

Tandy

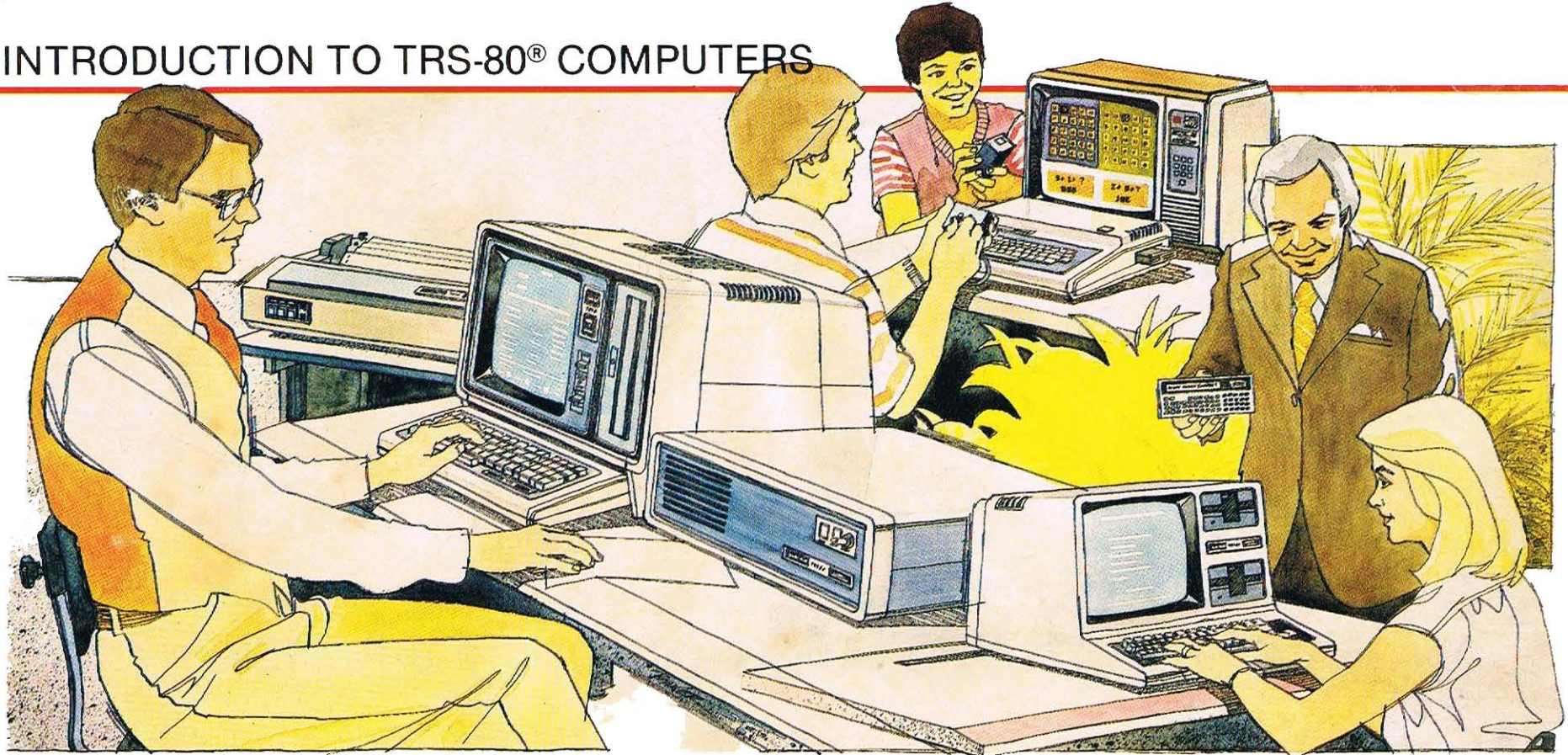
ELECTRONICS

Expanding the Horizons of Personal Productivity TRS-80 Microcomputers for 1982



RSC-6

INTRODUCTION TO TRS-80® COMPUTERS



THE "MICRO" REVOLUTION: TANDY MADE IT HAPPEN

Just what is a computer?

It's a tool for managing data. Working with numbers and alphanumeric data like names, words, addresses and stock numbers, a computer can be programmed to repeat the same function over and over. It evaluates information given to it, acts on its own findings, stores huge volumes of data for future use, reference and updating, and even "converses" with its operator.

What can a TRS-80 computer do?

TRS-80 computers can be used to do billing, bookkeeping, payroll, inventory control, mailing lists and data analysis. They can sort a mailing list by name, address or other criteria, spot slowing inventory items, or simply catalogue your stamp collection. They can become tutors, lab assistants, word proces-

sors or entertain with exciting games . . . virtually anything they are programmed to do.

TRS-80 is a breakthrough

Tandy Electronics designed and built the TRS-80s to offer these capabilities at an affordable price. And this year we feature four great computer systems offering more power-per-dollar than anything else available.

It's easy to use a TRS-80

TRS-80s are programmed from the keyboard, or depending on the model, from a pre-recorded cassette tape, a disk, or a plug-in Program Pak™. There are over 140 ready-to-use programmes in our library. And if you'd like to write your own programmes, TRS-80 BASIC is an easy-to-learn, plain English programming language included with all our computers.

Computers for Business

Demanding applications call for high speed and the capability of storing larger amounts of data. That's why we designed the TRS-80 Model II — it's "strictly business". Twice as fast as our original Model I system, this year it features optional disk storage of more than 30 million characters. With added software packages, Model II can even communicate with large mainframe computers.

TRS-80 expandability benefits you

You can enjoy the TRS-80 computer system you need right now, without having to pay for more computer than you need. Later, as your needs grow or change, you can add more capacity through accessories and expansion options.

TRS-80 also stands for top value

In 1978, TRS-80s started at \$699.00. Now you can buy a TRS-80 Model III — with more capabilities and features — for just \$999. The reason is simple: economies of scale and our own manufacturing facilities make every TRS-80 model a tremendous value.

What about support?

TRS-80 is the best supported microcomputer in the world! You can order TRS-80 equipment from over 8100 locations worldwide. In addition, we have 180 Tandy Computer Centres staffed with experts who will help you with sales, service, advice and even classroom training. Owners can also receive our Microcomputer Newsletter which is loaded with the latest information. Plus, you'll find more non-Tandy programmes and accessories for TRS-80 than any other micro available.

Our "Extended Service Plan" agreements

Over 160 company-operated repair centres world-wide maintain only our own TRS-80s. What's more, our "Extended Service" agreements offer priority response to service needs, protect against surprise repair bills, and protect you against inflation.

Our "Extended Service Agreement" is the most affordable. Simply drop your equipment off at your nearest Tandy Store. All parts and labour costs are covered. Our "Field Service Agreement" provides for On-Site service in many areas, during regular working hours. All parts, labour and travel expenses are covered. This agreement also provides for installation and scheduled preventative maintenance. Finally, our "Express Maintenance Agreement" provides for direct shipment to nominated service centre with fast turnaround

time and direct return shipment. All parts, labour and shipping costs are covered. For further details, contact your local Tandy Store or phone Tandy Contract Services on (02) 638 6633.

TRS-80 goes to school

More TRS-80 systems are used for educational assistance than any other computer. Tandy supports educators with teacher guides, course materials, and a full line of educational software. Our Educational Marketing Department, 280 Victoria Road, Rydalmere will be happy to quote on tenders from schools.

Choose Number One!

And go with the most popular computer in the world! We offer the broadest line of personal and small-business computers anywhere, for every use, need and budget. You can't go wrong with a TRS-80!

TRS-80 — THE WORLD'S MOST EXCITING LINE OF COMPUTERS AND COMPUTER ACCESSORIES

TRS-80 Color Computer

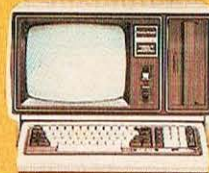
Pages 36-42



The "ideal" family computer with professional features. Offers colour and sound. Attaches to any TV set. Low cost . . . high computing power.

TRS-80 Model II Computer

Pages 24-35



Our best small-business computer, backed with low-cost business software — from accounting to word processing.

TRS-80 Printers

Pages 20-23



Tandy offers a variety of printers to fit every budget and every need — from fast line printers to graphics plotters.

TRS-80 Accessories

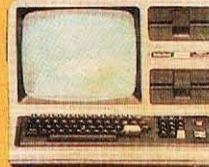
Pages 12-44



A complete line of accessories for all TRS-80 models is as close as your nearby Tandy Computer Centre, Store or participating Dealer.

TRS-80 Model III Computer

Pages 4-11



A completely self-contained desktop computer designed for both home and office use. Easily expandable, too.

TRS-80 Model I Computer

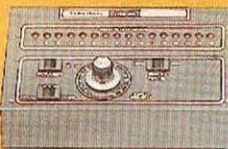
Pages 12-13



Ideal starting point in personal computing. Fully expandable, it may be applied to business with Tandy's wide range of ready-to-run software.

TRS-80 Educational Products

Pages 16-18



Tandy's Education Division is dedicated to providing complete professional support to learning institutions everywhere.

TRS-80 Pocket Computer

Pages 43-45



A true computer the size of a calculator — but far more powerful. It's the TRS-80 computer for people on the go!

Quantity Discounts

Software, Books and Accessories	6-11 of 1 item	12-49 of 1 item	50-499 of 1 item	500-Up of 1 item
	10%	15%	17%	20%

For discounts on diskettes and cassettes, see page 15. For quantity discounts on TRS-80 computers, write Director of Special Marketing, 267 Victoria Road, Rydalmere 2116.

