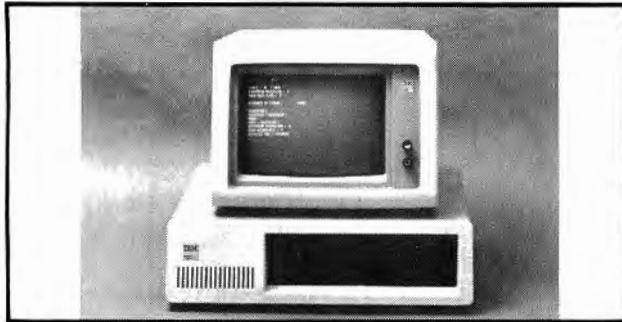
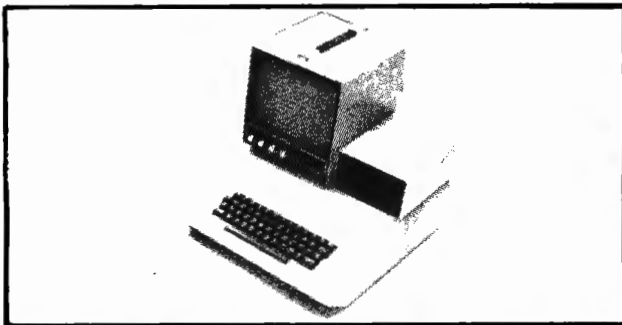
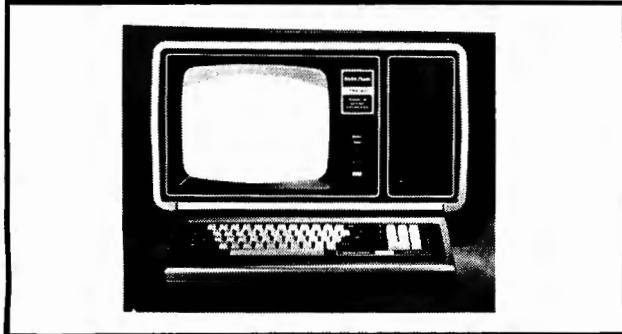


SOFTWARE CATALOG NO. 9

H & E COMPUTRONICS INC.

• • EVERYTHING FOR YOUR TRS-80™ • ATARI™ • APPLE™ • PET™ • CP/M™ • XEROX™ • IBM™ • •

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LOAD * GENERALIZED SUBROUTINE FACILITY
 * SOFTWARE BUSINESS * REMODEL-PROLOAD
 * DOSORT * GENERAL LEDGER * MAIL LIST
 PROGRAMS * AIR RAID * BARRICADE
 SUBROUTINE FACILITY * DOSORT * GENERAL
 * MACHINE LANGUAGE PROGRAMS * AIR RAID
 * GENERALIZED SUBROUTINE FACILITY *
 MAIL LIST * MACHINE LANGUAGE PROGRAMS

**THIS MAY BE YOUR
 LAST CATALOG —
 SEE CENTERFOLD
 FOR DETAILS**

BARRICADE
 PROGRAMS * AIR RAID * BARRICADE
 * DOSORT * GENERAL
 * MACHINE LANGUAGE PROGRAMS * AIR
 * GENERALIZED SUBROUTINE FACILITY *
 LIBRARY 100 * MACHINE LANGUAGE PRO
 EL-PROLOAD * GENERALIZED SUBROUTINE
 MAIL LIST * LIBRARY 100 * MACHINE L
 RICADE * REMODEL-PROLOAD * GENERAL
 * GENERAL
 * AIR RAID * R

**NEW TOLL-FREE ORDER LINE
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Tired Of Your GENERAL LEDGER?

VERSA- LEDGER

- ★ THE ULTIMATE PERSONAL CHECK REGISTER
- ★ A PROFESSIONAL ACCOUNTING SYSTEM
- ★ A PERSONAL FINANCIAL MANAGER
- ★ A SMALL BUSINESS ACCOUNTING SYSTEM
- ★ A COMPLETE GENERAL LEDGER

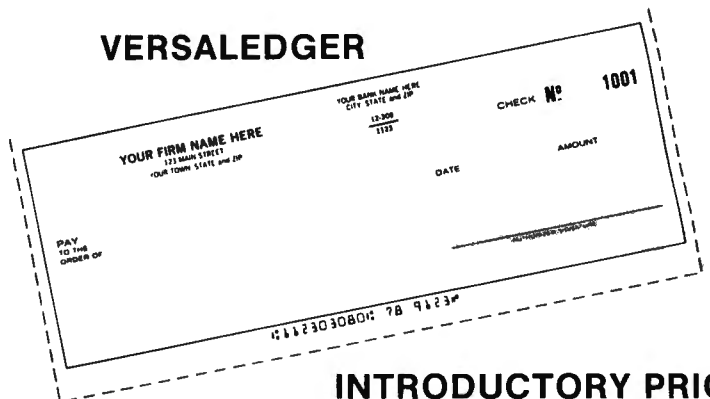
FOR YOUR TRS-80* MODEL I, II, III or COLOR COMPUTER • APPLE II* • I.B.M.* • XEROX* • ATARI*
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HOW IT WORKS

VERSALEDGER is a complete accounting system that grows as you or your business grows. To start, your **VERSALEDGER** acts as a simple method of keeping track of your checkbook. Just enter your check number, date and to whom the check is made out to. As you or your business grows, you may add more details to your transactions . . . account number, detailed account explanations, etc.

- **VERSALEDGER** can give you an instant cash balance at anytime. (IF YOU WANT IT TO)
- **VERSALEDGER** can be used as a small personal checkbook register. (IF YOU WANT IT TO)
- **VERSALEDGER** can be used to run your million dollar corporation. (IF YOU WANT IT TO)
- **VERSALEDGER** prints checks. (IF YOU WANT IT TO)
- **VERSALEDGER** stores all check information forever. (IF YOU WANT IT TO)
- **VERSALEDGER** can distribute one check to multiple expense accounts. (IF YOU WANT IT TO)
- **VERSALEDGER** can handle more than one checkbook. (IF YOU WANT IT TO)
- **VERSALEDGER** can be used to replace a general ledger. (IF YOU WANT IT TO)
- **VERSALEDGER HAS AN ALMOST UNLIMITED CAPACITY**
(300 checks per month on single density 5¼" disk drives such as the TRS-80 Model I) (6000 checks per month on the TRS-80 Model II)
(500 checks per month on the Apple II) (3000 checks per month on single density 8" CP/M)
(2400 checks per month on the TRS-80 Model III) (almost unlimited capacity on hard disk drive)
- **VERSALEDGER** will soon have an add-on payroll package. (IF YOU NEED IT)



INTRODUCTORY PRICE
\$99.95

— CAN BE USED WITH 1 or MORE DISK DRIVES with 48K —

**VERSALEDGER HAS BEEN CREATED
WITH THE FIRST TIME COMPUTER USER IN MIND**

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THE COLLECTOR!

VERSA- RECEIVABLES

- ★ THE ULTIMATE ACCOUNTS RECEIVABLE SYSTEM
- ★ HANDLES ALL ACCOUNTS RECEIVABLE FUNCTIONS
- ★ QUICK PERIODIC SUMMARIES AND REPORTS
- ★ PERFECT FOR PERSONAL OR BUSINESS USE
- ★ EXPANDS TO HANDLE LARGE CORPORATE RECEIVABLES

FOR YOUR TRS-80* MODEL I, II, III, 16 • APPLE* • I.B.M.* • XEROX* • ATARI*
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HOW IT WORKS

VERSARECEIVABLES is a complete menu driven accounts receivable system. It keeps track of all information related to who owes you or your company money. It prints all necessary statements, invoices and all summary reports to keep you in touch with the flow of money owed to your company. In short, **VERSARECEIVABLES** is a complete invoicing and monthly statement generating system which keeps track of current and past due receivables.

- VERSARECEIVABLES invoices your customers. (IF YOU WANT IT TO)
- VERSARECEIVABLES prints customer mailing labels. (IF YOU WANT IT TO)
- VERSARECEIVABLES generates monthly (or periodic) statements at any time. (IF YOU WANT IT TO)
- VERSARECEIVABLES uses commonly available preprinted statements and invoices. (IF YOU WANT IT TO)
- VERSARECEIVABLES allows partial payments on open invoices. (IF YOU WANT IT TO)
- VERSARECEIVABLES prints out all commonly used ACCOUNTS RECEIVABLE reports to give you a total picture of money owed to your company. (IF YOU WANT IT TO)
- VERSARECEIVABLES keeps a history of each account, both current and aged. (IF YOU WANT IT TO)
- VERSARECEIVABLES is ideal for doctors, lawyers, small and large businesses.
- VERSARECEIVABLES HAS AN ALMOST UNLIMITED CAPACITY

400 customers and transactions per month on single density 5¼" disk drives such as the TRS-80 Model I	
600 per month on the APPLE II	
2400 per month on the TRS-80 MODEL III	3000 per month on single density 8" CP/M
6000 per month on the TRS-80 MODEL II	Almost unlimited on hard disk drive systems

Above capacities are estimates and depend on the customer-transaction mix and the amount of disk space available.

**VERSARECEIVABLES HAS BEEN CREATED
WITH THE FIRST TIME COMPUTER USER IN MIND**

COMPUTRONICS
MATHEMATICAL APPLICATIONS SERVICE™

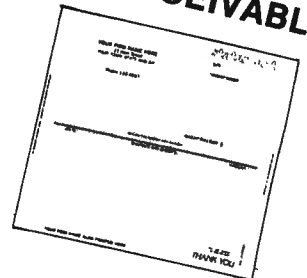
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VERSARECEIVABLES



INTRODUCTORY PRICE

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HOW MUCH MONEY DO YOU OWE?

VERSA- PAYABLES

- ★ THE ULTIMATE ACCOUNTS PAYABLE SYSTEM
- ★ HANDLES ALL ACCOUNTS PAYABLE FUNCTIONS
- ★ QUICK PERIODIC SUMMARIES AND REPORTS
- ★ PERFECT FOR PERSONAL OR BUSINESS USE
- ★ EXPANDS TO HANDLE LARGE CORPORATE PAYABLES

FOR YOUR TRS-80* MODEL I, II, III, 16 • APPLE* • I.B.M.* • XEROX* • ATARI*
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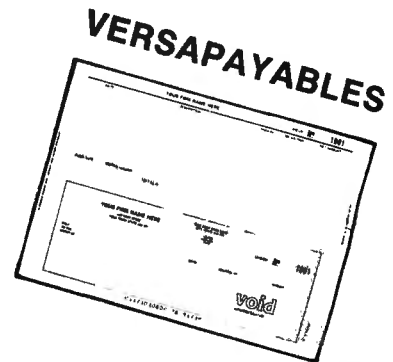
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HOW IT WORKS

VERSAPAYABLES is a complete menu driven accounts payable system. It keeps track of all information related to how much money you (personally) or your company owes. It prints all necessary checks and statements on easily obtainable tractor feed forms (or on plain paper). Prints all summary reports to keep you in touch with the flow of money going out of your hands (or leaving your company). In short, VERSAPAYABLES is designed to keep track of current and aged payables. The system maintains a complete record of each vendor, helps determine which transactions to pay by due date within certain cash requirements and prints checks automatically with a detailed check register.

