

GOT A PROBLEM?

Let Our Math Programs Solve Them for You!

TONING UP How to Improve The Model 4's Sound Command

FREE RAM! We Unearth 14K In the Tandy 1000

THE 4D REVIEWED Tandy's War Horse Keeps on Trucking

DAVE'S MS-DOS COLUMN Dave Checks Out Two Hard Drives



FEBRUARY 1986 USA \$4.00 CANADA \$4.50 A CWC/I PUBLICATION

P96-Wall moder

ALSO INSIDE: Dave's MS-DOS Column MS-DOS New Products Basic Takes Project 80 Feedback Loop

Circle 9 on Reader Service card Introducing the Most Powerful **Business Software Ever!**

TRS-80[™] (Model I, II, III, or 16) ● APPLE[™] ● IBM[™] ● OSBORNE[™] ● CP/M[™] ● KAYPRO[™]

YEOU SIMELIFIED

FREE--TRS-80 Mod I,III & 4 programs supplied on DosPlus (minimum system). Complete DosPlus also available.

FRSABUSINESS Series

Each VERSABUSINESS module can be purchased and used independently,

or can be linked in any combination to form a complete, coordinated business system.

VERSARECEIVABLESTM

\$99.95

VERSARECEIVABLES" is a complete menu-driven accounts receivable, invoicing, and monthly statement-generating system. It keeps track of all information related to who owes you or your company money, and can provide automatic billing for past due ac-counts. VERSARECEIVABLES" prints all necessary statements, invoices, and summary reports and can be linked with VERSALEDGER II" and VERSALVENTORY".

VERSAPAYABLES"

\$99.95

VERSAPARALES" is designed to keep track of current and aged payables, keeping you in touch with all information regarding how much money your company owes, and to whom. VERSAPAYABLES" maintains a complete record on each vendor, prints checks, check registers, vouchers, transaction reports, aged payables reports, vendor reports, and more. With VERSAPAYABLES", you can even let your computer automatically select which vouchers are to be paid.

VERSAPAYROLL[™]

\$99.95

VERSAPAYROLL" is a powerful and sophisticated, but easy to use payroll system that keeps track of all government-required payroll information. Complete employee records are maintained, and all necessary payroll calculations are performed automatically, with totals displayed on screen for operator approval. A payroll can be run totally, automatically, or the operator can intervene to prevent a check from being printed, or to alter information on it. If desired, totals may be posted to the VERSALEDGER II" system.

VERSAINVENTORY

\$99.95

VERSAINVENTORY" is a complete inventory control system that gives you instant access to data on any item. VERSAINVENTORY" keeps track of all information related to what items are in stock, out of stock, on backorder, etc., stores sales and pricing data, alerts you when an item fails below a preset reorder point, and allows you to enter and print invoices directly or to link with the VERSARECEIVALES" system. VERSAINVENTORY" prints all needed inventory listings, reports of items below reorder point, inventory value re-ports, period and year-to-date sales reports, price lists, inventory checklists, etc.

MPUTANNI

50 N. PASCACK ROAD, SPRING VALLEY, N.Y. 10977

VERSALEDGER II**

\$149.95 VERSALEDGER II" is a complete accounting system that grows as your business grows. VERSALEDGER II" can be used as a simple personal checkbook register, expanded to a small business bookkeeping system or developed into a large VERSALEDGER II" gives you almost unlimited storage capacity (300 to 10,000 entries per month, depending on the system), stores all check and general ledger information forever, prints tractor-feed checks,

VERSALEDGER HAS BEEN CREATE WITH THE FIRST TIME COMPUTER USER

GENERAL LEDGER?

VERSA LEDGER

COMENTING ON

- handles multiple checkbooks and general ledgers, .
- prints 17 customized accounting reports including check registers, balance sheets, income statements, transaction reports, account listings, etc.

VERSALEDGER II^{T*} comes with a professionally-written 160 page manual de-signed for first-time users. The VERSALEDGER II^{T*} manual will help you become quickly familiar with VERSALEDGER II^{T*}, using complete sample data files supplied on diskette and more than 50 pages of sample printouts.



DEALER INQUIRIES WELCOME

All prices and specifications subject to change / Delivery subject to availability.

TRS-80 trademark Tandy Corp. - APPLE trademark Apple Corp. - IBM PC trademark IBM Corp. - OSBORNE trademark Osborne Corp. - XEROX trademark Xerox Corp. - KAYPRO trademark Non-Linear Systems, Inc. - TELEVIDEO trademark Televideo Systems, Inc. - SANYO trademark Sanyo Corp. - NEC trademark NEC Corp. - DEC trademark Digital Equipment Corp. - ZENITH trademark Zenith Corp. TI PROFESSIONAL COMPUTER trademark Texas Instruments, Inc. - SUPERBRAIN trademark Intertec Corp. - CP/M trademark Digital Research - EPSTON trademark Epson Corp.