TRS-80 MODEL III

THE AFFORDABLE "ALL IN ONE" PERSONAL COMPUTER

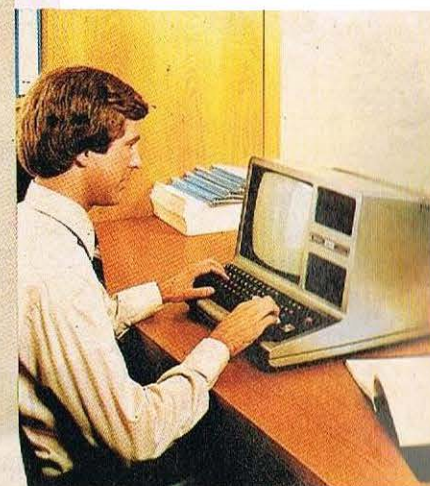
- Completely Self-Contained
- Built-In Printer Interface
- Compatible With Most Model I Programs
- High Resolution 12" Monitor
- 65-Key Keyboard With 12-Key Datapad
- Easy Internal Expansion Capability to Grow With Your Needs

999⁰⁰
4K Level I
BASIC

1399⁰⁰
16K Model III
BASIC

Tandy's TRS-80 Model III is the new standard in low-cost personal computer "starter systems". Many features that you'd expect to pay "extra" for are standard on the Model III. It's a beautiful, functional system that's designed to fill a wide range of needs. And with our beginner's manual it's the perfect way to learn how to write your own programmes.

Huge Software Library. Over 100 Tandy programmes and thousands of non-Tandy programmes are available for the Model III, making for a wide selection of applications. There are many personal programmes available, including entertainment, budget-keeping and stock port-folio analysis. Professionals can put Model III computing power on their desks for forecasting, engineering and word processing. And educators have discovered Model III to be a



Model III is the compact, easy-to-use desktop computer designed for work or play!

Expansion covers simulate disk drives in non-disk units

compact, inexpensive teaching aid, with a full line of courseware available. All you need to store and load programmes and data on inexpensive audio cassette tapes is an optional recorder and connecting cable.

Easily Expandable. Model III is hard to out-grow. You can start with our most affordable Model III, featuring the popular Level I "learner's" language and 4,000 characters (4K) of internal memory. Later you can expand to the very powerful MODEL III BASIC with 16K memory. There's room inside for up to 48K memory, an RS-232 interface board, plus one or two disk drives. Your local Tandy store, dealer or Computer Center can arrange for fast, easy installation of upgrade kits. Other options, like a digitizer, a printer, plotter, or a third and fourth disk drives (external) are ready to plug in anytime.

Model III, 4K RAM, LEVEL I BASIC.
269-1061 999.00
Model III, 16K RAM, Model III BASIC.
269-1062 1399.00

Specifications

Microprocessor: Advanced Z-80 8-bit processor Clock speed, 2.03 MHz.
Keyboard: Full-size "typewriter" style. 65-key integral keyboard includes 12-key numeric pad for data entry.
Video Display: Memory mapped with high-resolution 12" monitor. Includes 96 text characters, 64 graphics characters and 160 "special" characters. Screen format for Level I and Model III BASIC is 64 characters by 16 lines. Model III BASIC also provides 32 characters by 16 lines of upper and lower case characters plus repeating keys.
Memory: Includes 4K ROM (Level I) or 14K ROM (Model III BASIC). RAM expandable internally to 48K.
Input/Output: Computer-controlled cassette interface standard, 250 Baud for Level I, 500/1500 Baud selectable under Model III BASIC. Includes parallel printer interface and buffered Model III Bus. Provisions for adding 2 internal, plus 2 external double-density 5 1/4-inch disk drives and internal RS-232-C.
Power: Integral power supply; 240V 50Hz.
Dimensions: 31x48x55 cm



Model III Accessories

CTR-80A Cassette
Recorder

69⁹⁵

Ideal for loading and recording cassette programmes and data. Includes cable. AC operation or 4 "C" batteries (not included).

269-1206 69.95

Expansion Kits

Model III BASIC and 16K RAM Memory Kit.

269-1121 399.00*

16K RAM Memory Expansion Kit.

269-1102 59.95*

RS-232 Serial Communications Board.

(includes cable). 269-2248 139.95*

*Kit prices do not include price of installation.

Level I BASIC For Model III

Tandy TRS-80 Level I language is the easiest way for beginners to learn computer programming. It's a simplified version of the BASIC (Beginner's All-purpose Symbolic Instruction Code) programming language, and allows you to "talk" to the computer using simple English commands and statements. Even if you have no prior knowledge of computer operation or programming, the easy-to-understand 236-page manual (included) will have you programming the TRS-80 in no time. Level I includes most standard BASIC commands and features, a screen display of 16 lines of 64 upper-case characters, 48x128 video graphics, 250-baud cassette input/output rate, floating point arithmetic, 6-digit numeric accuracy, single dimension array, limited string variables, command abbreviations, and simplified error codes. Level I for Model III now includes printer commands LPRINT and LLIST. Level I is stored in 4K of Read-Only Memory so it's ready to use the instant you turn on your TRS-80 computer.

Model III BASIC

Get more features, accuracy and computing power with our Model III BASIC in 14K ROM. Execution time is 30% faster than Level I's — and it adds features like repeating keys, a screen format of 16 lines of either 32 or 64 upper and lower case characters — with automatic scrolling, and a screen print command. There's dual-speed (500 and 1500-baud) cassette operation. You get multidimension arrays, definable cursor, comprehensive string variable handling, automatic line numbering, extensive editing commands, TRACE, PEEK and POKE, call-up of machine language routines, initialization of the optional RS-232 port, scroll protect, 23 specific error codes and even a special graphics character set. There's 16-digit numeric accuracy (intrinsic functions remain at 6-digit accuracy). Compressed storage format for video display text. Program lines, logical lines, and string variables may be up to 255 characters long. Includes comprehensive reference manual and 340-page beginner's manual.



"Starter" System

1627⁹⁰

Here's an ideal computer system for the beginner. It's perfect for hundreds of uses — from education to learning computer programming to entertainment. We've teamed the 4K Level I Model III (269-1061) with the Line Printer VII (269-1167) and Printer Cable (269-1401) to provide a listing of your programmes, in addition to graphics output. Plus, the CTR-80A Cassette Recorder (269-1206) lets you store and retrieve your own written programmes, or you can use our prepared software. And this system will easily expand as your skill and needs grow.



"Engineer" System

2827⁹⁰

For technical applications, the 16K Model III (269-1062) with powerful Model III BASIC is for you. This system is easily programmed, and offers advanced math features you'll need to cut technical computations down to size. The TRS-80 Graphics Plotter/Printer (269-1190), and Printer Cable (269-1401) will list your programme or provide excellent high resolution diagrams, charts and graphs. Save your programmes and data on cassette tapes, then re-enter them using the CTR-80A Cassette Recorder (269-1206). Expand to disk storage at any time.

TRS-80 MODEL III DESK TOP BUSINESS COMPUTER

NOW WITH 48K MEMORY AT LAST YEAR'S LOW PRICE . . . STILL ONLY \$3299

Here is a complete business system (except for your choice of printers) — now with a full 48,000 character memory. It's the personal computer designed to increase the productivity of every manager. Everything — including two double-density disk drives with 306,000 characters of available disk storage, typewriter-style keyboard and 30.5 cm upper and lower case video display — is built into the contemporary-style one-piece cabinet. Also included are a 12-key datapad, repeating keys and printer port. Use the Model III to solve many business problems. Our VisiCalc™ planning programme allows fast and accurate “what if . . .?” projections. With Profile III Plus, Model III retrieves information and can

print reports the way you want them. Our SCRIPSIT™ programme and an optional printer turns Model III into a time and labour-saving word processing system. Or use Time Manager™ to schedule appointments, prioritize work activities, and remind you of items needing follow-up. The RS-232C Serial Communications Interface is built in — just add a modem and cable to allow your Model III to communicate with other computers over the phone lines. Add one or two more external disk drives (shown at right) any time. Comes with the Disk BASIC and TRSDOS Operating System disk, owner's manual and comprehensive programming manual.

269-1066 3299.00

Model III RS-232 Cable. 269-1408 29.95

Expand Your Model III With up to Four Disk Drives



Any Model III can easily be expanded with up to 4 drives for up to 656,000 bytes of on-line storage.

Each of the diskette's 40 tracks consists of eighteen 256-byte double-density sectors. The first Disk Drive includes a diskette containing our powerful TRSDOS and Disk BASIC. It allows about 131K of user storage space. Certain system information and a directory are required on each diskette, leaving 175,000 bytes available on each of the second, third and fourth drives. The system diskette containing TRSDOS and Disk BASIC must always be in your first drive unit.

Disk Drive Kit 1. Includes TRSDOS and Disk BASIC. (Requires installation.) 269-1162 999.00

Disk Drive Kit 2. (Requires installation)
269-1163 599.00

Disk Drive 3. (External) 16x9x37 cm
269-1164 699.00

Disk Drive 4. (External)
269-1161 679.00

Extra DOS Diskette. 269-312 19.95

The “Extras” are Built in!