- VERSAPAYABLES prints out your checks. (IF YOU WANT IT TO)
- VERSAPAYABLES prints out a detailed check register. (IF YOU WANT IT TO)
- VERSAPAYABLES allows for full or partial payments. (IF YOU WANT IT TO)
- VERSAPAYABLES prints out vendor mailing labels. (IF YOU WANT IT TO)
- VERSAPAYABLES prints out all commonly used ACCOUNTS PAYABLE reports to give you a total picture of money you or your company owes. (IF YOU WANT IT TO)
- VERSAPAYABLES integrates with **VERSALEDGER**. (IF YOU WANT IT TO)
- VERSAPAYABLES HAS AN ALMOST UNLIMITED CAPACITY
 - 400 vendors and transactions per month on single density 5 1/4" disk drives such as the TRS-80 MODEL I
 - 600 per month on the APPLE II
 - 2400 per month on the TRS-80 MODEL III
 - 6000 per month of the TRS-80 MODEL II
 - 3000 per month on single density 8" CP/M
 - Almost unlimited capacity on hard disk drive systems

Above capacities are estimates and depend on disk space available and your vendor-transaction mix.



INTRODUCTORY PRICE

\$99.95

**VERSAPAYABLES HAS BEEN CREATED
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PAYROLL SIMPLIFIED

VERSA PAYROLL

- ★ THE ULTIMATE PROFESSIONAL PAYROLL SYSTEM
- ★ HANDLES ALL PAYROLL FUNCTIONS AND REPORTS
- ★ QUICK QUARTERLY AND END OF YEAR SUMMARIES
- ★ PERFECT FOR A SMALL BUSINESS
- ★ EXPANDS TO HANDLE LARGE CORPORATE PAYROLLS

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ALL MICROSOFT BASIC COMPUTERS

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HOW IT WORKS

VERSAPAYROLL is a complete menu driven payroll system that grows as you or your business grows. Your VERSAPAYROLL acts as a simple payroll system keeping track of all government required payroll information. Just enter the employees, VERSAPAYROLL will perform all the necessary payroll calculations automatically and display to totals on your screen. The user has complete control to accept the totals, to print or not print out a check and to post or not post the total to our VERSALEDGER system.

- VERSAPAYROLL automatically prints out your PAYROLL checks. (IF YOU WANT IT TO)
- VERSAPAYROLL allows you to override any payroll deduction. (IF YOU WANT IT TO)
- VERSAPAYROLL automatically posts all checks written to our VERSALEDGER system. (IF YOU WANT IT TO)
- VERSAPAYROLL allows the user to print out PAYROLL checks one at a time. (IF YOU WANT IT TO)
- VERSAPAYROLL allows the user to print out all your PAYROLL checks at the same time. (IF YOU WANT IT TO)
- VERSAPAYROLL gives you a summary of any employee's year to date payroll totals or all employee totals at any time. (IF YOU WANT IT TO)
- VERSAPAYROLL will allow you to correct any error made at any time and automatically refigure all totals. (IF YOU WANT IT TO)
- VERSAPAYROLL works in every state. (IF YOU WANT IT TO)
- VERSAPAYROLL automatically calculates all federal and states taxes. (IF YOU WANT IT TO)
- VERSAPAYROLL allows for all of the standard deductions plus state, city and three miscellaneous deductions. (IF YOU WANT IT TO)
- VERSAPAYROLL prints all government required reports. (IF YOU WANT IT TO)
- VERSAPAYROLL permanently stores all PAYROLL transactions. (IF YOU WANT IT TO)
- VERSAPAYROLL HAS AN ALMOST UNLIMITED CAPACITY

Can handle up to 300 employees on a TRS-80 MODEL I, 600 employees on a TRS-80 MODEL III, 1200 employees on a TRS-80 MODEL II, 500 employees on an APPLE II, 600 employees on any single density 8" CP/M computer and almost unlimited capacity on hard disk systems.

CAN BE USED WITH 1 or MORE DISK DRIVES (AND 48K)

**VERSAPAYROLL HAS BEEN CREATED
WITH THE FIRST TIME COMPUTER USER IN MIND**

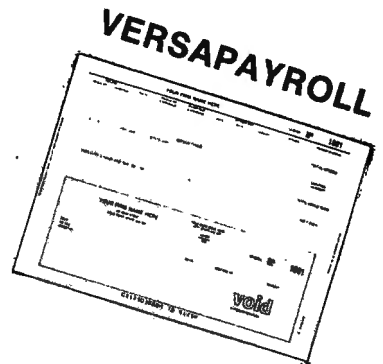
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HOW MANY DO YOU HAVE LEFT?

VERSA- INVENTORY

- ★ THE ULTIMATE INVENTORY SYSTEM
- ★ HANDLES ALL INVENTORY FUNCTIONS
- ★ QUICK PERIODIC SUMMARIES AND REPORTS
- ★ PERFECT FOR PERSONAL OR BUSINESS USE
- ★ EXPANDS TO HANDLE LARGE CORPORATE INVENTORIES

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ALL MICROSOFT BASIC COMPUTERS

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HOW IT WORKS

VERSAINVENTORY is a complete menu driven inventory control system. It keeps track of all information related to how many of a particular item you have. It prints all necessary inventory reports and gives you instant access to any inventory item. **VERSAINVENTORY** allows the user to stay in touch with items that directly affect sales. Update **INVENTORY** through easy **MENU** driven processes.

- **VERSAINVENTORY** allows the user to instantly add to or deduct from **INVENTORY**. (IF YOU WANT IT TO)
- **VERSAINVENTORY** handles reorder point levels. (IF YOU WANT IT TO)
- **VERSAINVENTORY** gives period-to-date and year-to-date sales reports. (IF YOU WANT IT TO)
- **VERSAINVENTORY** can be linked to **VERSARECEIVABLES** and **VERSALEDGER**. (IF YOU WANT IT TO)
- **VERSAINVENTORY** gives all standard **INVENTORY REPORTS**. (IF YOU WANT IT TO)
- **VERSAINVENTORY** instantly values your **INVENTORY**. (IF YOU WANT IT TO)
- **VERSAINVENTORY** HAS AN ALMOST UNLIMITED CAPACITY

**INTRODUCTORY
PRICE
\$99.95**

To figure out estimated **VERSAINVENTORY** limitations, just multiply 8 by the number of kilobytes of disk storage available. For example, the store capacity on a TRS-80 MODEL II disk drive is 500K. That will allow the user to have about 4,000 inventory items on record. This total is an estimate and depends on how you set up your inventory system.

**VERSAINVENTORY HAS BEEN CREATED
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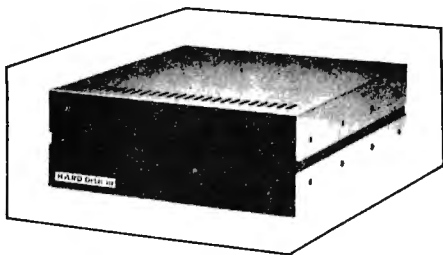


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THE BOX

12 MEGABYTE 5-1/4" HARD DISK DRIVE

TRS-80* • APPLE* • IBM* • HEATH* • ZENITH* • XEROX*



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THE BOX WORKS

We're So Convinced That **THE BOX** Is Exactly What You Need That We'll Let You Try It For 10-Days. If You Don't Like It — Return It For A Full Refund.

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- Cost **\$2995*** Per Drive
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- Winchester Technology
- Add Up To 3 Additional Drives
- Full One Year Warranty On All Parts And Workmanship Provided by Manufacturer
- Boots Up In Seconds
- Direct Installations In Minutes
- Availability - **NOW!**

- * Model III TRSDOS Compatible Operating System **\$149.00**
- * Model II TRSDOS Compatible Operating System **\$400.00**
- * Model II CP/M Compatible Operating System **\$250.00**

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 Inventory Control.....Payroll.....Bookkeeping System.....Stock Calculations.....
 Checkbook Maintenance.....Accounts Receivable.....Accounts Payable.....

BUSINESS 100 PROGRAM LIST

NAME	DESCRIPTION
1 RJLE78	Interest Apportionment by Rule of the 78's
2 ANNU1	Annuity computation program
3 DATE	Time between dates
4 DAYYEAR	Day of year a particular date falls on
5 LEASEINT	Interest rate on lease
6 BREAKEVN	Breakeven analysis
7 DEPRSL	Straightline depreciation
8 DEPRSY	Sum of the digits depreciation
9 DEPRDB	Declining balance depreciation
10 DEPRDDB	Double declining balance depreciation
11 TAXDEP	Cash flow vs. depreciation tables
12 CHECKK2	Prints NEBS checks along with daily register
13 CHECKBK1	Checkbook maintenance program
14 MORTGAGE/A	Mortgage amortization table
15 MULTMON	Computes time needed for money to double, triple, etc.
16 SALVAGE	Determines salvage value of an investment
17 RRVARIN	Rate of return on investment with variable inflows
18 RRCONST	Rate of return on investment with constant inflows
19 EFFECT	Effective interest rate of a loan
20 FVAL	Future value of an investment (compound interest)
21 PVAL	Present value of a future amount
22 LOANPAY	Amount of payment on a loan
23 REGWITH	Equal withdrawals from investment to leave 0 over
24 SIMPDISK	Simple discount analysis
25 DATEVAL	Equivalent & nonequivalent dated values for oblig.
26 ANNDEF	Present value of deferred annuities
27 MARKUP	% Markup analysis for items
28 SINKFUND	Sinking fund amortization program
29 BONDVAL	Value of a bond
30 DEplete	Depletion analysis
31 BLACKSH	Black Scholes options analysis
32 STOCVAL1	Expected return on stock via discounts dividends
33 WARVAL	Value of a warrant
34 BONDVAL2	Value of a bond
35 EPSEST	Estimate of future earnings per share for company
36 BETAALPH	Computes alpha and beta variables for stock
37 SHARPE1	Portfolio selection model-i.e. what stocks to hold
38 OPTWRITE	Option writing computations
39 RTVAL	Value of a right
40 EXPVAL	Expected value analysis
41 BAYES	Bayesian decisions
42 VALPRINF	Value of perfect information
43 VALADINF	Value of additional information
44 UTILFY	Derives utility function
45 SIMPLEX	Linear programming solution by simplex method
46 TRANS	Transportation method for linear programming
47 EOQ	Economic order quantity inventory model
48 QJUE1	Single server queueing (waiting line) model
49 CVP	Cost-volume-profit analysis
50 CONDPFROF	Conditional profit tables
51 OPTLOSS	Opportunity loss tables
52 FQIQOQ	Fixed quantity economic order quantity model
53 FQEQWVSH	As above but with shortages permitted
54 FQEQQPB	As above but with quantity price breaks
55 QJUEQCB	Cost-benefit waiting line analysis
56 NCFANAL	Net cash-flow analysis for simple investment
57 PROFIND	Profitability index of a project
58 CAPI	Cap. Asset Pr. Model analysis of project

59 WACC	Weighted average cost of capital
60 COMBAL	True rate on loan with compensating bal. required
61 DISCBAL	True rate on discounted loan
62 MERGANAL	Merger analysis computations
63 FINRAT	Financial ratios for a firm
64 NPV	Net present value of project
65 PRINDLAS	Laspeyres price index
66 PRINDPA	Paasche price index
67 SEASIND	Constructs seasonal quantity indices for company
68 TIMETR	Time series analysis linear trend
69 TIMEMOV	Time series analysis moving average trend
70 FUPRINF	Future price estimation with inflation
71 MAILPAC	Mailing list system
72 LETWRT	Letter writing system-links with MAILPAC
73 SORT3	Sorts list of names
74 LABEL1	Shipping label maker
75 LABEL2	Name label maker
76 BUSBCD	HOME business bookkeeping system
77 TIMECLCK	Computes weeks total hours from timeclock info.
78 ACCTPAY	In memory accounts payable system-storage permitted
79 INVOICE	Generate invoice on screen and print on printer
80 INVENT2	In memory inventory control system
81 TELDIR	Computerized telephone directory
82 TIMUSAN	Time use analysis
83 ASSIGN	Use of assignment algorithm for optimal job assign.
84 ACCTREC	In memory accounts receivable system-storage ok
85 TERMSPAY	Compares 3 methods of repayment of loans
86 PAYNET	Computes gross pay required for given net
87 SELLPR	Computes selling price for given after tax amount
88 ARBCOMP	Arbitrage computations
89 DEPRSF	Sinking fund depreciation
90 UPSZONE	Finds UPS zones from zip code
91 ENVELOPE	Types envelope including return address
92 AUTOEXP	Automobile expense analysis
93 INSFIL	Insurance policy file
94 PAYROLL2	In memory payroll system
95 DILANAL	Dilution analysis
96 LOANAFFD	Loan amount a borrower can afford
97 RENTPRCH	Purchase price for rental property
98 SALELEAS	Sale-leaseback analysis
99 RRCONVBD	Investor's rate of return on convertible bond
100 PORTVAL9	Stock market portfolio storage-valuation program

