Tandy ELECTRONICS

VISICALC®

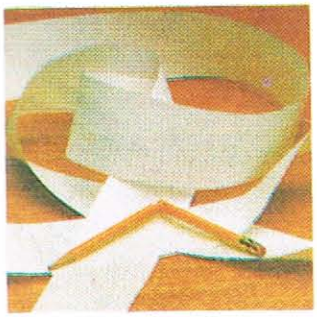
The Most Important Planning Tool a Manager Can Use!

- Ideal for Forecasting, Modelling and Analysis
- Set Up Your Worksheet With Formulas and Values — Change Any Variable and VisiCalc Updates Every Related Number in Seconds
- Save Your Data on Disk for Later Use
- Print Selected Portions of Your Worksheet
- Available for TRS-80® Model I, Model II, and Model III Systems Starting as Low as $2499.

The Route to Fast and Easy Pl

Do Away With Slow, Messy Spreadsheets . . .

Planning and decision-making are what being a manager is all about. But they can also be a manager's biggest headache. Especially when they involve complex spreadsheets. So many entries, so many variables — many dependent on one another. Working with pencil and paper can quickly become a messy job. Even an electronic calculator only helps with the arithmetic. Change anything and you have to refigure and re-enter all the related numbers.



. . . or Expensive Time-Share Systems

So, computerize it. Sure, but that's not always the ideal solution. Time-sharing is expensive and the computer may not be available when you need it most. Even if your company has its own mainframe system you may have a long wait.

The answer? TRS-80 with VisiCalc. You get the speed of computerized analysis, personal control of your own worksheet and no hourly or monthly fees!

A New Kind of Tool for Business Planners

If what you need is a quick and accurate method of working with the data for budgets, cost projections, financial statements, production schedules, market predictions or engineering problems, then what you need is VisiCalc. VisiCalc is a computer program for business-people who aren't computer experts and don't care to be, but who are responsible for important spreadsheet planning and decisions.

How does VisiCalc do it? By turning your TRS-80 computer into a giant "electronic worksheet" that can be up to 63 columns wide or 255 rows deep.

Electronic Worksheet — Fast, Accurate, Neat!

You enter your data just once. But where you would normally calculate an entry, you enter the formula for calculating that number. Instead of hours of figuring, erasing, copying and shuffling from sheet to sheet, with VisiCalc you begin immediately to analyze your information.

Every time you enter a new piece of data, VisiCalc instantly and automatically refigures all related entries and totals, and then displays the results on your screen. Add a line printer and produce a report in seconds.

"What if . . ." Questions Become a Snap

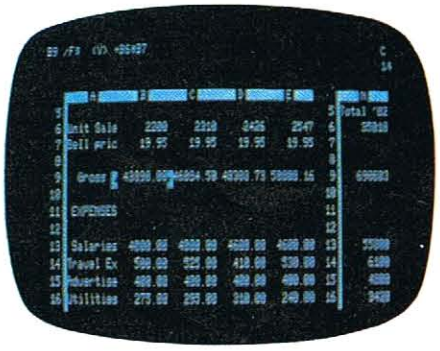
Raw materials, wages, transportation may go up, but production improvements may cut unit costs. What if you pay cash for that new piece of equipment — or lease it? Just plug in a number or two and see the effect for a whole year. Or five years.

anning—TRS-80 with VisiCalc

. . . Get Clean, Accurate Worksheets!

The Planner's Dream: A Window on the Future

VisiCalc is your "crystal ball," a window through which you can judge the future effect of today's decisions. Because of its speed and accuracy, you spend less time "pencil-pushing" and more time managing, and that can be the critical edge in a competitive world. Once your spreadsheet or model is set up, you can store it on diskettes for updating or review any time in the future.



Screen splits horizontally or vertically to allow you to watch results in one area while working in another.

Easy to Use—No "Computerese"

Best of all, VisiCalc is designed for business people. The manual is written in down-to-earth English rather than computer jargon. It's so easy to learn you can teach yourself and begin seeing results the same day—a budget analyst for a major newspaper did just that.

In Use by Many Managers . . . Right Now!

VisiCalc is already helping many companies both large and small. For example, the research arm of a major corporation uses VisiCalc for budgetary decision-making, allocation of resources, comparison of performance to projection, personnel ratings—even for the allocation of space within a new building.

A smaller company uses VisiCalc to speed and simplify its complicated billing procedures.

A giant manufacturing firm began using VisiCalc and found that analysts, relieved of spreadsheet drudgery, were enjoying their work again. At the same time, demands for typing were significantly reduced.