The Model III Desktop Business Computer gives you all the features of our \$1399 16K Model III, plus a lot more:

- **48K of Random Access Memory**
- **Two Built-In Double-Density Disk Drives for 306K Storage Capacity**
- **Built-In RS-232C Serial Communications Interface**
- **Our Powerful TRSDOS Operating System**
- **Disk BASIC — An Expanded Model III BASIC Programming Language**
- **Disk System Owner's Manual**

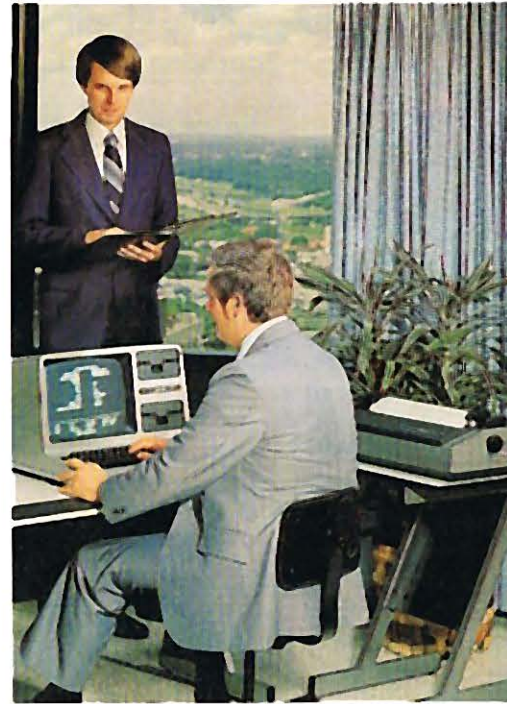


TRS-80 MODEL III COMPUTER SYSTEMS FOR EVERY NEED



Word Processing System 4397⁹⁰

Our SCRIPSIT™ software (269-1563) and Model III Desktop Business Computer (269-1066) team up to give you low-cost, full-feature word processing. Letters and documents can be composed on the video screen — making editing easy. Next, save the completed text on disk. Then print all the correction-free “originals” you need with the high-quality dot-matrix Line Printer VIII (269-1168) at 23 lines per minute. The Printer Cable (269-1401) is included. Typing will never be the same!



The Manager's System 5487⁸⁵

The Desktop Business Computer (269-1066), with our Line Printer VI (269-1166) and Printer Cable (269-1401), make a manager's dream! Add VisiCalc™ to speed your financial planning and modelling, Profile III Plus to create your personal electronic filing system, and even do drafts of correspondence and reports with our SCRIPSIT™ program. Includes System Desk (269-1305) and Universal Printer Stand (269-1308), forming an ideal system for any manager's business office. The greatest time saver and productivity multiplier available!

Model III Disk System Operating Software

TRSDOS™ Operating System

Model III Desktop Business Computers include TRSDOS to provide the input/output functions needed to operate the disks. TRSDOS lets you take advantage of the vast file storage space and faster access times you get with disks. Model III TRSDOS includes many important additions to our popular Model I TRSDOS and contains features from our Model II TRSDOS. These include:

- **HELP** — “On-line” assistance for command syntax
- **ERROR** — Provides meaning of error codes
- **DO Files** — Allows automatic execution of previously-stored commands
- **DUAL** — Automatic printing of screen display
- **TAPE** — Transfers machine language tapes to disk
- **FREE** — Visual display of disk space allocation
- **TIME/DATE** — Keeps track and displays
- **DEBUG** — Aid for debugging in-memory machine language programmes
- **UTILITIES** — Provides Copy, Backup, Patch and other “housekeeping” utilities

Disk BASIC

Disk BASIC provides a number of extensions to our ROM-based Model III BASIC, including many features for disk file access. Disk System Owner's Manual includes sample programmes and full explanations. Features of Disk BASIC include:

- **CMD Functions** — Examine Disk directory from Disk BASIC, protect programmes from BREAK key, perform printer status test, return error display, sort strings, cross reference string variables and reserved words, delete spaces and remarks and more
- **FILE Access** — Provides sequential or random access of files
- **Machine Language Options** — USR calls from BASIC to machine language routines
- **DEF FN** — Create your own functions for often-used routines
- **INSTR** — String search function for searching portions of a string
- **LINE INPUT** — Accept any keyboard character including commas and quote marks

INEXPENSIVE PROGRAMS FOR PERSONAL AND FAMILY USE

Exciting Computer Games — Educational and Entertaining

"Quick, Watson".

You play the role of super-sleuth Sherlock Holmes; find the culprit from the computer's clues.

(4K Level I, 16K Level II, Model III BASIC required)

269-1802 9.95

Haunted House. Solve the mysteries and get out alive. (4K Level I, 16K Level II or Model III BASIC req'd.) 269-1910 14.95

Microchess. Three levels of difficulty. For beginners or advanced players. (4K Level I — Model I only, 16K Level II or Model III BASIC req'd.) 269-1901 29.95

Formula One. Drive your own Formula One Racer to win. 269-7911 9.95

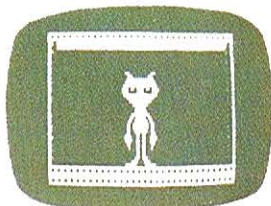
Bowling. All the excitement of Ten Pin Bowling one or two players. 269-7912 9.95

Dancing Demon. The "Demon" tap dances to "Ain't She Sweet" with computer accompaniment — or create your own music and dance routine! (Audio amplifier, 16K Level II or Model III BASIC req'd.) 269-1911 14.95

Micro Marquee. Create 1-inch high letters that move up your TRS-80 screen. 13 characters per line. Great attention-getter for home or business use. (4K Level I, 16K Level II or Model III BASIC req'd.) 269-1904 9.95

Micro Movie. Draw and playback animated "movies" on TRS-80 video screen. (4K Level I, 16K Level II or Model III BASIC req'd.) 269-1903 14.95

Micro Music. Compose music in a five octave range with sharps, flats, whole, half, quarter, eighth notes. (Audio amplifier, 4K Level I, 16K Level II or Model III BASIC req'd.) 269-1902 14.95



Space Warp. Fast action space adventure! Find and destroy aliens. (4K Level I, 16K Level II or Model III BASIC req'd.) 269-1912 24.95

Flying Saucers. Shoot 'em down in "real time" with your laser cannon. (4K Level I, 16K Level II or Model III BASIC req'd.) 269-1905 14.95

Invasion Force. Destroy the aliens before they destroy you! (16K Level II or Model III BASIC req'd.) 269-1906 24.95

Checkers 80. Competition "forced jump" game with two levels of skill. (16K Level II or Model III BASIC req'd.) 269-1907 14.95

"Eliza" Artificial Intelligence. Discuss your problems. (4K Level I, 16K Level II or Model III BASIC req'd.) 269-1908 24.95

Invaders. Save the earth from alien invaders 269-7913 9.95

Helicopter. Destroy the enemy before they get you (Mod I only) 269-7951 9.95

Gunfighter. A real Wild West shootout action and sound for two players. 269-7953 9.95

Mutant Attack. Shoot them down before they land. 269-7952 9.95

Paddle Pinball. Combines pinball field with fast paddle action. (Audio amplifier, 16K Level II or Model III BASIC req'd.) 269-1914 14.95

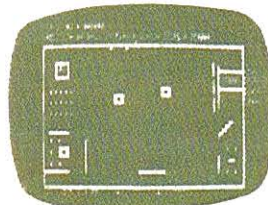
Pyramid. Explore the unknown passages. (16K Level II or Model III BASIC req'd.) 269-1909 24.95

Backgammon/Blackjack. Two old favourites at one low price. (4K Level I req'd) 269-1801 9.95

Astrology. Personal horoscopes. Produces chart with optional printer. (16K Level II or Model III BASIC req'd.) 269-1605 59.95

Raaku-Tu™. Challenging jungle adventure. (16K Level II or Model III BASIC req'd.) 269-1915 24.95

Casino Games I. Craps, Keno, Slot Machine,, Roulette, Wheel of Fortune, Baccarat. (16K Level II or Model III BASIC req'd.) 269-1806 29.95



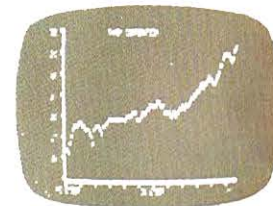
Personal Financial Programs

Cassette Portfolio.

Keep close tabs on your investments.

Includes transactions, summary, options, and index. Keeps records on 20 stocks, 10 bonds, 5 funds, and 10 options.

(16K Level II or Model III BASIC req'd.) 269-1506 39.95

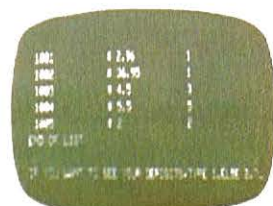


Trendex Stock Trend Analysis. Provides trend change indications for short, medium and long term periods based on formulas used by professionals. Maintains portfolio for stocks of your choice. Provides trend recognition aid, not investment counsel. (16K Level II or Model III BASIC, 32K 1-Disk req'd.) 269-1509 89.95

Budget Management.