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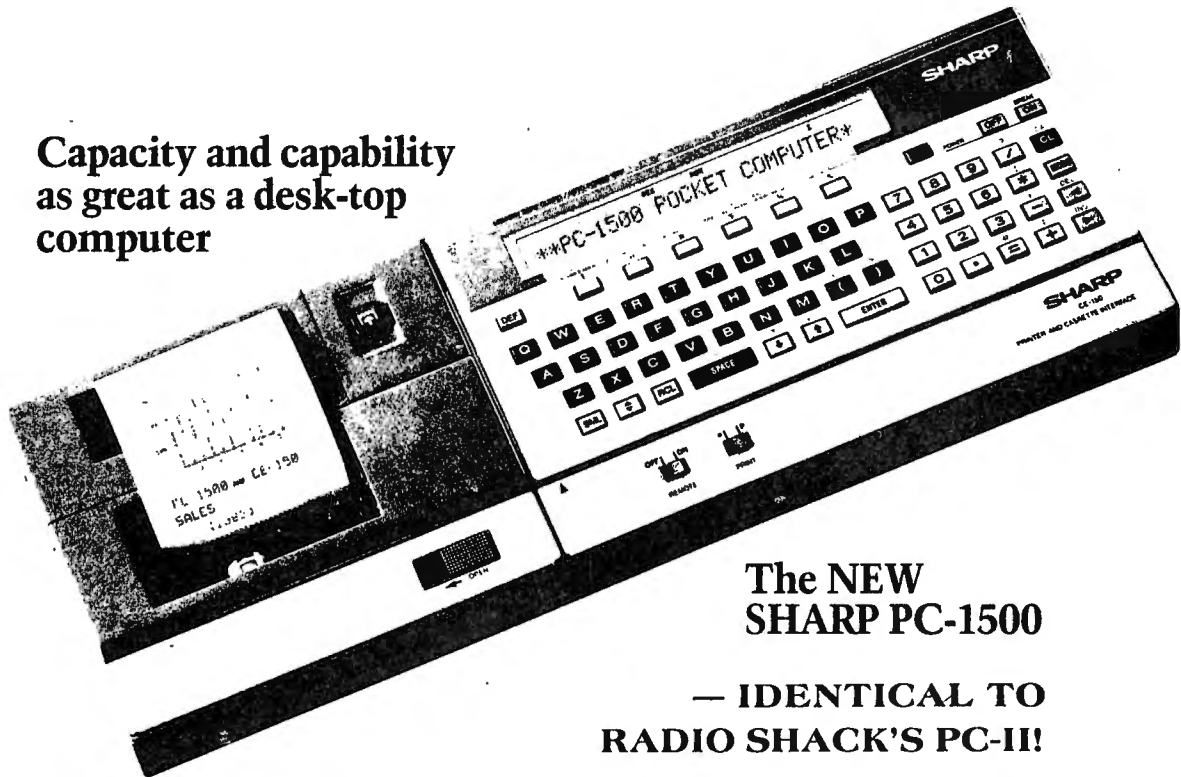
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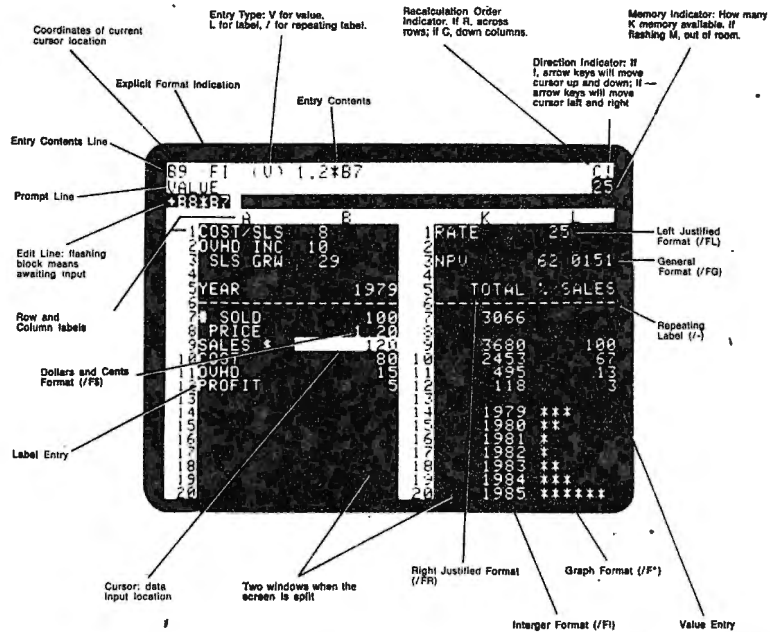
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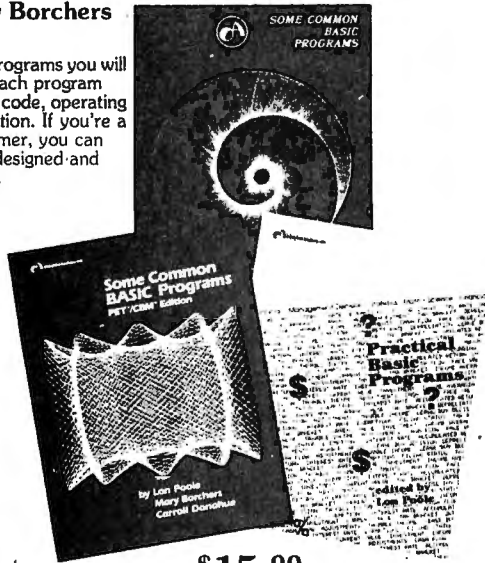
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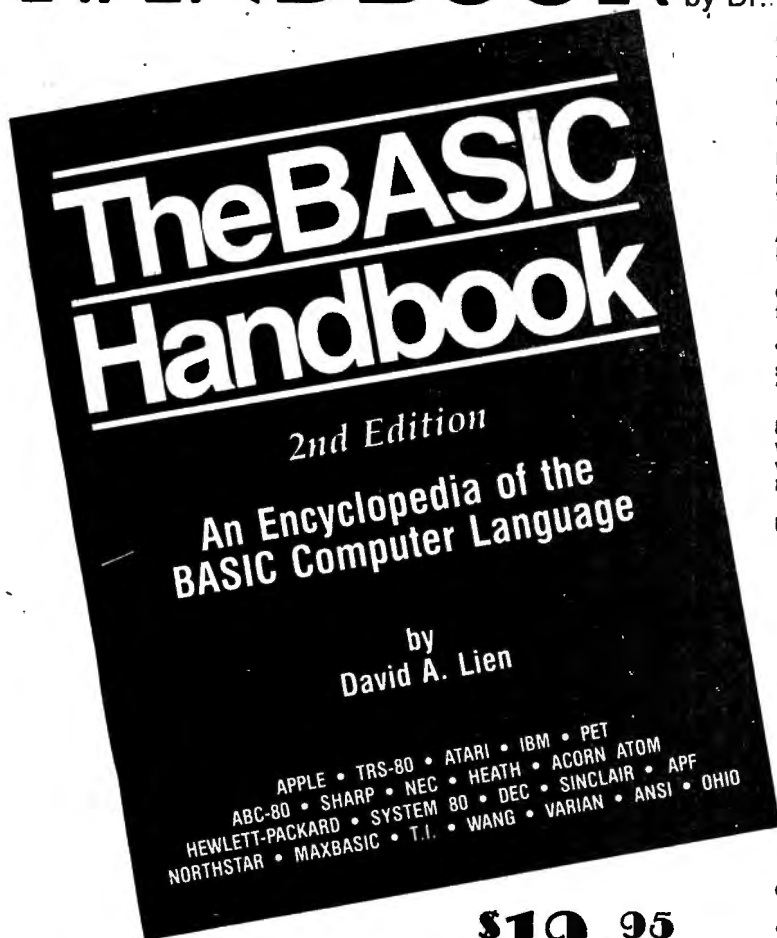
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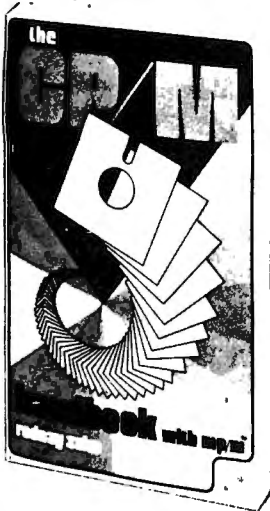
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With TRS-80™ BASIC Compiler, your Level II programs will run at record speeds! Compiled programs execute an average of 3-10 times faster than programs run under Level II. Make extensive use of integer operations, and get speeds 20-30 times faster than the interpreter.

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And you get more BASIC features to program with, since features of Microsoft's Version 5.0 BASIC interpreter are included in the package. Features like the WHILE..WEND statement, long variable names, variable length records, and the CALL statement make programming easier. An exclusive BASIC Compiler feature lets you call FOR-TRAN and machine language subroutines much more easily than in Level II.

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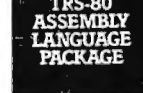
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GENERAL LEDGER

Processes

- ★ Flexible design allows system to be easily adapted to both small businesses and also to firms performing client writeup services.
- ★ Add, change or delete records within the Chart of Accounts (Master) File.
- ★ List the Chart of Accounts File.
- ★ Key in transactions into the Transactions (Journal Entries) File.
- ★ List the Transactions File.
- ★ If other Peachtree Software packages are present, pass summary transactions from these packages to the General Ledger at the end of the accounting period.
- ★ At the end of an accounting period, print out the major reports:
 - (1) Trial Balance (Detail Report)
 - (2) Transaction Registers
 - (3) Balance Sheet
 - (4) Prior Year Comparative Balance Sheet
 - (5) Income Statement
 - (6) Prior Year Comparative Income Statement
 - (7) Department Income Statements

File Information

There are two main computer files maintained within the General Ledger System.

- (1) The of Accounts File
 - Account Number
 - Description
 - Account Type
 - Balance Sheet Column Code
 - Current Amount
 - Year-To-Date Amount
 - Budget Amount
 - Prior Year Monthly Amounts
- (2) The Transactions File
 - Account Number
 - Description
 - Source Code
 - Reference
 - Date
 - Amount

ACCOUNTS RECEIVABLE

Processes

- ★ Add, change or delete records within the Customer File.
- ★ List the entire Customer File, or any Customer within the File.
- ★ Enter invoices, payments, credits and adjustments.
- ★ Prepare invoices and statements.
- ★ Produce the following reports:
 - (1) Aged Accounts Receivable
 - (2) Invoice Register
 - (3) Payment, Credit and Adjustment Register
 - (4) Customer Account Status Report
- ★ At the end of a month, post the following items to the General Ledger:
 - (1) Invoiced Sales
 - (2) Freight Charges
 - (3) Sales Tax
 - (4) Service Charge Income
 - (5) Cash Payments
 - (6) Discounts Allowed
 - (7) Returns/Credits
 - (8) Income Adjustments
 - (9) Accounts Receivable

File Information

There are three main computer files maintained within the Accounts Receivable System, the Customer File, the Invoice File, and the Transaction File.