MARCH 1986 USA \$4.00 CANADA \$4.50 A CWC/I PUBLICATION Check Out These Features: Dave's MS-DOS Column Feedback Loop Project 80 Spreadsheet Beat

The Next Step

Fred's

Data

Base Manager



DED

FRED JON

DO IT YOURSELF! Create Your Own Data Base Manager

THE MODEL 600 Is Tandy's New Portable Worth the Price?

A DIFFERENT ANGLE How to Rotate Hi-Res Graphics

DAVE'S MS-DOS COLUMN: What You Should Know About Interrupts

COLOR COMPUTER OWNERS! Now Including Features From Hot CoCo Magazine



Introducing the Most Powerful Business Software Ever!

TRS-80™ (Model I, II, III, or 16) • APPLE™ • IBM™ • OSBORNE™ • CP/M™ • KAYPRO™

ICLI SIMPLIFIEL

FREE--TRS-80 Mod I,III & 4 programs supplied on DosPlus (minimum system). Complete DosPlus also available.

VERSABUSINESS" Series

Each VERSABUSINESS module can be purchased and used independently, or can be linked in any combination to form a complete, coordinated business system.

VERSARECEIVABLES" \$99.95 VERSARECEIVABLES" is a complete menu driven accounts receivable, invoicing, and monthly statement generating system. It keeps track of all information related to who owes you or your company money, and can provide automatic billing for past due ac-counts. VERSARECEIVABLES" prints all necessary statements, invoices, and summary reports and can be linked with VERSALEDGER II" and VERSALVENTORY".

VERSAPAYABLES"

VERSAFAYABLES" \$99.95 VERSA PAYABLES" is designed to keep track of current and aged payables, keeping you in touch with all information regarding how much money your company owes, and to whom. VERSA PAYABLES" maintains a complete record on each vendor, prints checks, check registers, vouchers, transaction reports, aged payables reports, vendor reports, and more. With VERSA PAYABLES", you can even let your computer automatically select which vouchers are to be paid.

\$99.95

VERSAPAYROLL^{**} \$99.95 VERSAPAYROLL^{**} is a powerful and sophisticated, but easy to use payroll system that keeps track of all government-required payroll information. Complete employee records are maintained, and all necessary payroll calculations are performed automatically, with totals displayed on screen for operator approval. A payroll can be run totally, automati-cally, or the operator can intervene to prevent a check from being printed, or to alter information on it. If desired, totals may be posted to the VERSALEDGER II* system.

VERSAINVENTORY" **\$99.95** VERSAINVENTORY" is a complete inventory control system that gives you instant access to data on any item. VERSAINVENTORY" keeps track of all information related to what items are in stock, out of stock, on backorder, etc., stores sales and pricing data, alerts you when an item falls below a preset reorder point, and allows you to enter and print invoices directly or to link with the VERSARECEIVABLES" system. VERSAINVENTORY" prints all needed inventory listings, reports of items below reorder point, inventory value re-ports, period and year-to-date sales reports, price lists, inventory checklists, etc.

50 N. PASCACK ROAD, SPRING VALLEY, N.Y. 10977

VERSALEDGER II™

\$149.95

GENERAL LEDGER?

VERSA LEDGER

DEN IT WELTS

COMPUTERONS

VERSALEDGER II" is a complete accounting system that grows as your business grows. VERSALEDGER II" can be used as a simple personal checkbook register, expanded to a small business bookkeeping system or developed into a large versal ledger system without any additional software.
 Versal edger II[™] gives you almost unlimited storage capacity

- (300 to 10,000 entries per month, depending on the system),
- stores all check and general ledger information forever,
- · prints tractor-feed checks,
- handles multiple checkbooks and general ledgers,
 prints 17 customized accounting reports including check registers, balance sheets, income statements, transaction reports, account listings, etc.

VERSALEDGER IITM comes with a professionally-written 160 page manual de-signed for first-time users. The VERSALEDGER IITM manual will help you become quickly familiar with VERSALEDGER IITM, using complete sample data files supplied on diskette and more than 50 pages of sample printouts.

SATISFACTION GUARANTEED!

Every VERSABUSINESS" module is guaranteed to outperform all other competitive systems, and at a fraction of their cost. If you are not satisfied with any VERSABUSINESS" module, you may return it within 30 days for a return. Manuals for any VERSABUSINESS" module may be purchased for \$25 each, credited toward a later purchase of that module. All CP/M-based Computers must be equipped with Microsoft BASIC (MBASIC or BASIC-80)



TRS 80 trademark Tandy Corp. - APPLE trademark Apple Corp. - IBM PC trademark IBM Corp. - OSBORNE trademark Osborne Corp. - XEROX trademark Xerox Corp. - KAYPRO trademark Non-Linear Systems, Inc. - TELEVIDEO trademark Televideo Systems, Inc. - SANYO trademark Sanyo Corp. - NEC trademark NEC Corp. - DEC trademark Digital Equipment Corp. - ZENTH trademark Zenith Corp. TI PROFESSIONAL COMPUTER trademark Texas Instruments, Inc. - SUPERBRAIN trademark Intertec Corp. - CP/M trademark Digital Research - EPSTON trademark Epson Corp.