Up to 60 accounts with 25 expenses, 20 savings transactions, 50 cheques per month. (16K Level II or Model III BASIC; or 32K, 2 Disk req'd.) 269-1603 29.95

Personal Finance. A complete personal accounting system that tracks and totals all of your income and expenses by expense accounts. Balance your chequebook, maintain a monthly budget. (4K Level I req'd.) 269-1602 27.95



READY-TO-RUN BUSINESS APPLICATIONS AND UTILITIES

Business Programmes



Cassette Mailing List. 80 names per data file with 16K. 250 names with 32K. (16K Level II or Model III BASIC req'd.) 269-150336.95

In-Memory Information. Computerized card filing system. (16K Level II or Model III BASIC req'd.) 269-150836.95

Real Estate I. Stepped income analysis, compound interest, internal rate of return, resale price. (16K Level II or Model III BASIC req'd.) 269-157159.95

Real Estate II. Mortgage analysis. (16K Level II or Model III BASIC) 269-157259.95

Real Estate III. Detailed property income calculations, appreciation/depreciation estimates. (16K Level II or Model III BASIC req'd.) 269-157359.95

Real Estate IV. Ellwood analysis, overall capitalization rate, graphic analysis, sensitivity analysis. (16K Level II or Model III BASIC req'd.) 269-157459.95

Surveying. Convert field measurements into final dimensions and coordinates. (16K Level II or Model III BASIC req'd.) 269-157779.95

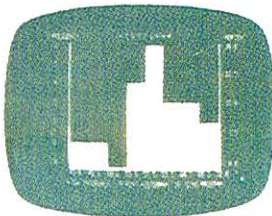
Prepare "Correction-Free" Letters and Other Documents

SCRIPSIT™ Word Processing. The cassette version of our popular word processing system! Compose and edit your text on the video display. Then use an optional printer to produce high-speed, correction-free documents. Save text on cassette for later revision or update. Includes centering, headings and "footers" and more! Lets you find or replace specified words, too. (16K Level II or Model III BASIC req'd.) 269-150599.95



Analyze Data and Forecast Trends

Advanced Statistical Analysis. This user-oriented data analysis system is ideally suited for applications in business, education, administration. Programmes for tape and disk data files, random sample, descriptive statistics, histogram, frequency distribution, analysis of variance, T-test for matched pairs, correlation and linear regression, multiple linear regression, time series analysis, and Chi square analysis. (16K Level II or Model III BASIC, or 32K, 2 Disk req'd.) 269-170569.95



Especially for Programmers

Model III BASIC Instruction Tapes. Here's the perfect introduction to programming with TRS-80 Model III BASIC. Includes many helpful quizzes and carefully-chosen examples designed to reinforce what you learn. (Model III BASIC req'd.) 269-2015 available 30/3/8249.95

Tiny Pascal. Great introduction to this structured programming language. Fixed point, non-array version of PASCAL. Includes sample programmes. (16K Level II Model I only, req'd.) 269-200936.95

Debug For entering, testing and debugging machine language programmes. Allows modifications to RAM and registers. Level II and Model III BASIC include single step execution of programmes, breakpoint interruption of execution. (4K Level I, 16K Level II or Model III BASIC req'd.) 269-200029.95

Series I Editor/Assembler. For assembly language programming. Includes text editor and manual with Z-80 instruction set information. (16K Level I, 16K Level II or Model III BASIC req'd.) 269-201149.95

Double Precision Subroutines. Obtain 15 digit accuracy with sine, cosine, arc-tangent, natural logarithm, exponential, and square root functions. (16K Level II or Model III BASIC req'd.) 269-170414.95

Cross Reference Utility. Build a cross reference table for any BASIC programme. Listing by variable, reserved word, or line number. (16K Level II or Model III BASIC req'd.) 269-200819.95

Find What You're After in the TRS-80 Applications Sourcebook

Over 2300
Programme Listings

For Only
3⁹⁵

Includes Business,
Education, Specific
Industry/Profession,
Statistics/Math,
Home and Games
Programmes



A listing of TRS-80 applications by a variety of vendors, with descriptions, prices. We haven't seen or tested the programmes so we cannot be responsible for any problems. This is "the" place to look for the software you need! 269-21143.95

DATA BASE MANAGEMENT

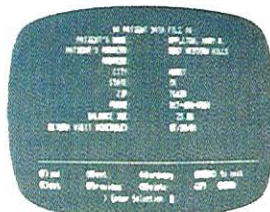
Profile. Access names, addresses, accounts, personnel records, and more — in just seconds! Powerful editing features make changes easy. Files can interact with simple BASIC programmes. Printer optional. (32K 1-Disk).

269-1562 119.95

Profile III Plus. Includes most of the capabilities of our TRS-80 Model II Profile and Profile Plus. It can store up to 8000 records, then provide access to your data with up to 36 user-defined search criteria. An indexing file allows high speed access. The math package analyzes records and stores computed results. Provides the ability to specify records of up to 1000 characters in length. Create as many as 99 categories per record, with up to 5 screen formats per record. Stores up to 2400 records on a data disk. Provides "tailored" menus, and prints up to five different user-defined reports per file (requires printer). (48K 1-Disk — Model III only.) Avail. 30/3/82 249.95

Versafile. Finds facts on file that match "key-words" in your question. A "global search" even finds the "most similar" information when there's not an exact match. (32K 1-Disk.) 269-1604 59.95

Microfiles. Designed for maximum flexibility and speed. Information can be stored, sorted, retrieved, displayed, and printed quickly with simple sentences and single-key instructions. Printer optional. (32K 1-Disk.) 269-1565 .. 139.95

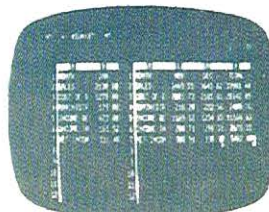


MANAGEMENT PLANNING

VisiCalc. This programme alone will justify your owning a TRS-80! It's a versatile management and engineering planning and forecasting tool that replaces pencil, calculator and columnar pad. It lets you create an "electronic worksheet". Each time you

change a variable, VisiCalc updates every related number in seconds! For example, suppose you're considering leasing or purchasing new equipment. Simply enter the new costs and savings into a VisiCalc spread sheet containing current and projected profit and loss figures. VisiCalc will instantly recalculate every related figure to show the possible effects, and help you decide whether to lease or buy. Instant "what if..." projections are a real aid for the decision maker. VisiCalc provides numeric accuracy of up to 11 digits, scientific notation, and functions like SIN, COS, TAN, LOG and more — so it's ideal for solving complex engineering problems. Produce bar graphs, access VisiCalc data files from BASIC, and print any portion of your worksheet with an optional-extra printer. (32K 1-Disk — Model I only.) 269-1566 139.95

Model III VisiCalc. All the features of Model I VisiCalc (above), plus enhancements that give you fast sheet growth, expanded printer control, and an entry editor to speed worksheet preparation. It allows you to modify formulas and labels without having to re-enter or edit current entries. (48K 1-Disk.) 269-1569 249.95



Boost Your Productivity With These New Management Aids



Time Manager. A personal calendar/reminder, and electronic notebook with time management principles built-in! This daily

organizer searches for appointments or information on events or phone calls by keyword or category. Records expenses and hours worked — great for tax purposes. Interfaces with other Manager programmes. Printer optional. (48K 2-Disk.) 269-1582 139.95

Project Manager. A powerful management system to evaluate and organize your projects. A project can be graphically displayed in several ways depending on the most important goal. It can be viewed in terms of time, sequence, personnel, materials, or resources. The effect each task has on the final completion date can be illustrated, and the effect of any changes can be shown. Provides TIME, TASK, PERT, and GHANT charts. Interfaces with other Manager programmes. Printer optional. (48K 2-Disk.) 26-1580 Available 30/5/82 139.95

Personnel Manager. An easy-to-use system for organizing information on employees, business contacts, or friends. Files can be searched for a specific person, company, product or service by pre-defined business card, telephone, and address directories, plus user-defined categories. Data can be organized to evaluate vendors and distributors, as well as employee or company performance. Prepares telephone, address and mailing lists, too. Printer optional. Interfaces with other Manager programmes. (48K 2-Disk.) 269-1581 Avail. 30/5/82 .. 139.95

Word Processing

SCRIPSIT.™ Lets you enter, correct and edit letters, memos, reports or other documents, then print your text "correction-free"! Frequently used letters, reports and forms can be stored on diskette for use again and again — and updated at any time! You can edit, insert, move or delete text; and even search for a specified word or phrase and replace every occurrence with a different one. Advanced features include reformatting, hyphenation automatic page numbering, and more! SCRIPSIT is easy to learn, and comes with training manual, audio cassette course, and reference card. Requires printer. (32K 1-Disk.)

269-1563 139.95

Super SCRIPSIT.™ A new and expanded version of SCRIPSIT! Features true proportional-spaced printing, multiple line spacing within a document, underlining, double underline, boldface, super and subscript, pause during printing to permit additions from keyboard, and more. User-defined keys can recall up to 127 predefined keystrokes. Comes with training manual, audio cassette course, and reference card. Use with our Profile III Plus programme to generate form-type letters. (48K, 1-Disk.) 269-1590 Available 30/1/82 249.95

SCRIPSIT Dictionary. Automatic "proofreading" for documents prepared with SCRIPSIT, Super SCRIPSIT, and even ASCII files! Displays and corrects errors. Contains over 60,000 commonly used words (30,000 with a Model I system). Add words of your own, too. (48K 2-Disk. Available 30/1/82 269-1591 199.00

Complete Word Processing System



This Model III system is ideal for word processing, plus many other applications described here. Includes 48K 2-Disk Model III (269-1066), dot-matrix Line Printer VIII (269-1168) and Printer Cable (269-1401).