CUSTOMER FILE

Customer Account Number
Customer Name
Address
Phone
Type of Account
Credit Terms
Credit Limit
Tax Rate
Discount Rate
Date of Last Credit
Date of Last Debit
Amount of Last Credit
Amount of Last Debit
Current Balance
High Balance
Year-To-Date Sales
Year-To-Date Payments
Automatic Billing Amount

INVOICE FILE

Invoice Number
Invoice Date
Invoice Amount
Credit Terms

TRANSACTION FILE

Transaction Type
Transaction Date
Transaction Amount

ACCOUNTS PAYABLE

Processes

- ★ Add, change or delete records within the Vendor File.
- ★ List the Vendor File.
- ★ Enter vouchers.
- ★ Automatically determine which vouchers to pay.
- ★ Print checks and a Check Register.
- ★ Produce the following reports:
 - (1) Open Voucher Report.
 - (2) Accounts Payable Ageing Report.
 - (3) Cash Requirements.
- ★ At the end of a month, prepare the General Ledger Transfer File, passing the following information for each debit or credit transaction:
 - (1) Account Number
 - (2) Description
 - (3) Source Code
 - (4) Date
 - (5) Amount

File Information

There are two main computer files maintained within the Accounts Payable System, the Vendor File and the Voucher File.

VENDOR FILE

Vendor Code
Vendor Name
Address
Phone
Year-To-Date Purchases
Year-To-Date Payments
Current Balance
Last Payment
Date of Last Payment
Monthly Entry Flag
Due Date of Month
Debit Account Number
Amount (Debit)
Month Last Paid

This file may also contain information to enable generation of automatic vouchers for those items such as rent or bank payments that are paid every month.

VOUCHER FILE

Voucher Code
Voucher Date
Amount Due
Date Due
Discount Percent
Discount Amount
Discount Date
Invoice Number
Invoice Date
Status

Plus up to six account number-amount fields for General Ledger account numbers to which the amount due is to be distributed.

PAYROLL

Processes

- ★ Add, change or delete records within the Employee File.
 - ★ List the Employee File.
 - ★ Modify the Tax Information Files.
 - ★ At the end of a pay period -
 - (1) Calculate Pay
 - (2) Print Checks
 - (3) Print Payroll Register
 - ★ At the end of a month -
 - (1) Print the monthly summary
 - (2) Print the Unemployment Tax Report
 - (3) Prepare the General Ledger Transfer File, passing the following information:
 - Net Pay (Cash)
 - Employee FICA Withheld
 - Federal Tax Withheld
 - Insurance Deductions
 - Miscellaneous Deductions
 - State Tax Withheld
 - Local Tax Withheld
- The gross pay for up to twenty payroll departments may also be passed to the General Ledger.
- ★ At the end of a quarter, print the 941A report information.
 - ★ At the end of a year, print the W-2 forms.

File Information

There are two main computer files maintained within the Payroll System, the Employee Master File and the Tax File.

EMPLOYEE MASTER FILE

Name
Address
Local Code
State Code
Marital Status
Exemptions, Federal
Exemptions, State
Social Security Number
Pay Period
Pay Type
Pay Rate
Insurance Deduction
Miscellaneous Deduction
Date Employed
Date Terminated
Last Check Information

Payroll (con't)

And current, month-to-date, quarter-to-date and year-to-date totals for:

Regular Earnings
Overtime Hours/Earnings
Other Hours Rate/Earnings
Commission Earnings
Miscellaneous Income
FICA Deductions
Federal Deductions
State Deductions
Local Deductions
Insurance Deductions
Miscellaneous Deductions

TAX FILE

(for single and married persons)
Federal Tax Information Tables
State Tax Information Tables
Local Withholding Tax Information Tables

INVENTORY SYSTEM

Inventory is probably the most speculative of all of a company's assets. A true measure of the effectiveness of management is the ability with which it supervises the inventory control function.

The Peachtree Software™ Inventory Management System is designed to (1) give you better merchandise control, (2) allow you to lower your dollar investment in inventory, and (3) improve customer service and response.

The System maintains detailed information on each inventory item including the part number, description, unit of measure, vendor and reorder data, item activity, and complete information on current item costs, pricing, and sales. Transactions effecting inventory (sales, receipts, adjustments) may be applied at any time to insure the inventory data is always up to date and accurate.

As with all Peachtree products, the system is interactive, simple to operate, and provides reports that are up to date and comprehensive.

Particular features of the Peachtree Software™ Inventory Management System include:

- Interactive, menu-driven programs
- Self-instructing user documentation
- Long item number - up to 15 characters
- Departmentalizing of items
- Multiple pricing levels
- Processes items on reserve (committed but still in stock)
- Online item query at any time
- Comprehensive management reporting
- Automatic month end file backup
- Recovery routines for hardware failures
- Sample data for demonstration and training

How the System is Designed

The Inventory Management System operates with an **Inventory Master File** which allows for the creation of each inventory item and for the recording of transactions (sales, receipts, returns, reserves, and adjustments) to each inventory item.

The Inventory Master File contains the item number, description and various other data on item costs, prices, reorder levels, vendor reference, and activity. The items within the Master File are entered, changed, deleted, and queried through the **Inventory Master File Maintenance** program. All data on all items may be listed by using the **Detail Inventory Report** program.

Transactions may be applied at any time to the Master File through the **Enter Inventory Transactions** program. An **Update Report** automatically prints during this entry process to provide an audit trail of all inventory activity.

Several reports are available for the maintaining of stock, analysis, and forecasting. These reports include the **Physical Inventory Worksheet**, **Inventory Price List**, **Departmental Summary Report**, **Inventory Status Report**, the **Reorder Report** and the **Period-to-Date** and **Year-to-Date** reports.

At the end of an accounting period (usually a month), and then again at the end of a year, the **End of Period Processing** program is run to update current balances and clear previous balances.

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FACTS ABOUT THE S.B.S.G. BUSINESS PACKAGES

1. **S.B.S.G.** is a sophisticated Business Software System designed for the serious businessman.
2. Each of the **S.B.S.G. Business Modules** may be purchased separately...or you may purchase the entire, coordinated business system.
3. Modules may be purchased separately to coordinate with the General Ledger.
4. The **S.B.S.G. System** works with most of the popular operating systems (and with double density disk drives).
5. Foolproof, Step-By-Step procedures are supplied, planned and documented for the **First-Time Computer User**. All programs are self-explanatory, telling the user what is required at every step.
6. Programs are written in **BASIC** and the source code listing is supplied for those users who decide to modify the original system.
7. A complete users manual is supplied with each module.
8. Demo Data diskettes are supplied with sample data.
9. **S.B.S.G.** has an In-House staff that can answer questions and problems related to the proper use of the **S.B.S.G. Business System** (on the telephone or through the mail).
10. **First-Time Computer Owners Note-Instructions** are provided for entering state payroll withholding tables. There is an additional charge if you prefer to have **S.B.S.G. Programmers** insert the correct data.
11. Minimum system requirement is 2-drives and 48K.
12. The **INVENTORY** and **INVOICING** modules are original programs written by **S.B.S.G.**
13. Each module can be purchased as independent modules to run on a 2 or more drive system except **INVOICING**.
14. **NEW 1982 VERSION** spans your disk drives for greater data storage capacity (allows additional storage capacity on 2, 3 and 4 drive systems).
15. Hard disk drive versions available at additional cost.

ACCOUNTS PAYABLE

The accounts payable system receives data concerning purchases from suppliers and produces checks in payment of outstanding invoices. In addition, it produces cash management reports. This system aids in tight financial control over all cash disbursements of the business. Several reports are available and supply information needed for the analysis of payments, expenses, purchases and cash requirements. All A/P data feeds General Ledger so that data is entered into the system just once. These programs were developed 5 years ago for the Wang micro-computer and have been tested in many environments since then. The package has been converted to the TRS-80™ and is now well documented, on-line, interactive micro-computer system with the capabilities of (or exceeding many larger systems).

CAPABILITIES:

- ★ menu driven; easy to use; full screen prompting and cursor control
- ★ invoice oriented; everything revolves around the invoice; handles new invoice or credit memo or debit memo
- ★ invoice information recorded; invoice #, description, buyer, check register #, invoice date, age date, amount of invoice, discount (in %), freight, tax (\$), total payable
- ★ transaction print and file maintenance procedures insure accuracy
- ★ flexible check calculation procedure; allows checks to be calculated for a set of vendors-or-for specific vendors
- ★ program prints your checks; contiguous computer checks with your company letterhead can be purchased from SBSG
- ★ reports include (samples on back):
 - open item listing/closed item listing - both detail and summary
 - debit memo listing/credit memo listing
 - aging
 - check register report (to give an audit trail of checks printed)
 - vendor listing and vendor activity (activity of the whole year)
- ★ fully linked to GENERAL LEDGER; each invoice can be distributed to as many as five (5) different GL accounts; system automatically posts to cash and A/P accounts

ACCOUNTS RECEIVABLE

The objective of a computerized A/R system is to prepare accurate and timely monthly statements to credit customers. Management can generate information required to control the amount of credit extended and the collection of money owed in order to maximize profitable credit sales while minimizing losses from bad debts. The programs composing this system were developed 5 years ago, especially for small businesses using the Wang Microcomputer. They have been tested in many environments since then. Each module can be used stand alone or can feed General Ledger for a fully integrated system.

CAPABILITIES:

- ★ menu driven; easy to use; full screen prompting and cursor control
- ★ invoice oriented; invoices can be entered before ready for billing, when ready for billing, after billing or after paid
- ★ allows entry of new invoice, credit memo, debit memo, or change/delete invoice
- ★ allows for progress payment
- ★ transaction information includes:
 - type of A/R transaction
 - customer P.O. #
 - description of P.O.
 - shipping/transportation charges
 - tax charges
 - payment
 - progress payment information
 - transaction print & file maintenance procedures insure accuracy
- ★ customer statements printed; computer statements with your company letterhead can be purchased from SBSG
- ★ reports include: (samples on back)
 - listing of invoices not yet billed
 - open items (unpaid invoices)
 - closed items (paid invoices)
 - aging
- ★ fully linked to General Ledger; will post to applicable accounts; debit A/R, credits account you specify

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PAYROLL

Payroll invoices many complex calculations and the production of reports and documents, many of which are required by government agencies. It is an ideal candidate for the computer. With this Payroll system in-house, you can promptly and accurately pay your employees and generate accurate documents/reports to management, employees, and appropriate government agencies concerning earnings, taxes, and other deductions. The package has been converted to the TRS-80™ and is now a well documented, on-line, interactive, micro-computer system with the capabilities of (or exceeding) many larger systems.

