you'd use a desk-top calculator. It's that easy.

But, that's where the similarities end.

Not More Money—More For Your Money

Now, for about the same price you'd pay for a minimal desk-top calculator, you can buy MINC, a complete Digital computer system with many standard features that are extra-cost options on desk-top units.

MINC is delivered with complete, easy-to-use ENHANCED BASIC software for computation, graphics, and instrument control, together with ready-to-run mathematical, statistical, and data processing programs. You can enter mathematical expressions, and MINC will solve them immediately, just like a calculator. Or, you can enter a BASIC program, just as you would with a desk-top unit.

A Self-Instruction Manual Helps The Novice User Rapidly Learn To Program In BASIC

Once you've learned BASIC, you have a full-sized graphics terminal that you can use for simulation studies, mathematical modeling, circuit analysis, and statistical analysis. MINC will display 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 information where it 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 don't have to write the results down, bring them back to your desk, and type them in character by character.

You have a pair of serial-line channels to which you can connect instruments. You have an additional serial-line to connect an optional line printer for use in preparing reports.

You have seven different optional input/output modules that plug into the MINC box, so you can monitor and control almost any laboratory procedure.

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

Now You Can Do A Lot More

A BASIC desk-top calculator is a BASIC calculator and can never be anything more. The language is wired-in. But, suppose you want to run a FORTRAN program at some point in the future?

With MINC you can.

Anytime you're ready, you can add FORTRAN, APL, MACRO-ASSEMBLER and other high-level programming languages. You can use Digital's RT-11 Foreground/Background Operating System. This allows you to do two jobs at once—controlling and acquiring data from one experiment while processing, analyzing, and graphing data from another. You can run MULTI-TERMINAL BASIC. You can do batch processing. You can even tie your MINC to other computer systems.

If You Can Afford A Desk-Top Calculator, You Can Afford MINC

In fact, MINC actually costs less than many desk-top units. In other words, you don't pay extra for extra capabilities. And, those capabilities can save you both time and money. Chances are—even with a desk-top calculator/computer—you're already using an in-house or outside timesharing service. MINC can cut your time charges.

In addition, MINC can perform many other jobs that you're now probably sending to your computer center or service bureau. When you have your own computer system, you don't have to queue up for computer time. You don't have to pay for outside programming. And, you don't have to worry about how much time and storage you will be billed for this month.

If you'd like more information, please contact your local Digital sales office or write:

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