4257.95

MODEL I AND III DISK SOFTWARE



Accounting

General Ledger I. For small businesses with up to 100 accounts. 240 entries per session,, up to 1830 per month. (32K 2-Disk.) 269-1552 139.95

Inventory Control I. Retail inventory record keeping and control for up to 1000 items. Tracks vendors, order dates, backorders, out-of-stock and on-order items. (32K 2-Disk.) 269-1553 139.95

Accounts Payable. Prints checks, register, cash flow analysis, and activity summary. Handles 75 vendors with 1000 transactions or 200 vendors with 800 transactions per month. Easy to set up. (32K 2-Disk.) 269-1554 . . . 199.95

Accounts Receivable. Monthly statements, aging reports, activity analysis, and automatic totals for posting to your company's General Ledger. Easy access to customer accounts for updating, deleting or printing. Advertising message option on billing statements. Handles 300 customers with 1000 transactions or 100 customers with 2000 transactions per month. (32K 2-Disk.) 269-1555 199.95

Business Mailing List. Prints two-across labels. Features fast sort in Zip Code or alphabetical order. Create selected mailing lists by specifying up to 8 categories. Handles 990 names with 32K 2-Disk system or 2970 names with 48K 4-Disk system. (32K 2-Disk minimum). 269-1558 139.95

Manufacturing Inventory Control. Handles up to 1900 raw materials, up to 20 finished goods per diskette. Prints bill of materials, material requirements, pull sheets, finished goods list, inventory worksheets, "where used" reports, and more. (32K 2-Disk.) 269-1559 249.95

Fixed Asset Accounting. Automatically calculates depreciation of fixed assets using

three standard methods. Allows up to 800 transactions per period. Produces purchase and sales Journals, depreciation reports. (32K 2-Disk.) 269-1560 119.95

Software for Specific Needs

Medical Office System. Ideal for the doctor's office or small clinic. Prints monthly statements, insurance forms, daily recap, transaction review, aged accounts receivable, and more. Up to 3960 patient accounts with a Model I system or 4200 with a Model III. Up to 200 different procedures and diagnoses. (48K 4-Disk.) 269-1568 349.95

Real Estate Finance. For the real estate professional or investor. Includes Volumes 1-5 of our Real Estate Series (see page 9), plus Decision Tree and Time Trend analysis. Monte Carlo analysis for income and expense simulation. "Binding development" examines site and labour cost, plus permits income feasibility studies. (32K 2-Disk — Model III only.) 269-1579 139.95

Concrete Take-Off. Foundation and structural cost estimating for the contractor. Calculates material requirements, labour component, productivity, and waste. (32K 2-Disk.) 269-1557 249.95

Replace Your Pegboard System With Our Computerized Bookkeeper!



Check Writer-80.™ Gives you a check writer and register, plus an expense tracking and bank reconciliation system that's ideal for small business bookkeeping. It's as easy to use as filling out a check or deposit slip, yet you get all the speed and accuracy of the computer. Handles multiple banks and up to 9 bank accounts, 75 payees, 31 expense categories, and about 2700 active checks. Even enter handwritten cheques. Prints cheque registers, expense summaries, description lists of banks, and payees. Requires printer. (48K 2-Disk — Model III only.) 269-1584 139.95

Languages and Utilities

COBOL. Tandy's COBOL (Common Business Oriented Language) is based on the ANSI '74 COBOL standard, and provides a single-step compiler for fast execution, multikey ISAM for quick data access, COBOL editor for creating and changing source programmes, and a DEBUG for programme development and testing. Includes System User's Guide, COBOL Editor Guide, and an extensive COBOL Reference Manual. (48K 2-Disk.) 269-2203 249.95

Compiler BASIC. Lets you programme in familiar BASIC, and gain powerful business extensions. Advanced features include single-key ISAM to help organize and retrieve data, cross-reference and interactive DEBUG to speed programme development, easy calls to assembly language or other object programmes, and 14-digit floating point decimal formats. (NOTE: Compiler BASIC is intended for programme development and not for conversion of existing software. It's not compatible with Level II or Model III BASIC programmes.) Includes Compiler and Run-Time Diskettes, plus detailed 420-page reference manual. (48K 2-Disk.) 269-2204 199.95

Run-Time Diskettes. For those who intend to sell software developed on our Compilers.

Run-Time Diskette	For TRS-80	Cat. No.	Each
COBOL	Model I	269-2206	49.95
COBOL	Model III	269-2207	49.95
Compiler BASIC	Model I	269-2208	39.95
Compiler BASIC	Model III	269-2209	39.95

FORTRAN. Includes compiler, editor, linking loader, library. (32K 2-Disk — Model I only) 269-2201 139.95

Editor/Assembler, Series. I. For assembly language programming. Includes editor/assembler, sample programmes, and extensive manual — including Z-80 mnemonics (32K 1-Disk). 269-2013 59.95

BASIC Programming Courses

Model III BASIC Course. Eight self-paced lessons on diskette that teach you to programme in Model III BASIC. Introduces variables, arrays, logical and arithmetic commands, strings, subroutines, and more. (32K 2-Disk.) 269-2010 49.95

Model III Disk Course. Four self-paced lessons on diskette that cover Disk BASIC and TRSDOS, including sequential and random access files with examples of their use. (32K 2-Disk.) 269-2014 59.95

OUR TRS-80 MODEL I STARTED THE REVOLUTION IN SMALL COMPUTERS

WE STILL SUPPORT THE REVOLUTION

Ever since our famous TRS-80 Model I was introduced back in 1978 it's been recognized as the most affordable, best supported micro-computer ever built. Model I systems are hard at work all over the world keeping records, producing paycheques and letters, solving engineering problems, teaching, entertaining and more. These Model I systems will continue to serve their owners for years to come. There are more non-Tandy programmes and accessories available for the Model I than for any other computer. We still provide full

support for the systems in use. In fact, several new Model I/III compatible hardware products and software packages are introduced in this catalogue, and more are on the way! With five affordable systems and a host of options, TRS-80 continues to be the world's most complete line of small computers and accessories. To find the TRS-80 products you need, visit your local Tandy store today!



Model I Expansion Options — Get More Out of Your TRS-80

It's easy to add expansion options to your TRS-80 Model I. Just bring in your keyboard and we'll take care of the rest. (Prices below are for parts only — required installation is extra.)

Lower Case Kit. Add lower case to your Model I. "Driver" tape included. NOTE: Some non-Radio Shack software will not run with this kit installed.

Not intended for use with programmes written in upper case format.

269-1104 99.95
Level I to II ROM Upgrade.
 269-1120 180.00

16K RAM and Keypad
 269-1011 149.95

RS-232C Interface Board

Let your Model I communicate with the "outside world"! Mounts inside Expansion Interface and lets you connect modems, card readers, serial line printers and more. Includes

manual, cable and cassette programme for using TRS-80 as a terminal. 269-1145 . . . 139.95

RS-232C Communications Software. (16K, Level II; Model III BASIC; or 32K 1-Disk.)
 269-1149 . . . 59.95



Expansion Interface

Acts as a base for the video monitor and becomes the expansion "hub" for your Model I system. Allows you to add up to 32K of additional RAM and 4 mini-Disk drives, a printer, dual cassette recorders, and RS-232C board for communications. 11.4x41.9x20.3 cm. Level II and 16K RAM required. U.L. listed AC operation.

Expansion Interface, 0 RAM.

269-1140 479.00

E/I, 16K RAM.

269-1141 539.00

E/I, 32K RAM.

269-1142 599.00

16K RAM E/I Memory Kit. Requires installation, not included.

269-1102 59.95

Model I Mini Disk Drives

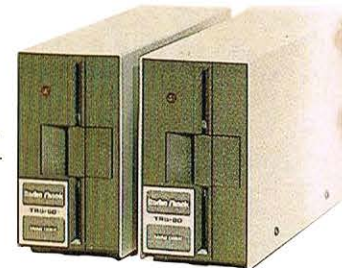
Connect up to four drives through the Expansion Interface for 307K bytes of storage! First drive includes TRSDOS and Disk BASIC on diskette and a manual. 16.5x8.8x33.6 cm

Mini Disk Drive 1. 269-1160 699.00

Drives 2, 3 or 4. 269-1161 Each 679.00

TRSDOS/Disk BASIC Disk — Model I only.

269-310 19.95



Furniture & Dust Covers for Your TRS-80

Handsome Space-Saver Desk

Low-priced desk for home or school. Holds the Color Computer, with the shelf used to support a video monitor, as in [A]. With the shelf removed, there's plenty of room for your Model III, as in [B]. Unassembled. 68.5x83.1x60.3 cm 269-1307 149.95

TRS-80 System Desk

[C] **Model III System Desk.** 68.5x121.9x68.5 cm Unassembled. 269-1305 349.95

[D] **Model III Disk Bay.** Attaches underneath Model III System Desk and holds two external disk drives. 269-1306 49.95

Computer systems not included

Universal Printer Stand

[E] This all-purpose stand matches the System Desk. Includes a slotted top for bottom-feed printers. Sturdy, easy to assemble. 68.5x59.6x48.2 cm. 269-1308 169.95

Dust Covers to Protect Your System Components

It's smart to protect your investment against dust, dirt and surface scratches with covers tailored to fit "like a glove". All are constructed of durable vinyl with reinforced stitching on all seams for added strength — and long life.

For Model II Computer. 269-4051 15.95
For Model III Computer. 269-506 12.95
For Color Computer. 269-3006 7.95
For External Disk Drives. 269-502 Pkg. of 2 9.95
For Line Printer III or V. 269-505 9.95
For Line Printer VI. 269-507 8.95
For Daisy Wheel Printer II. 269-508 9.95
For Line Printer VII. 269-512 5.95
For Line Printer VIII. 269-514 5.95

TRS-80 ACOUSTIC COUPLER/MODEM

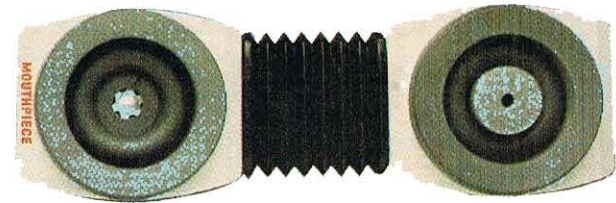


The Telephone

The telephone is the world's most commonly used communication device. It brings people together even though they may be thousands of miles apart. Since its humble beginnings its practical use has been confined to conveying the human voice. Today this is no longer true. The telephone can now bring you vast quantities of useful computer-stored information across borders or oceans right into your office or home.