CAPABILITIES:

- ★ performs all necessary payroll tasks including:
 - file maintenance, pay data entry and verification
 - computation of pay and deduction amounts
 - printing of reports and checks
- ★ can handle salaried and hourly employees
- ★ employees can receive:
 - hourly or salary wage
 - vacation pay
 - holiday pay
 - piecework pay
 - overtime pay
- ★ employees can be paid using any combination of pay types (except, hourly cannot receive salary and salary cannot receive hourly)
- ★ special non-taxable or taxable lump sums can be paid regularly or one time (bonus, reimbursements, etc)
- ★ health and welfare deductions can be automatically calculated for each employee
- ★ earnings-to-date are accumulated and added to permanent records; taxes are computed and deducted: US income tax, Social Security tax, state income tax, other deductions (regular or one time)
- ★ paychecks are printed; computer checks with your company letterhead can be purchased from SBSG
- ★ calculations are accumulated for: employee pay history, 941A report, W-2 report, insurance report, absentee report
- ★ fully linked to General Ledger. Each employee's payroll information can be distributed to as many as (12) twelve different GL accounts; system automatically posts to cash account

INVENTORY CONTROL/INVOICING

- ★ ISAM (Indexed Sequential Access Method) eliminates the necessity for time consuming sort.
- ★ Pre-Allocated Files for IMMEDIATE update and inquiry capabilities.
- ★ Fast Disk storage and retrieval.
- ★ Inventory Master Record includes...class...SKU...Division...Retail...Cost...Beginning Balance...Period Sale Units...Period Receipts...On Order...On Hand...Minimum Reorder Point...Recommended Reorder Amount...Vendor Number...Period Sale Dollars...YTD Sale Units...YTD Sale Dollars.
- ★ Calculated and Displayed Formulas include...Gross Margin (\$)...Gross Margin (%)...Gross Margin ROI (%)...Average Inventory Retail (\$)...Average Inventory Cost (\$)...Turn-Over (%).
- ★ Reports Generated include...Master File Listing...Class Description Listing...Transaction Audit Trail...Minimum Reorder Point by Vendor...Retail Price List...Retail & Cost Price List...Period Sales Report...Year to Date Sales Report...Stock Status (Screen or printer output)...Commission Report (for salesmen and buyers).
- ★ Transaction Types include...Sales, Vendor Receipts...Vendor Orders...Customer Returns...Vendor Returns...Transfer Stock.

GENERAL LEDGER

The General Ledger accounting system consolidates financial data from other accounting subsystems (A/R, A/P, Payroll, direct posting) in an accurate and timely manner. Major reports include the Income Statement and Balance Sheet and a "special" report designed by management. The beauty of this General Ledger system is that it is completely user formatted. You "customize" the account numbers, descriptions, and report formats to suit particular business requirements. These programs were developed 5 years ago for the Wang micro-computer and have been tested in many environments since then. The package has been converted to the TRS-80™ and is now a well documented, on-line, interactive micro-computer system with the capabilities of (or exceeding) many larger systems.

CAPABILITIES:

- ★ more than 200 chart of accounts can be handled
- ★ account number structure is user defined and controlled
- ★ more than 1,750 transactions may be entered via:
 - direct posting; done by hand; validated against the account file before acceptance
 - external posting; generated by A/R, A/P, Payroll or any other user source
- ★ data is maintained and reported by:
 - month
 - quarter
 - year
 - previous three quarters
- ★ reports (samples on back) include:
 - trial balances
 - income statement
 - balance sheet
 - special accounts reports and more.....
- ★ user formats reports with the following designated as you wish:
 - titles
 - headings
 - account numbers
 - descriptions
 - subtotals
 - totals
 - skip lines
 - skip pages
- ★ up to eight levels of totals - fully user designated
- ★ menu driven; easy to use; full screen prompting and cursor control

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ACCOUNTS PAYABLE	\$ 195.00	\$ 295.00	\$ 195.00
GENERAL LEDGER	\$ 195.00	\$ 295.00	\$ 195.00
PAYROLL	\$ 195.00	\$ 295.00	\$ 195.00
INVENTORY	\$ 195.00	\$ 295.00	\$ 195.00
INVOICING (REQUIRES ACCOUNTS RECEIVABLE)	\$ 195.00	\$ 295.00	\$ 195.00
COMPLETE COORDINATED BUSINESS SYSTEM	\$1170.00	\$1770.00	\$1170.00
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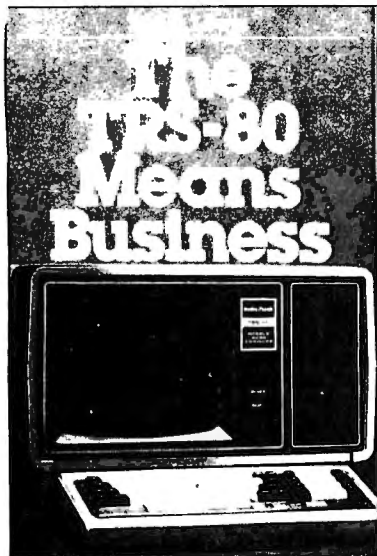
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MORE TRS-80™ BASIC

By Don Inman, Ramon Zamora, and Bob Albrecht

Here is an exciting new interactive programming guide to advanced functions. A sequel to the author's highly popular book, TRS-80 BASIC, MORE TRS-80 BASIC helps you build on your fundamental knowledge of Level II Basic with scores of practical applications that are both recreational and educational. It explains all TRS-80 Level II BASIC statements, commands, and features not covered in their previous best seller.

Along with an exploration of the PEEK and POKE functions, you'll get a clear demonstration of several different methods to display graphics, including little known "super graphics" techniques. Graphics become both fascinating and fun when you learn how to use TRS-80 string operations and functions like SET, POKE, and CHR\$ to animate characters, games, and drawings.

You'll explore vital concepts in information processing and master file handling techniques that apply to both cassette and disk files. You'll also discover many "universal" applications easily adaptable to specific problems.

MORE TRS-80 BASIC is one of the **Wiley Self-Teaching Guides**. It's been carefully written so that we're sure you can broaden your understanding of Level II BASIC and expand your programming ability in order to make full use of your computing equipment. And it's self-instructional—so you work at your own pace. Only a beginning background in Level II BASIC is needed.

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DATA FILE PROGRAMMING IN BASIC

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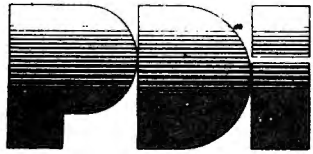
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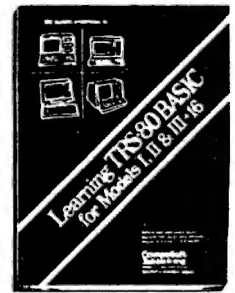
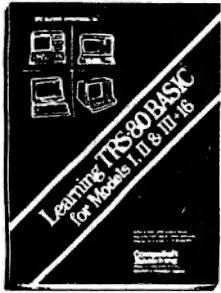
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LEARNING TRS-80 BASIC By David A. Lien

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By Hubert S. Howe, Jr.

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Hubert S. Howe, Jr., is an Associate Professor at Queens College of the City University of New York. He specializes in the subject of electronic music.

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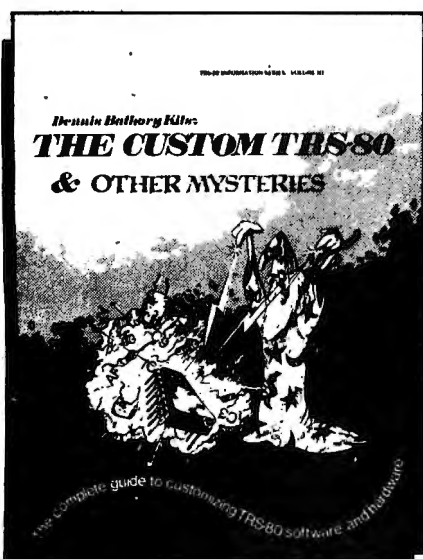
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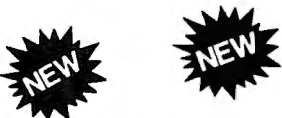
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Facts About Racet Computes Utility Programs

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- *** EACH UTILITY PROGRAM IS CALLED UP FROM BASIC USING THE SIMPLE BASIC COMMANDS PROVIDED
- *** EACH UTILITY PROGRAM COMES WITH A RACET COMPUTES INSTRUCTION MANUAL
- *** EACH INSTRUCTION MANUAL INCLUDES SEVERAL EXAMPLES OF UTILITY USAGE
- *** EACH UTILITY ALLOWS THE USER TO PERFORM CERTAIN BASIC OPERATIONS TEN, TWENTY OR MORE TIMES FASTER THAN THE EQUIVALENT BASIC ROUTINE (FOR EXAMPLE, GSF CAN SORT AN ARRAY OF 1000 RANDOM NAMES INTO ALPHABETICAL ORDER IN UNDER 9 SECONDS!!)

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- PROVIDES THE BASIC PROGRAMMER THE ABILITY TO RAPIDLY INSERT OR ACCESS KEYED RECORDS IN ONE OR MORE DATA FILES
- RECORDS ARE MAINTAINED IN SORTED ORDER BY A SPECIFIED KEY
- RECORDS MAY BE INSERTED OR RETRIEVED BY SUPPLYING THE KEY
- RECORDS MAY BE RETRIEVED SEQUENTIALLY IN SORTED ORDER
- RAPID ACCESS TO ANY FILE REGARDLESS OF THE NUMBER OF RECORDS
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- SZAP...PROVIDES THE CAPABILITY TO READ AND MODIFY ANY SECTOR ON A DISKETTE
- XHIT...CAN BE USED TO REPAIR A DISKETTE DIRECTORY
- DCS...DIRECTOR CATALOG SYSTEM IS A UTILITY FOR THE MANAGEMENT OF USER DISKETTES...SETS OF A MULTIPLE DISKETTE DIRECTORY FILE (WITH UP TO 1200 INDIVIDUAL FILE NAMES)...ALLOWS SELECTIVELY LISTED OR PRINTED LISTS OF DIRECTORY FILES IN COMBINED SORTED ORDER (FOR EXAMPLE, LISTED ALPHABETICALLY BY DISKETTE...OR A COMPOSITE ALPHABETICAL LIST OF ALL YOUR DISKETTES)
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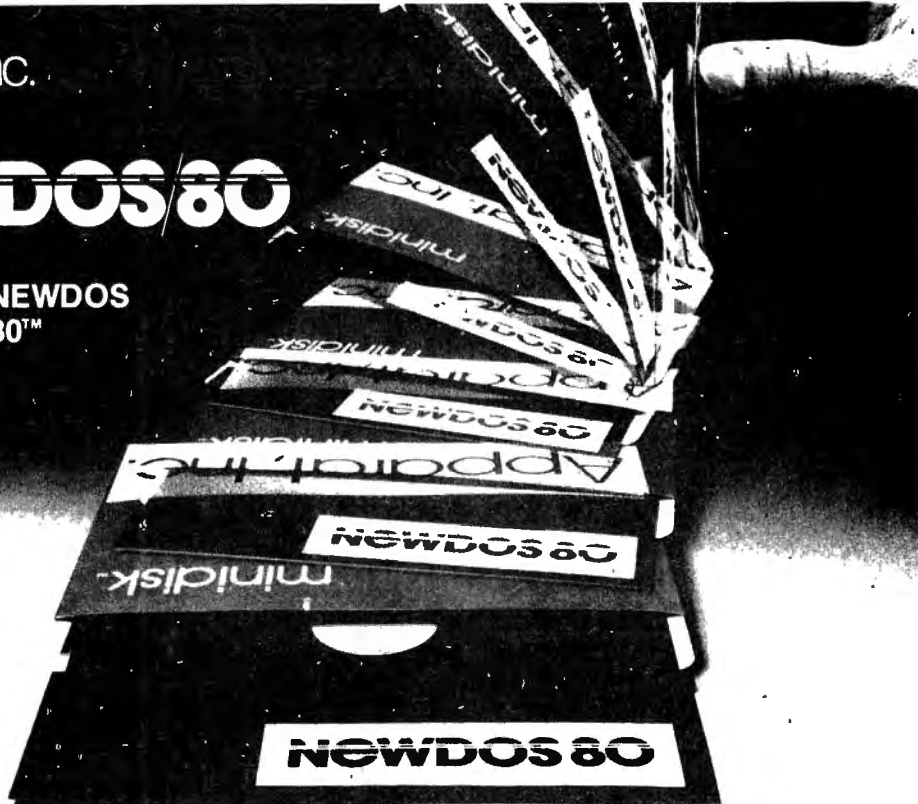
● ● EVERYTHING FOR YOUR TRS-80™ MODEL I or MODEL III ● ●

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Apparat, Inc.
introduces

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For the 80's—
an enhanced NEWDOS
for your TRS-80™



Apparat, Inc., announces the most powerful Disk Operating System for the TRS-80™. It has been designed for the sophisticated user and professional programmer who demands the ultimate in disk operating systems.