How to Get Relief From Planning Headaches

It's easy. All you need is a TRS-80 Model I, II, or III microcomputer and the VisiCalc program, plus a line printer to give you hard copy when you've got the results you want.

Planning and analysis will never be the same.

Specifications and Special Functions

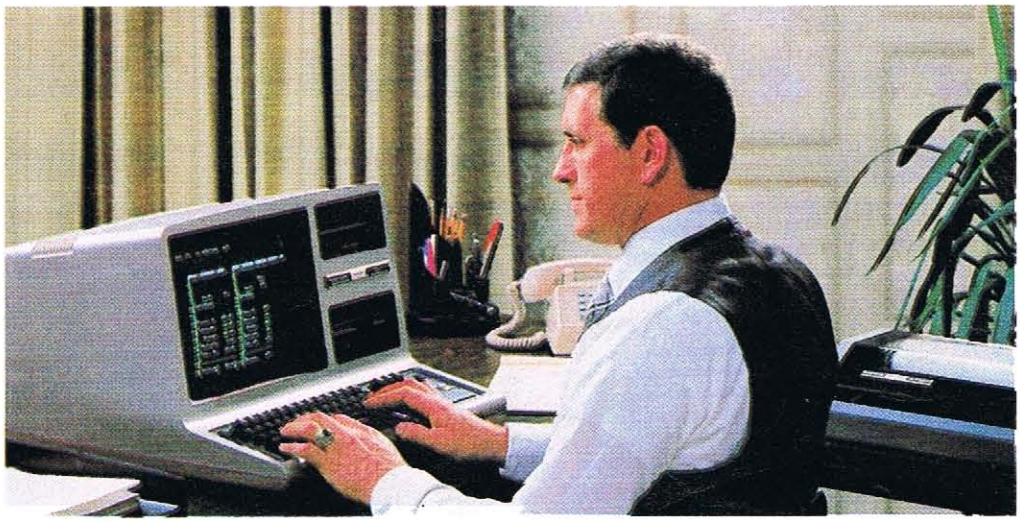
Accuracy: 11 digit in conventional values, integers or dollars and cents. *Capacity:* 63 columns wide, 255 rows deep (actual capacity will vary depending on the model of TRS-80 used and the size of individual elements in the spreadsheet). *Graphing capacity:* Simple bar graphs. *Fast formula extension:* Automatic replication. *Business Functions:* SUM (list)—sum of all values in list (all or part of a row or column); MIN or MAX (list)—smallest or largest value in list; COUNT (list)—number of non-blank entries in list; AVERAGE (list)—average of non-blank entries in list; NVP—net present value of cash flow in specified range; LOOKUP—find value in table. *Engineering Functions:* SIN, COS, TAN, ASIN, ACOS, ATAN, ABS, LOG, LN, PI, EXP and SQRT.

Choose from Many TRS-80 Systems: There's One Just Right for You

Our Most Affordable System — Model III and Line Printer VII

The perfect personal system for a manager. The 48K Single-Disk Model III is an ideal management tool with typewriter-style keyboard, numeric data pad, and many advanced features. The Line Printer VII provides affordable, quality impact printing. Additional low-cost programs are available for word processing, electronic filing and more. System includes VisiCalc program. Available at Tandy Computer Centres, stores, or participating dealers. Ask for a demonstration.

System as Shown **3307.90**



A Superb Business System — Model II and Line Printer V

Here's a complete system that's powerful enough to handle the data needs of many small businesses — at a price a businessman can afford. The 64K Model II with built-in 20.3cm disk drive is ideal for accounting, filing, word processing and planning. The 38.1cm-wide, high-speed, dot-matrix Line Printer V prints 160 characters per second. Price includes VisiCalc program, system desk and printer stand. See it at your nearest Tandy Computer Centre or the expanded computer department of selected Tandy stores and participating dealers.

System as Shown **8164.95**

VisiCalc for Current Users Of TRS-80 Microcomputers —Now Including Enhanced Manager's Version for Model III

TRS-80 Model I VisiCalc Software. (Requires 32K one-disk Model I, minimum.) 26-1566 ..... 139.95
TRS-80 Model II VisiCalc Software. 26-4511 ..... 299.00
TRS-80 Model III Enhanced VisiCalc Software. New features include a time-saving formula editor that lets you edit entries without having to re-enter them. New logical functions and comparison operators allow branching and testing. (Requires 48K one-disk Model III, minimum.)
26-1569 ..... 249.95

Tandy ELECTRONICS

The biggest name in little computers™

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Retail prices may vary at individual dealer stores. Special order may be required.® VisiCalc is a registered trademark of Personal Software, Inc.