This Incredible Information Source

This incredible source of information will most likely need further processing or re-arrangement if it is to be presented in a usable form. This facility is offered by an almost infinite variety of small computers and display devices. However, a problem arises when attempting to connect this equipment to the telephone. This is where this product — an acoustic coupler is needed.



To Complete The Communications Path

To complete the communications path the handset is placed into the acoustic coupler as depicted above, whilst the couplers interconnecting cable is plugged into your computer or display device.

The Coupler has been designed with the knowledge of the many different handset designs throughout the world. The unique flexible coupling provides physical compatibility with most modern handsets — a feature unavailable with other acoustic couplers.

Electronic Flexibility

Electronic flexibility is also catered for by allowing the coupler to be powered from the terminal via the communications connector or by using a plug pack of the type used to power calculators.

269-9402 429.00
Telecom Australia Permit No. C81/8/106



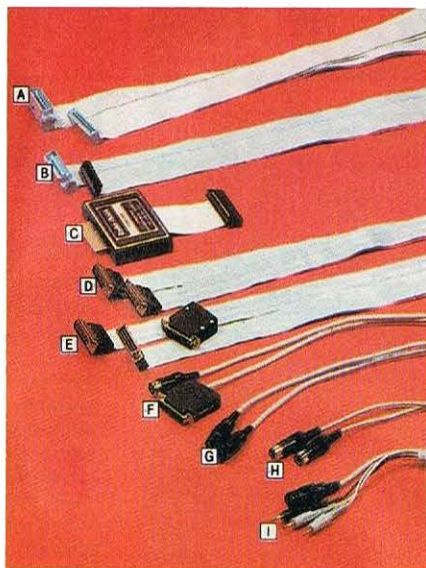
THE GREEN SCREEN

Monitor tube has dark green background with light green readout. The dark green absorbs exterior light, instead of reflecting it, and thus makes readout easier to see. Comes with exterior anti-glare daylight filter which substantially cuts down glare. The result is less glare and therefore less eyestrain. 269-9202 230.00

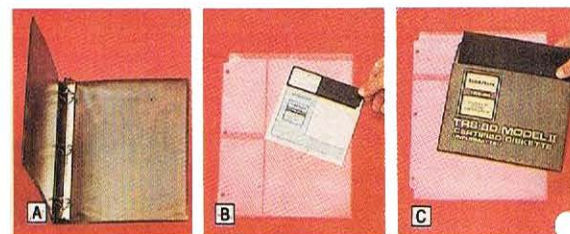
GENUINE TRS-80 ACCESSORIES

COMPLETE SELECTION OF COMPUTER CABLES

Cat. No.	Description	Function	Price
26-1401	A 34-pin edge card to 36-pin plug	Model I/III to std. parallel printer	59.95
26-4401	B 34-pin header to 36-pin plug	Model II to std. parallel printer	69.95
26-1411	C Active Parallel Interface, edge card connectors	Model I bus to std. parallel printer	129.95
26-1408	D Male DB25 to DB25 5' flat cable	Model III RS-232C serial interface	29.95
26-4403	E Male DB25 to DB25 5' flat cable and terminator	Model II RS-232C serial interface	69.95
26-3014	F 4-pin DIN to DB25	Color Computer to RS-232C interface	19.95
26-3020	G 4-pin DIN to 4-pin DIN	Color Computer serial interface	5.95
26-3009	H 5-pin DIN to 4-pin DIN	Model I cassette special serial interface	5.95
26-1207	I 5-pin DIN to Audio (3 plugs)	Model I, III, Color Computer CPU to audio cassette	7.95

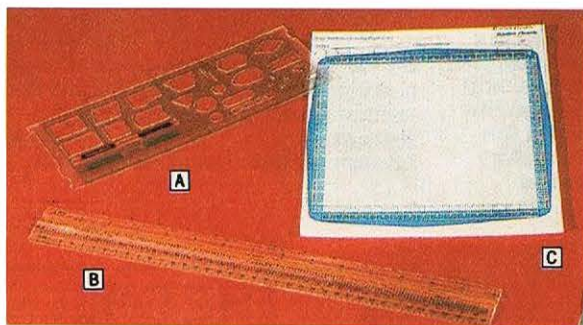


Store and Protect Tapes and Diskettes



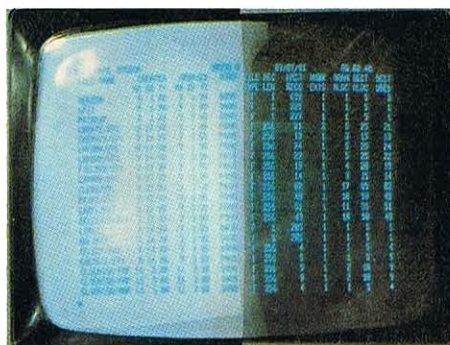
- A) Universal Data Binder.** 3-ring binder for cassette pages, diskette envelopes, and 21.5x27.9 cm documents. Matches TRS-80 deluxe binders. 269-1310 9.95
- B) 5 1/4" Diskette Holders.** Ideal for protection and storage. Stores 20 diskettes. Punched to fit 3-ring binders. Clear vinyl. 269-510 Pkg. 10/12.95
- C) 8" Diskette Holders.** Same as above, but for ten 8" diskettes. 269-4907 Pkg. 10/12.95

Your Work Goes Easier with Tandy's Support!



- A) Logic Flowchart Template.** ANSI flowchart symbols for fast, concise programme development. Helps reduce logic errors and spot design improvements. 1/10" layout grid. Clear plastic. 10.1x25.4 cm 269-1312 4.95
- B) Printviewer.** Magnifies and highlights a single line on printouts. Reduces errors, increases reading speed. Clear plastic with yellow "line window". Includes 10, 12 cpi scales 5.8x38.1 cm 269-1313 3.95
- C) Video/Program Worksheets.** One side is a proportional layout sheet for designing Model I and III screen graphics. The other side has programming space for programme lines and variable names or comments. 269-2105 100 sheets 5.95

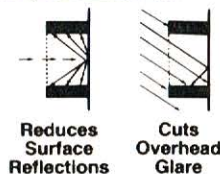
TRS-80 Anti-Glare Mask



Reduces Glare And Reflections Instantly.

You Can See the Difference!

Reduces glare with no loss of resolution. Reduces eye strain and fatigue. Installs easily in seconds. For TRS-80 Models I, II and III. 269-511 24.95

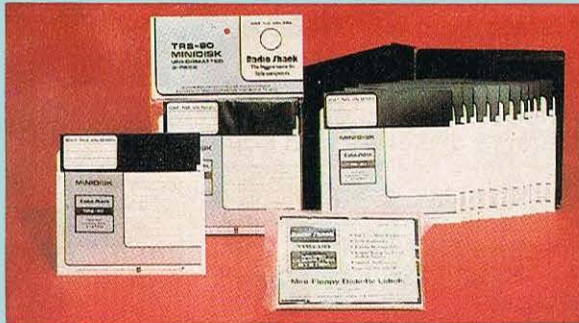


Organize Your Work Area



- A) Diskette Library Cases.** Holds 10 diskettes. Protects against dust, prevents curling. Easel insert "pops-up" for easy selection. Polystyrene. 5 1/4" Diskette Library Case. Gray. 269-1452 6.95
- 8" Diskette Library Case.** Brown. 269-4952 7.95
- B) Diskette File Boxes.** Store up to 50/60 diskettes. Index dividers simplify filing. Acrylic shell. Handsome smoke colour. 5 1/4" Diskette File Box. 269-1453 39.95
- 8" Diskette File Box.** 269-4953 49.95
- C) Stacking Data Trays.** Holds neatly stacked 37.7 cm printouts. Eliminates damage to paper from trying to fit under-sized tray. Black. 269-1309 15.95

TANDY HAS SUPPLIES FOR YOUR TRS-80



5 1/4" Certified Diskettes

Diskettes! Individually-tested. Single-sided 40-track double-density soft sector.

5 1/4" Diskette. 269-305 7.95

Diskette 10-Pack.
269-406 79.95

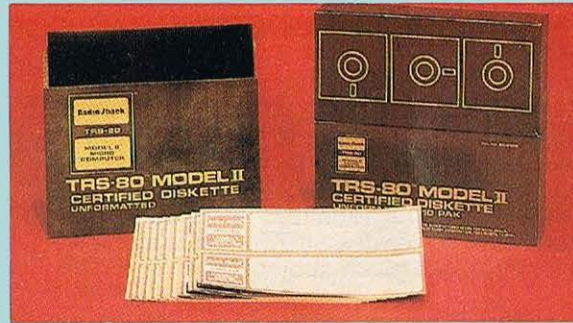
Quantity (10 Packs)	Per 10 Pack
1-4	79.95
5-9	74.95
10-Up	69.95

5 1/4" Diskette Labels. 269-306 Pkg. 100/2.95

TRS-80 PRINTER RIBBONS AND PAPER

Every TRS-80 printer is fully supported with replacement ribbons and paper supplies.