DOUBLE DENSITY ON MODEL I

Use of the LNW DOUBLE or the PERCOM DOUBLER will expand storage 80% under NEWDOS/80 Version 2.0, mixing single and double density specifications without any patches.

SINGLE DENSITY ON MODEL III

Will allow the MODEL III to read disk from MODEL I and to write disks the MODEL I can read, making it easy to move programs between the two machines.

EXPANDED DIRECTORIES

Directories can be expanded three times the normal number of available entries, even on DOS disks. This is extremely useful when using double density.

DYNAMICALLY MERGE IN BASIC

To allow sections of BASIC programs to be deleted and replaced with lines from a disk file during program execution. Also allows merging of non-ASCII format files.

SELECTIVE VARIABLE CLEARING

Allows the programmer to keep some variables and release the space used by the rest; also specific variables may be erased releasing the space they use.

PAGE SCROLLING IN BASIC

Scrolling has been modified to allow the user to display programs page by page, in addition to the regular line scrolling.

REPEAT FUNCTIONS

Keys in MODEL I repeat when held down. Entering "R" as a DOS command causes the previous DOS command to be repeated.

ROUTING FOR DEVICE HANDLING

To send input and output from one device (display, printer, keyboard, etc.) to others or to a routine in main memory.

DISASSEMBLER OUTPUT TO DISK

The Disassembler will now write a source code file to disk, which the editor assembler can read and edit.

CHAINING ENHANCEMENTS

Features to allow chain files to be written from SCRIPSIT; also chaining may be switched on and off without changing chain file positioning, and may be executed via CMD "xxx" and DOS-CALL.

SUPERZAP

Has the ability to scan diskettes or disk files to find the occurrences of specific values. Also will generate disk file passwords and hashcode.

FAST SORT ROUTINE

Basic function CMD "O" provides direct or indirect in-memory sort of multiple arrays.

MERGING OF NON-ASCII BASIC PROGRAMS

BASIC SINGLE STEPPING

- New BASIC commands that supports files with variable record lengths up to 4095 Bytes long.
- Mix or match disk drives. Supports any track count from 18 to 80. Use 35, 40 or 77 track 5" mini disks drives or 8" disk drives, or any combination.
- A security boot-up for BASIC or machine code application programs. User never sees "DOS READY" or "> READY" and is unable to "BREAK", clear screen, or issue any direct BASIC statement including "LIST."
- New editing commands that allow program lines to be deleted from one location and moved to another or to allow the duplication of a program line with the deletion of the original.
- Enhance and improved RENUMBER that allows relocation of subroutines.
- CDE function: simultaneous striking of the C, D and E keys will allow the user to enter a mini-DOS to perform some DOS commands without disturbing the resident program.
- Upward compatible with NEWDOS 2.1 and TRSDOS 2.3.
- Includes Superzap 3.0 and all Apparat 2.1 utilities.

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VERSION 3.4 MODEL I or MODEL III

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DOSPLUS! The flagship of the Micro-Systems line. This is the BEST disk operating system currently available. It offers you all the features you could ever use, speed, reliability, and much more! Full support of variable length records. No more internal errors during file handling due to poorly written operating systems. Allows use of ISAM technique. Supports 35-80 track drives. The two operating systems are basically the same. However, Dosplus 3.4D will operate double density. The double density DOS has some differences peculiar to double density operation. Both systems offer DOS commands from BASIC, BASIC renum, and BASIC program compressor. DOS utilities include a sector display/modify program, a utility to purge files, AND a utility to restore purged or killed files. Free space map and the most comprehensive directory on the market. Try it and you'll never use anything else. All this and much more for only \$149.95 either system.

THE ORIGINAL DOSPLUS CONTAINS ALL OF THE FOLLOWING FEATURES

- 1) Radio Shack compatibility
- 2) Error free variable length records
- 3) Full lower case detection and support
- 4) Repeating keyboard with NO keybounce EVER
- 5) Shift [0] typewriter keyboard option
- 6) Execute only protection feature for BASIC programs
- 7) Automatic track support for 35 through 80 track drives (mixed)
- 8) Device I/O handling with FORCE command
- 9) Supports high speed clock modification (up to 4.0mhz)
- 10) Supports mixed mode (single & double density) automatically
- 11) Allows disable-enable to break key
- 12) Allows user to define step rate per drive and re-configure system disk
- 13) Allows for efficient use of double-headed drives
- 14) Built in screen printer (shift [CLEAR] with [BREAK] key abort)
- 15) Multiple command chaining with "DO"
- 16) Built in memory test with CLEAR command
- 17) New printer driver which allows complete forms control and paging
- 18) Automatic serial printer driver with optional auto llinefeed
- 19) Execute any DOS command from BASIC and return to BASIC
- 20) Free space map of diskette with optional output to printer
- 21) Copy with variable length files
- 22) Complete RS232 control from keyboard with status check
- 23) Create and pre-allocate files from DOS
- 24) Display current date and time from DOS
- 25) More information from Directory with optional printer output
- 26) Enter DEBUG with shift [BREAK] to allow use of [BREAK] from BASIC
- 27) New DISKDUMP/CMD sector display/modify program (works with filespecs)
- 28) New DISKZAP/CMD single/double density disk editor
- 29) New BACKUP (more reliable, no more pack ID check)
- 30) New FORMAT (more reliable, no need to bulk erase disk first)
- 31) New MAP utility (maps out disk, showing where files are located)

PLUS

** 7 MORE UTILITIES **

- 1) Single drive copy
- 2) Restore (dead files)
- 3) Purge (unwanted files)
- 4) Clearfile (destroys data by writing zeros to file)
- 5) Transfer (moves all user files from one disk to another)
- 6) Spooler (allows printing of text while freeing up the CPU)
- 7) Crunch (Basic program compressor)

NOW

DOSPLUS 3.4 ADDS THESE NEW ADDITIONAL FEATURES

1. BASIC array sort - multi key, multi array
2. Tape/Disk - Disk/Tape utility (with relocater)
3. Input@ (controlled screen input)
4. Random access and ASCII modification on Diskdump
5. BASIC checks for active 'DO'
6. Backup and Format from a 'DO' file
7. Much improved Backup (More reliable)
8. I/O package much faster (disk access time reduced)
9. Repeat last DOS command with '/' ENTER
10. Short directory (file name and extension) available
11. Short directory of Model III TRSDOS disks
12. Single file convert from Model III TRSDOS
13. COMPLETE device routing supported (DOS and BASIC)
14. Ability to save BASIC programs directly to another machines' memory (if equipped with Dosplus 3.4)
 - Plus many more improvements
 - Includes the new expanded easy to read 200 + page users guide
 - Also includes the new DOSPLUS Z80 disk basic VER 1.6

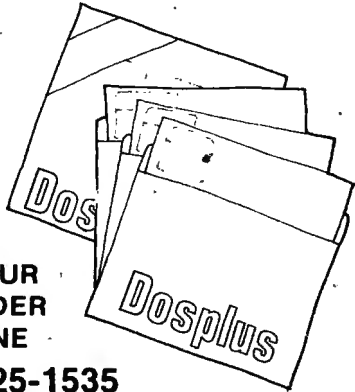
PLUS New DOSPLUS Z80 Extended Disk BASIC

- 1) Faster loads and saves
- 2) BASIC Reference utility (lines, variables, keywords, printer option)
- 3) BASIC Renumber utility (renumber section of text, block text move)
- 4) Shorthand features for almost ANY direct command (LOAD, SAVE, etc.)
- 5) Shorthand features for editing (listing and editing with single key)
- 6) CMD "M" instantly displays currently set variables
- 7) Global search and replace in BASIC text
- 8) Line printer TAB to 255
- 9) OPEN "E" to end of sequential file (for output)
- 10) DI (delete and insert text line)
- 11) DU (duplicate text line)
- 12) "R" & "V" options after LOAD and RUN (files open & save variable)
- 13) OPEN "D" allowed (Model II compatible) equal to OPEN "R"
- 14) DOS commands from BASIC
- 15) Automatic, error-free variable length records
- 16) Single step execution with TRON (fabulous for debugging)
- 17) CRUNCH (BASIC program compressor)
- 18) New TBASIC (tiny BASIC) offers full BASIC commands
- 19) TBASIC and DOSPLUS together only use BK of RAM (40K left in 48K TRS-80)

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- * All available drive stepping rates are supported.
- * Hard Drive support, can be **HANDLED AS A SINGLE DRIVE**.
- * Hard drive partitioning, one drive can act as up to six.
- * Intermix 5", 8" and Hard drives, up to a total of 8 drives.
- * Compatible with the Model I Radio Shack Expansion Interface.
- * Upward compatible with **TRSDOS** (2.3 & 1.3 as documented).
- * Fully supports Microsoft language products for **TRS-80**.
- * Complete media compatibility Model I to Model III and back.
- * Full support for **LOBO's LX-80** interface.
- * Full support for **AEROCOMP'S** double density controller (DDC).
- * Full support for **PERCOM's DOUBLER II**.
- * Complete documentation (well over 250 pages).
- * Complete technical information.
- * A **TOLL-FREE** 800 number for customer service.
- * An **LDOS** users bulletin board on MicroNET.
- * A Quarterly **LDOS** users magazine (The **LDOS QUARTERLY**).
- * A liberal update policy.
- * An enhanced **BASIC (LBASIC)** including:
 - > Upward compatible with Microsoft Basic.
 - > High speed **LOAD** and **SAVE**.
 - > Run multiple programs with common variables.
 - > **BLOCKED** (variable length) files are supported.
 - > **DOS** commands may be executed from **LBASIC**.
 - > Built in string array. **SORT**.
 - > Single stepper for debugging.
 - > Several new statements and file modes.

- * A compiled **JOB CONTROL LANGUAGE (JCL)**.
- * **CONVERT** utility to move files from Model III **TRSDOS**.
- * An Extended Debugging and Monitor program (with disk access).
- * **CMDFILE** for movement of disk and/or tape system (/CMD) files.
- * Device independent operation.
- * Full **LINKing**, **ROUTEing**, **FILTERing** and **SETting** are supported.
- * **MiniDOS** feature for constant access to certain **DOS** commands.
- * **RS-232 DRIVER** for serial support.
- * Sophisticated communications software included.
- * Wildcard characters and partial Filespecs are supported.
- * **DATED FILES**, show when a file was last written to.
- * Backup: Mirror, by Class, if Modified, by Date, by Extension, etc.
- * Selectable **PURGE** for fast disk "cleanup" of unwanted files.
- * Print formatter, for control of printer output.
- * Built in printer **SPOOLER**, to both disk and ram.
- * Joblog to record all system operations with time stamps.
- * **UPPER** and **lower** case support, throughout the system.
- * Blinking cursor with selectable cursor character.
- * 128 character **TYPE AHEAD** buffering for keyboard input.
- * Assign strings to individual keys with **Key Stroke Multiply (KSM)**.
- * **SUPER FAST** operation with the **SYSRES** feature.
- * Extensive user control and system feedback.
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- * Dealers to serve users Nationwide and in the Common Market.
- * The only **DOS** with a limited **ONE YEAR WARRANTY!**
- * Enjoy a professional operating system on **YOUR TRS-80!**

* Specific hardware is required to use these features.

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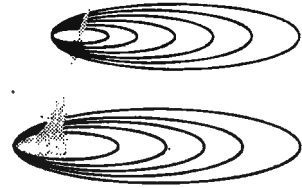


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MAIL/FILE SERIES II



GALACTIC SOFTWARE LTD.

TRS-80™ MODELS I, II and III

The Mail/File Series II System is designed to meet all the requirements of a Mailing List data base manager. No effort has been spared to provide for maximum operator ease, while retaining overall system flexibility. Each Mail/File Series II System is fully supported by Galactic Software. It is without a doubt the most versatile package of its kind.

Mail/File Series II is designed to run on the TRSDOS or LDOS operating system.

1. Maximum capacities are as follows:

Model I	600 Names Per File
Model III	1200 Names Per File
Model II	2500 Names Per File

2. Nine data fields plus Mail/File System Control Number are provided.

#0 Control #	4 Characters
#1 Name #1 (or company name)	27 Characters
#2 Name #2 (or individual).	27 Characters
#3 Address	27 Characters
#4 City	15 Characters
#5 State	3 Characters
#6 Zip Code	11 Characters
#7 Telephone Number	14 Characters
#8 Telephone Extension	4 Characters
#9 Code	6 Characters

3. All records are sorted Alphabetically and by Zip Code. Alphabetic sort is by a combination of Name #1 plus Name #2.

4. Each entry is sorted into the system when entered. An assembler module allows for quick sorting, with an average wait of about 5 seconds per added item. Deletions are performed within 5 seconds, no matter how many items are in the list.

5. The Mail/File System provides for an 11 digit alpha/numeric Zip Code, allowing the system to handle both foreign and domestic Zip Codes.

6. Complete record maintenance is supported. Editing of any data field, including sorted fields, is allowed.

7. Records can be accessed in Alphabetic, Zip Code, or Control Number order. Control Number access is immediate, while access in Alphabetic or Zip Code order is always less than 10 seconds, even when operating at maximum capacity.

8. To provide for literally thousands of sublists, additional access criteria may be specified as follows:

- And data field other than Name #1, Zip Code, or Code may be used as an inclusion criteria.
- Up to 19 different whole or partial Codes may be used as inclusion criteria.

9. The Mail/File System supports standard 3-line and 4-line labels, with provisions for a user entered message line. Labels may be printed in single or multiple across formats. Zip Code changes may be identified during label printing and directory printing if required. The total number of items printed is always included during any printout operation.

10. The Mail/File System supports Directory printouts of 80 or 132 columns. The 132 column directory supports up to 199 lines per page, and includes full heading and page numbering. Control number is included in both types of directory listings to allow access by Control Number for purposes of editing.

11. The Mail/File System also allows printouts to be structured in a unique User Defined format with up to 16 format lines per data record, providing the exact type of output required by the user.

12. "Word Processor" type input editor allows for transparent cursor positioning, type over, and character insertion and deletion.

13. User may request a printout of items as they are added to the file.

14. A unique "Totalling" option allows the counting of items meeting user specified criteria.

15. Extensive error trapping has been employed to insure the integrity of the Mail/File System and to help eliminate operator error.

16. All data records created by Mail/File are upward compatible with all of Galactic's Mailing List programs.

17. Full Support is provided by Galactic Software for this and all its products. You may contact Galactic Software directly for full, professional assistance at any time.

MODEL I	\$159.00
MODEL II	\$199.00
MODEL III	\$159.00

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Manager**

JUST CHECK SOME OF THESE FEATURES

- Supports six different relational search techniques.
- Comes with programmer's interface.
- Over 93 pages of documentation.
- Supports up to 20 user defined fields of 40 characters each.
- Record length up to 800 characters.
- Files can be up to four disks in length.
- Compatible 35, 40, 77 & 80 track drives.
- Has calculated equation fields.
- Complete report generator.
- Data can be merged into letters.



MAXI MANAGER for TRS-80 Models 1 & 3
Requires 48K of RAM and 1 Disk Drive Minimum.

- \$99.95**
- NOTE 1: File size is dependant on memory size.
NOTE 2: Sequential files only.
NOTE 3: User must apply own driver routine.
NOTE 4: Hard copy print out only
NOTE 5: Four functions (+ - * /) only
NOTE 6: Same as note 4 with a maximum of two calculated fields.
NOTE 7: Available as a separate program for \$99.95.
NOTE 8: 120 character maximum.
NOTE 9: Data structures defined in manual.
NOTE 10: 132 characters maximum.
NOTE 11: User option (files can be read from ascending or descending order).

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**DATA MANAGEMENT
PROGRAM
COMPARISON CHART**

FILE CAPACITY & FORMAT

	CCA DATA MANAGER	AIDS III with CALLS	MAXI MANAGER	PADEX 10	PROFILE
Maximum # of disks per file	1	1	4	31	4
Maximum # of records per file	2450	Note 1	32,767	10,199	65,535
Maximum record length	249	254	800	255	255
Maximum # of characters per field	249	254	40	254	255
Maximum # of fields	24	20	20	127	153
Maximum # of characters per field label	15	10	19	12	765
Variable length records (pack sectors)	No	Note 2	Yes	No	No

FIELD TYPES

	CCA DATA MANAGER	AIDS III with CALLS	MAXI MANAGER	PADEX 10	PROFILE
Alphanumeric	Yes	Yes	Yes	Yes	Yes
Numeric	Yes	Yes	Yes	Yes	No
Fixed decimal numeric	Note 4	Yes	Yes	No	No
Date (MM/DD/YY)	Yes	No	Yes	No	No
Extended date (MM/DD/YYYY)	No	No	Yes	No	No
Calculated equation	Note 5	Note 6	Yes	No	No
Permanent fields	Yes	No	No	No	No

SORTING

	CCA DATA MANAGER	AIDS III with CALLS	MAXI MANAGER	PADEX 10	PROFILE
Machine language assisted	No	Yes	Yes	Note 7	Yes
Sort by any field	Yes	Yes	Yes		Yes
Number of Sort Key files	1	1	5		1
Numeric sort	Yes	Yes	Yes		No
Ascending sort	Yes	Yes	Yes		Yes
Descending sort	Yes	Yes	Note 11		Yes
Sort within a selected range	No	No	Yes		No
Sort multiple fields simultaneously	Yes	Yes	No		No

FILE MAINTENANCE

	CCA DATA MANAGER	AIDS III with CALLS	MAXI MANAGER	PADEX 10	PROFILE
Fixed length input fields	Yes	Yes	Yes	Yes	Yes
Single key entry of common data	No	No	Yes	No	No
Single field EDIT selection	Yes	Yes	Yes	Yes	Yes
Skip record (next or previous)	Yes	Yes	Yes	No	Yes
Search & EDIT record	No	Yes	Yes	No	Yes
Search & DELETE record	No	Yes	Yes	No	No
Auto rejection of alphanumeric data in numeric field	Yes	No	Yes	No	No

RECORD SELECTION TECHNIQUES

	CCA DATA MANAGER	AIDS III with CALLS	MAXI MANAGER	PADEX 10	PROFILE
Record number	Yes	Yes	Yes	Yes	No
Binary search (high speed)	No	No	Yes	No	No
Maximum # of simultaneous keys	1	4	10	31	1

RELATIONAL COMPARISONS

	CCA DATA MANAGER	AIDS III with CALLS	MAXI MANAGER	PADEX 10	PROFILE
Equal	No	Yes	Yes	Yes	Yes
Not equal	No	Yes	Yes	No	Yes
Greater than	No	Yes	Yes	Yes	Yes
Less than	No	Yes	Yes	Yes	Yes
Instring	Yes	No	Yes	Yes	No
AND / OR	No	No	Yes	Yes	No
Wild card masking	No	No	Yes	No	No

PRINTING

	CCA DATA MANAGER	AIDS III with CALLS	MAXI MANAGER	PADEX 10	PROFILE
User specified page title	Note 8	Yes	Yes	No	Note 10
User specified column headings	No	No	Yes	No	Yes
Automatic page numbering	Yes	Yes	Yes	Yes	Yes
Right justification	No	Yes	Yes	No	No
User defined column widths	Yes	No	Yes	Yes	Yes
User defined column separators	No	No	Yes	No	No
Keyboard entered columnar values	No	No	Yes	No	No
Merge data into form letters	No	No	Yes	No	No
Form filling applications	No	No	Yes	No	No
Columnar totals	Yes	Yes	Yes	No	No
Columnar subtotals generated upon change in a specific field	Yes	Yes	Yes	No	No
Built in screen print	No	No	Yes	No	No

MISCELLANEOUS

	CCA DATA MANAGER	AIDS III with CALLS	MAXI MANAGER	PADEX 10	PROFILE
Cost	\$75.00	\$94.90	\$99.95	\$99.00	\$79.95
Punctuation allowed within data fields	Yes	?	Yes	Yes	Yes
Upper / Lower case	Note 3	Note 3	Yes	Note 3	Note 3
Built in RS-232-C driver	Note 3	Note 3	Yes	Note 3	Note 3
Built-in TRS-232 driver	Note 3	Note 3	Yes	Note 3	Note 3
Programmer's interface	Note 9	Note 9	Yes	No	Note 9
Sample DATA disk	No	No	Yes	No	No
Documentation (# of pages)	?	?	93	38	29

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MOD-II PROGRAMS

ALL SOFTWARE

LISTED HERE

WORKS WITH TRSDOS*

- (1) **ELECTRIC PENCIL** (Michael Shrayser Software)... Complete word processor with extensive editing and printer formatting features \$325 (STANDARD TRSDOS VERSION) \$350 (DIABLO, NEC OR QUME TRSDOS VERSION)
- (2) **GENERAL LEDGER, ACCOUNTS RECEIVABLE, ACCOUNTS PAYABLE, INVENTORY CONTROL, INVOICING AND PAYROLL** (Small Business Systems Group)...an extensive business system for the serious user...can be used one module at a time or as a coordinated system \$295 per module \$1299 for the complete system
- (3) **FASTBACK** (Racet Computes) ... A full disk backup in 55 seconds on systems with 2 or more disk drives...including verification. Can replace your existing TRSDOS 1.2 or 2.0 Backup Utility \$75.00
- (4) **MOD-II UTILITY PACKAGE** (Racet Computes) adds important utilities to TRSDOS... copy files selectively...faster and more accurate file copying...repair bad directories...displays sorted directory of all files on 1 to 4 disk drives SUPERZAP change disk ID...and more \$150
- (5) **ADVENTURE #1-#12** (Scott Adams - Adventure International), a series of games formally only available on the large computers... your goal is to work your way through a maze of obstacles in order to recover a secret treasure or complete a mission...the package includes all 12 Adventures written by Scott Adams \$129.95
- (6) **GSF** (Racet Computes) Generalized Subroutine Facility, a series of super fast machine language utilities that can be called from a BASIC program (no machine language knowledge required) sorts 1000 items in under 5 seconds...allows PEEK and POKE statements...move data blocks...compress and uncompress data...works under TRSDOS \$50
- (7) **DSM** (Racet Computes) Disk Sort Merge sorts and merges large multiple diskettes files on a 1 to 4 drive system...NOT AN IN MEMORY SORT...can actually alphabetize (or any other type of sort) 4 disk drives worth of data...sorts one complete disk of information in 10 minutes...information is provided to use DSM with the RS MAILING PROGRAM... works under TRSDOS \$150
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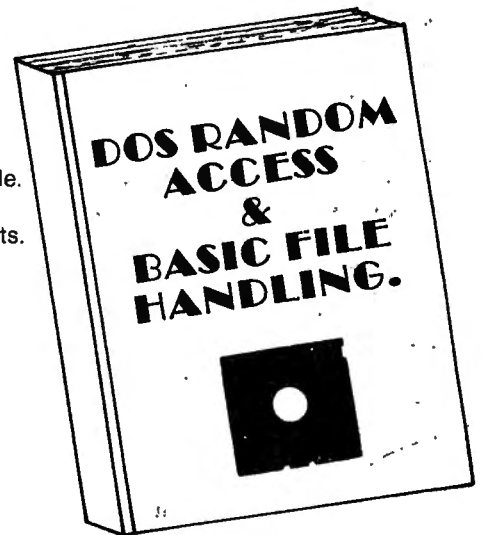
Written for the hobbyist who wants to go beyond the cassette recorder and into disk storage and file manipulation.