Cat No.	Description	Char. Life	Price	Use With Printer									
				269-1150	269-1152	269-1153	269-1155	269-1156	269-1158	269-1165	269-1166	269-1167	269-1168
269-1414	Ribbon Cart.	2M	24.95					x		x			
269-1418	Ribbon Cart.	1M	19.95								x		x
269-1419	Carbon Film Cart.	250K	3/29.95						x				
269-1449	Nylon Ribbon Cart.	1.6M	17.95						x				
269-1424	Ribbon Cassette	1M	12.95									x	
Cat. No.	Description	Price											
269-1405	Electrostatic, 4 3/4" Roll	3/29.95			x								
269-1412	Electrostatic, 2 3/8" Roll	26.95				x							
269-9304	500 sheets Word Processing Paper	19.95		x			x	x	x	x	x	x	
269-9305	Dry Gum Labels, 1 up, 6000	59.95		x			x	x*	x	x		x	
269-1407	9" Roll Paper, 8 1/2" pin-to-pin, 100'	12.95											x



Model II 8" Blank Diskettes

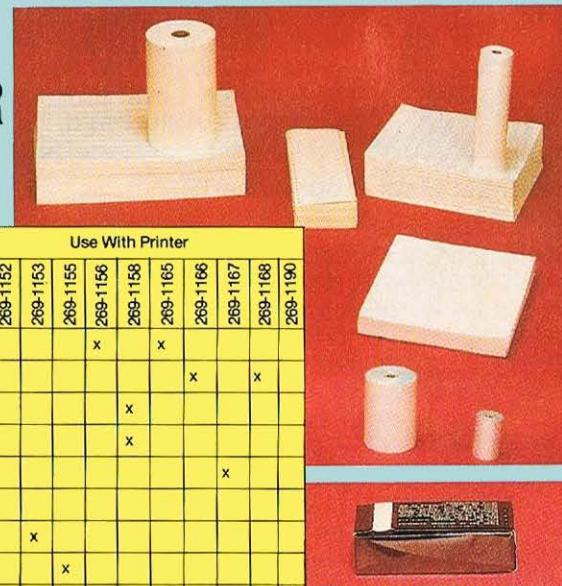
Custom-manufactured to assure compatibility, and certified against defects. Single-sided, double-density soft sector.

Blank 8" Diskette. 269-4905 10.95

Diskette 10-Pack. New Low Price!
269-4906 99.95

Quantity (10 Packs)	Per 10 Pack
1-4	99.95
5-9	94.95
10-Up	89.95

8" Diskette Labels. 269-4908 Pkg. 50/3.49



*Optional tractor-feed required



TRS-80 Computer Cassettes

Use these high-quality tapes for programmes and data storage.

C-20 Certified Leaderless Cassette. 269-301 3.95

Quantity	C-20 Each
1-11	3.95
12-23	3.55
24-47	3.15
48-Up	2.75

Cassette Labels. 269-303 Pkg. 100/2.95



A Anti-Static Spray

Prevents static electricity build-up which attracts dust and dirt and may harm computer accessories or destroy valuable data. Apply to equipment, display screen, carpet, etc. Lasts until washed off or worn away. Perfectly safe to use. 453.6 g. 269-515 9.95

B Universal Disk Drive Head Cleaning Kits

The safe, easy way to clean dirty drive heads. Helps prevent read/write errors. Just apply special solution to cleaning diskette, and run in drive for 30 seconds. Includes two cleaning diskettes and 113.4 g solution.

5 1/4" Drive Cleaning Kit. 269-407 36.95
8" Drive Cleaning Kit. 269-4909 36.95

EDUCATION DIVISION

OUR COMMITMENT TO EDUCATION

The people at Tandy believe that along with the development of a practically-priced microcomputer, there exists an accompanying obligation to make the system and its potential available to the education community. To meet this obligation, Tandy is supporting an extensive development effort to produce instructionally sound, effective and properly validated microcomputer-based educational materials for use in the classroom.

Courseware

What is courseware? It is a special kind of computer programme designed to teach. Any computer or microcomputer is useless without a programme — a special set of instructions written in computer language that tells the computer how to solve a problem, such as calculating a payroll, alphabetizing a list of names, or printing mailing labels. For an instructional application, a computer programme must incorporate an additional level of design — it must implement some acceptable instructional strategy. Special courseware such as this is costly and difficult to develop, and has been a restricting factor in applications of microcomputers in schools.

Tandy is addressing the problem of courseware. We have involved the experts — the teachers and curriculum developers in the schools — in designing and field testing our new courseware products. The educational programmes discussed on these pages represent a growing commitment to the development of courseware by Tandy.

Teachers Workshops

Operating a microcomputer such as the TRS-80 can be as simple as operating a movie projector or a tape recorder. Tandy Computer Centre classroom facilities are available free to teachers and school administrators, both for specific workshops with their students and for informal sessions to allow teachers to evaluate educational software packages. Contact your nearest Tandy Computer Centre for details.

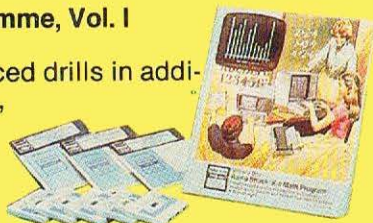
Special Section For Educators Featuring Teaching Aids You Asked For

The Microcomputer as a Medium of Instruction

Computer Assisted Instruction (CAI) is based on using the computer to assist the teacher in teaching subjects like reading, math, physics and chemistry. Proven CAI techniques have centered on individualized learning where the computer generates and presents student exercises in a given subject area.

K-8 Math Programme, Vol. I

Includes self-paced drills in addition, subtraction, multiplication and division for Kindergarten through 8th grades. Features student placement, drill, and test modes of operation. 16K Level II or Model III BASIC req'd. 269-1715249.95



AlphaKey™

Helps Children 4 to 6 years old become familiar with the keyboard and alphabet. A report is given after each lesson. 16K Level II or Model III BASIC req'd. 269-171859.95



Essential Math Programme Volume I

Self-paced drill and practice program designed to reinforce math concepts introduced by the teacher. 16K Level II or Model III BASIC req'd. For grades 7-12. 269-1716249.95



Euclid Geometry Tutor

Designed to reinforce basic geometry concepts introduced by the teacher. Allows students to develop proofs using 9 basic postulates of Euclidean Geometry. 16K

Level II or Model III BASIC req'd. 269-172459.95



Tandy's High Motivation Reading Series

Charles Lindbergh/Amelia Earhart. For reading levels 4-6. Includes 4 copies of the student reader, 2 diskettes with computer activities that measure reading skills, a read-along cassette and instruction manual. Requires TRS-80 PILOT Plus. For Model I 32K lower-case Disk System. 269-250089.95



Student Records System. Use with above to maintain a complete record of student activity scores. Printer optional. 269-250879.95

Math and Physics Programmes

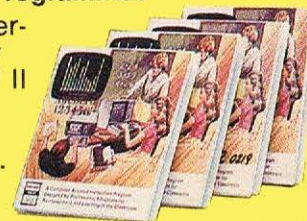
Problem-solving exercises for secondary students. 16K Level II or Model III BASIC req'd.

Advanced Graphics. 269-171439.95

Vector Addition. 269-172059.95

Interpreting Graphs in Physics: Position and Velocity Vs. Time. 269-172159.95

Graphical Analysis of Experimental Data. 269-172259.95



K-8 Math with Student Management

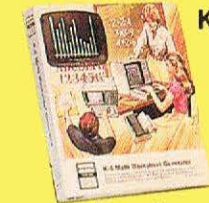
The original K-8 Math program with student management. Monitors promotions and demotions, and allows for teacher review of scores. 32K Model I or Model III disk system req'd. Printer optional. 269-1725249.95



K-8 Math Worksheet Generator

Prints worksheets and answer sheets for exercises in addition, subtraction, multiplication, and division, using selected problem sequences from K-8 Math.

Teacher can choose headings, lesson number, number of problems. 32K Model I or Model III disk system required, plus any TRS-80 line printer. 269-2162129.95



Introduce Your Students to the Computer Age with TRS-80

The Microcomputer as an Object Of Instruction

The computer age is barely 30 years old. During that time, we have seen the evolution of the giant computers of industry into compact, low-cost systems used for everyday jobs such as supermarket checkouts and flight reservations. Today, computer technology touches and influences every aspect of our daily lives.

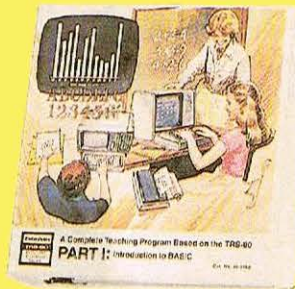
It is not surprising that more and more educators are investigating the impact of computers on the education process — not just as tools for learning, but as a means by which schools can prepare students to function in a world increasingly dependent on the use of computers. In a matter of only a few years, people who know nothing about computers may well be among the educationally disadvantaged portions of the population.

As an educational publisher, Tandy is addressing these needs with a new Computer Education Series (CES) designed for use in the classroom at all educational levels. Each programme in this series includes a teacher's manual, 25 student work books, and a set of transparencies for an overhead projector. Developed and thoroughly field-tested in schools, this material is designed for use by all teachers, regardless of their knowledge of microcomputers and programming skills. Watch for additional programmes in the CES series.