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INVADERS FROM SPACE

By Carl Miller

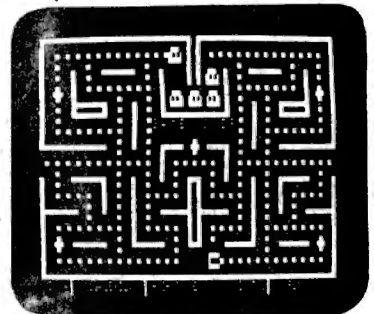
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With Sound.

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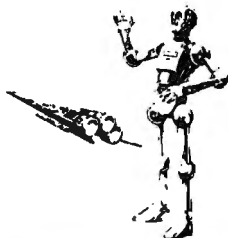
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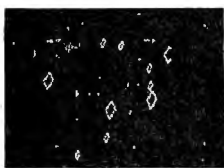
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ROBOT ATTACK®



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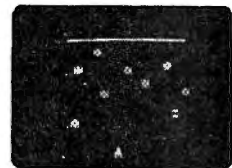
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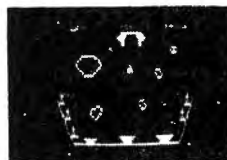


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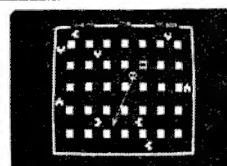
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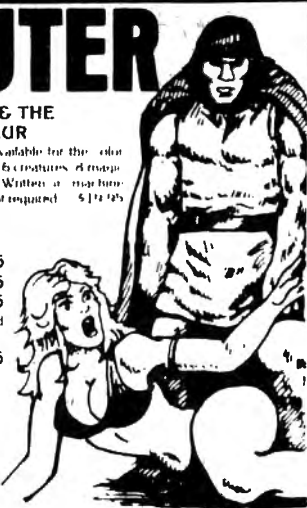
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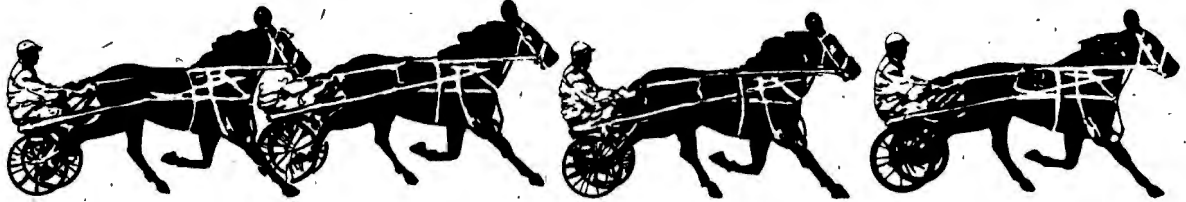


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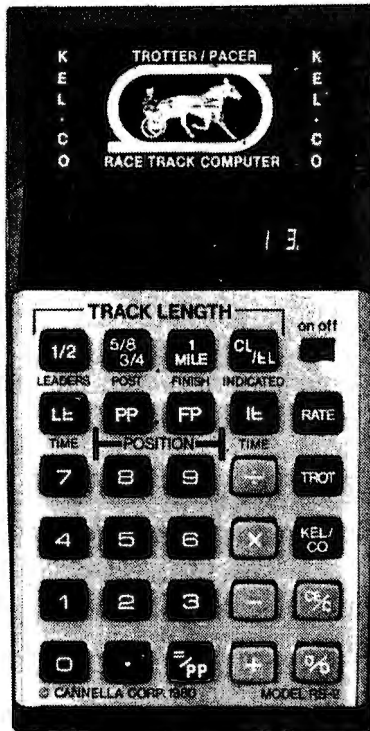
INTRODUCTION

The *Kel-Co Trot Computer* is a scientifically engineered special purpose computer designed to provide an accurate and rapid means for obtaining the Kel-Co ratings for harness race horses. These ratings, together with a few basic rules, provide a statistically proven handicapping method.

The unit has two modes of operation: the "computer mode" and a "calculator mode." The computer mode contains the programmed formulas for the Kel-Co Trot ratings using a special Texas Instrument microprocessor chip (TMS 1100/MP3490N-1). In the calculator mode the unit operates as a standard calculator.

The novice will find his lack of experience no problem. He need only know how to read the track program, and this information is found within each program. The instruction manual is complete, it tells what races to avoid, what horses to eliminate, how to rate the horses, and how to play the various types of wagers.

This computer is an outgrowth of the original Kel-Co Trot Calculator (Slide Rule) first marketed in 1969. Although based on the same general principles, it has undergone extensive refinements in theory. In addition, by its very nature, the electronic computer is much easier to use, more accurate, and much faster than the slide rule calculator.



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Cannella Corp. claims that strict adherents to the system will find themselves in the money about 70% of the time. **Money** magazine put it and a competitor through their paces and concluded, "There is no question that either Kel-Co or Racetrack II can help a lout like me (or even an experienced bettor) to invest more scientifically at the expense of poor suckers....."

H & E Computronics offers its full 30-day Money-Back Guarantee on the Trot Computer.

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THE COMPUTER GIVES YOU THE RATING

We have pre-programmed the Kel-Co Class Computer with the four different formulas accounting for purse distribution used by every racetrack in North America. To operate simply 1) enter the track category number where the horse has raced 2) enter the number of Wins, Places, Shows and Forths 3) depress the E/R button 4) enter the earnings and 5) push the E/R button. The computer instantly evaluates each horse's performance and displays the horse's **Kel-Co Established Class Rating**.

PRINCIPLE OF ESTABLISHED CLASS

The rating developed by the computer is based on the premise that thoroughbred class is best measured by the size of the purses that the horse has **successfully** competed for in the recent past. This rating is determined mathematically by the computer as a function of the horse's earnings and finish positions from past performance charts. In very basic terms, this would probably mean that a horse with only one win and \$5,000 in earnings would be likely to beat a horse with three wins and only \$8,000 earned.

The rating also indicates the purse size of the race in which the horse is likely to win if fit and ready. This means that a horse running in a race with a lower purse value than his rating represents a real "drop down" and a potentially strong bet. A horse with a lower rating than the purse value, however, is moving up in class and will seldom be a serious contender.



You'll Come Out A Winner

The Kel-Co Class Computer comes complete with battery, AC adaptor, operating instruction book and handicapping guide. And don't forget, the computer will also operate as a powerful 4-function calculator, complete with percent key and bright LED display.

DEVELOPED BY PROBABILITY EXPERT

The Kel-Co Class Computer is based upon the same principles as the Kel-Co Slide Rule, developed by Dr. A. Stuart Kelsey in 1969. Dr. Kelsey is a probability and statistical expert and was a member of the space research team which perfected the Lunar Excursion Module for the Apollo space program. Applying his expertise in probability studies, Dr. Kelsey created a system that made his Slide Rule the most widely used handicapping aid in North America. That same method is embodied in the Kel-Co Class Computer.

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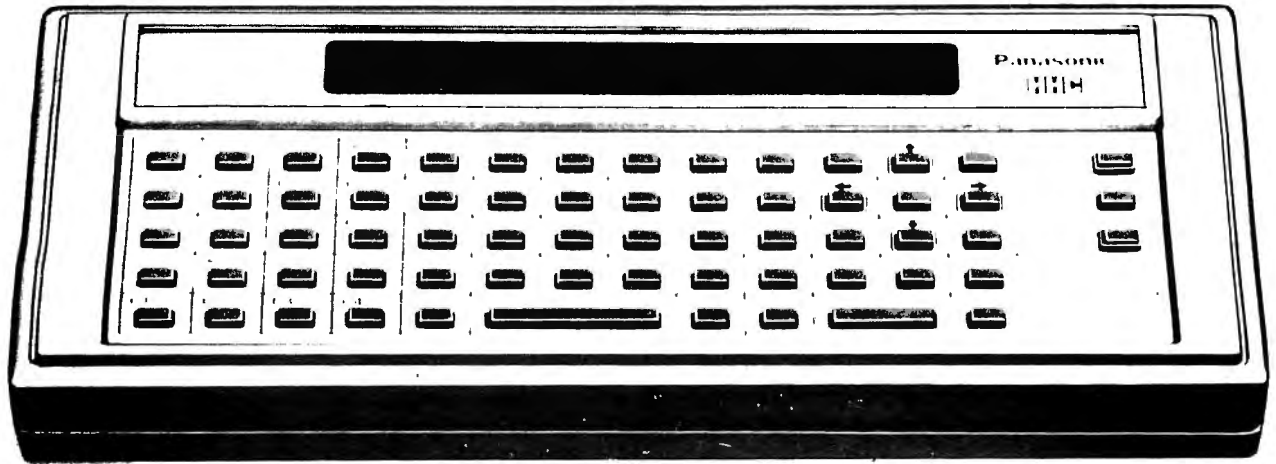
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VERSATILE — The modular peripherals allow you to customize the system for your specific needs. The Link can be anything you want it to be, from a pocket-size problem-solver for business and technical calculations to an attache-case computer terminal, sending order and billing data over phone lines to your company's computer, receiving credit and inventory data, and displaying text and graphic presentations on your customer's color TV.

POWERFUL — The Link Capsule System enables use in a wide variety of applications -- The Link capsules contain programs in 24-pin ROM (Read Only Memory) chips that can be easily changed by inserting them into one of The Link's three ROM slots. In addition, The Link is provided with 16K of internal ROM, up to 4K of internal RAM (Random Access Memory), and is expandable to a total of 52K of RAM and 64K of ROM.

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TV ADAPTOR — Connects The Link to any TV set, so that you can view up to 16 lines (by 32 characters) of data on screen, rather than viewing it a line at a time on The Link's LCD Display. An entire "page" of data can be received and displayed on screen. Also allows use of color graphics for impressive presentations of charts and diagrams -- perfect for conferences, demonstrations, and complicated information analysis.

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RS-232C SERIAL INTERFACE — Allows you to connect The Link directly to large-format printers, main frame computers, or any other devices that use the industry-standard RS-232C interface (Note: the RS-232C Capsule is necessary for operation of the RS-232C peripheral).

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PROGRAMMABLE MEMORY — Adds extra random-access memory (RAM) to The Link, greatly extending its internal storage capacity. Up to six memory modules may be added simultaneously, giving The Link a total RAM storage capacity of 52K bytes. Each module carries a memory protection back-up battery pack to keep your data safe.

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INPUT/OUTPUT ADAPTOR — Allows up to six peripherals of any kind to be connected to The Link's main unit (one via I/O cable).

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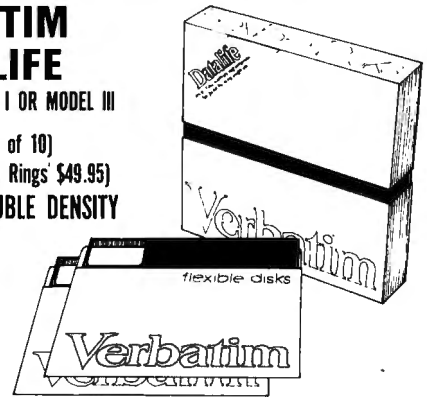
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