Part 1: Introduction to BASIC

A complete classroom teaching package that introduces secondary students to TRS-80 and BASIC language. All programming exercises are designed to be entered and run by students with hands-on access to the TRS-80. Includes teacher's manual, 143 transparencies and 25 student workbooks. 269-2150 199.95
Additional Workbooks. Set of 25 student workbooks for use with above 269-2151 85.00



Part 2: BASIC Programming

A complete classroom teaching package that continues the BASIC programming concepts introduced in Part 1. Includes a teacher's manual, 164 transparencies and 25 student

workbooks. 269-2152 249.00

Additional Workbooks. Set of 25 student workbooks for use with the above. 269-2153 129.00

Part 3: Advanced BASIC Programming

A complete classroom teaching package that introduces the INKEY\$ statement, ASCII character set, action graphics, cassette data files, mathematical and trigonometric functions, and multi-dimensional arrays. Includes a teacher's manual, transparencies, and 25 student workbooks. 269-2154 249.95
Additional Workbooks. Set of 25 student workbooks for use with above. 269-2155 ... 129.00

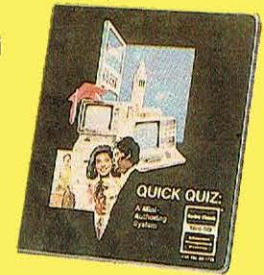


Tandy Courseware Development Systems

These new authoring systems make it easy to create courseware with the TRS-80. No extensive knowledge of programming is required.

Quick Quiz: A Mini Authoring System

Teachers can create, store, and give multiple-choice tests using a TRS-80 computer. Handles up to 40 questions with 4 answer choices per question. Up to 50 students can be tested and their scores stored on a disk file for later review. 32K Model I or Model III disk system req'd. 269-1728 59.95



TRS-80 PILOT Plus

Allows user to create or adapt courseware from curriculum suitable for computer-assisted instruction to the TRS-80. Includes user's manual with hints for using PILOT Plus efficiently, sample lessons and a reference

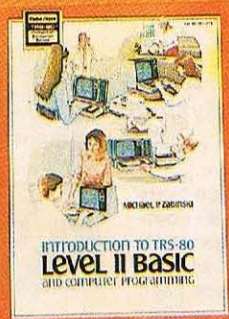
section. Model I 32K disk system req'd. 269-2205 89.95

TRS-80/AUTHOR I

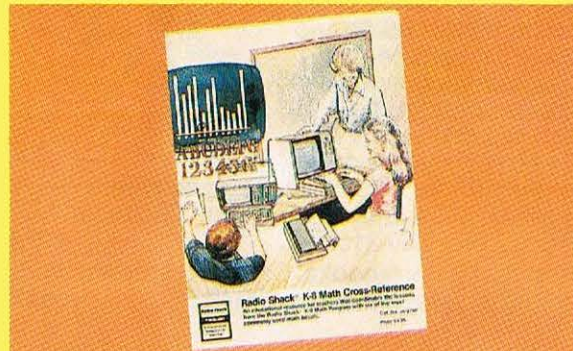
A screen-oriented authoring system that allows teachers with no previous computer experience to create CAI materials. Features include full-screen editing, use of graphics, student management module and score-keeping. The teacher can design branching within the programmes, as well as provide hints and a glossary. 269-1727 199.95



TRS-80 EDUCATIONAL SUPPORT EDUCATIONAL RESOURCE MATERIALS FROM TANDY



Introduction to TRS-80 Level II BASIC. A textbook for teaching BASIC programming, with explanations and examples. Features sequential introduction of new concepts, with exercises at the end of each chapter. 269-2116 9.95



K-8 Math Cross-Reference. Coordinates individual lessons of K-8 Math with specific chapters and pages of six popular math basals. Provides a quick means of finding the K-8 lessons which reinforce material being presented in your class. 269-2750 5.95

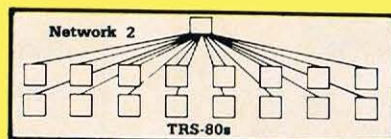
Basic Computer Literacy: Computers Past and Present

In today's world, it pays for students to have a solid understanding of computers, their history, and their applications. This classroom package includes a teacher's manual and 6 spirit masters illustrating the history of computers, what a computer is, what it can do, and how it works. A small sample computer programme is shown and analyzed. A colourful wall chart is also included. 269-2755 9.95

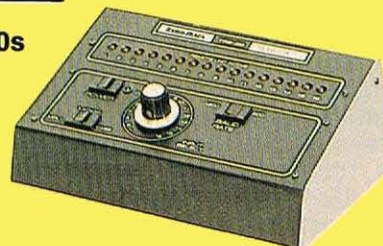


Network 2 Controller

Network 2 allows teachers to upload and download programmes to as many as 16 TRS-80 student stations. Requires a Model I or III "host" computer with at least one Mini Disk drive and up to 16 Model I or Model III student stations, or a Color Computer with disk for "host" and up to 16 Color Computers for student stations. Controllers can be cascaded to connect more stations. Includes cables. 269-1211 499.00



Control up to 16 TRS-80s
499⁰⁰



I.Q. Builder Programme

Improve problem-solving ability! Comes with 8 tapes with 38 programmes on vocabulary, synonyms, antonyms, analogies, number series. (4K Level I, 16K Level II or Model III BASIC). 269-1706 59.95

Introducing the Latest In Educational Courseware, From Tandy Available March, 1982

Investigations in Integral Calculus. Secondary math programme that allows the student to graph and compute areas of functions. Includes student activities and teacher's manual. (16K, Level II or Model III BASIC). 269-2600 59.95

Numeric Data Entry Practice. Helps students increase speed and accuracy on a standard numeric keypad. Includes disk-based record-keeping system. Printer optional. (32K Model I or Model III Disk System). 269-2601 59.95

Plane Analytic Geometry. Secondary math programme generates problems in geometry for students to solve. Emphasizes straight lines and conic sections. Programme provides help when student answers incorrectly. Report is given at the end of each section. (16K, Level II or Model III BASIC). 269-2602 59.95

Tandy High Motivation Reading Series. Student readers and read-along audio tapes accompany computer programme written in TRS-80 PILOT Plus. The computer measures comprehension in several skill areas, such as understanding the main idea, sequence of events, details, separating fact and opinion. Records test information for teacher's review. The HMRS series is based on motivational reading materials for reading levels 4-6, using an illustrated format. System can be used with optional student records system that keeps long-term individual files stored on disk. (Requires TRS-80 PILOT Plus and 32K Model I lower-case Disk System. Line Printer and HMRS Student Records System are optional.)

HMRS Hound of the Baskervilles. 269-2501 79.95
HMRS Dracula. 269-2502 79.95
HMRS Moby Dick. 269-2503 79.95
HMRS The Beatles. 269-2504 79.95
HMRS 200,000 Leagues Under the Sea. 269-2505 79.95

Essential Math Programme, Volume Two. This set of secondary math programmes covers fractions, decimals, and pre-algebra concepts. Similar in format to Essential Math Programme, Volume One. (16K, Level II or Model III BASIC.) 269-1719 249.95

BOOKS FOR BEGINNERS AND "OLD PROS" ALIKE



TRS-80 Assembly/Language Programming. Covers microcomputers, hardware and software. 304 pages. 62-2006 3.95

Computer Programming in BASIC For Everyone. Introduction to computers, writing programmes. 156 pages. 62-2015 2.95

BASIC Computer Language. Self-paced programmed instruction for Level I BASIC quickly gets you into programming. Sample programmes. 232 pages. 62-2016 5.95

Level II BASIC. Self-study Level II BASIC for the TRS-80 Model I and III. 351 pages. 62-2061 9.95

Programming Techniques for Level II BASIC. An excellent supplement to Level II BASIC (above). 142 pages. 62-2062 4.95

TRS-80 Graphics. Shows how to create graphic displays — from line drawings to geometrics to simple moving-figure animation. 142 pages. 62-2063 5.95

TRS-80 Programmes. 32 fully documented, ready-to-run programmes. 267 pages. 62-2064 6.95

Programme in Style. Packed with applications for the TRS-80 Level II, plus ideas for creating your own programmes. 343 pages. 62-2067 10.95

Computer Games. Exciting and challenging games for the Level II TRS-80. 152 pages. 62-2068 7.95

Home Computer Programmes. Includes finance, automobile-related, kitchen helpmates, tutorial, recreation, more. 330 pages. 62-2069 7.95

Introduction to TRS-80 Graphics. Discusses line drawing, special graphics characters, pixel graphics, simple animation. 134 pages. 62-2073 8.95

Advanced Level II BASIC. Helps you fully realize the capabilities of the TRS-80 Model I and III. Sample programmes and chapter summaries. 250 pages. 62-2072 9.95

Understanding Computer Science. Covers history, hardware, programming and languages of computers. Includes operating system programmes. 256 pages. 62-1383 2.95

Understanding Digital Electronics. Explains digital electronic devices, circuits and systems. 240 pages. 62-2010 3.95

Understanding Microprocessors. Learn what microprocessors are and how they can be used. 296 pages. 62-2017 3.95

Understanding Digital Computers. Easy-to-read programmed course on digital computer basics. 160 pages. 62-2027 4.95

How to Programme the Z-80. Educational text and self-contained reference. From basic concepts to advanced data structures manipulations, with comprehensive description of all Z-80 instructions. 626 pages. 62-2066 11.95

Understanding Satellite Communications Systems. Description of the basic means of electronic communications. 256 pages. 62-2018 3.95

TRS-80 Model II Reference Manual. A comprehensive, illustrated "owner's manual" for Model II users. (Included with all Model II systems.) 269-4920 39.95

TRS-80 Model II Technical Reference Manual. Includes theory of operation for the CPU Module, FDC, video/keyboard, video display, disk drives, and the power supplies. 269-4921 49.95

Getting Started With Color BASIC. Learn to write Color BASIC programmes with graphics and sound. Over 300 pages of instructions written for the beginner. Entertaining and fun. 269-3191 7.95

Going Ahead With Extended Color BASIC. Describes features of Extended Color BASIC like advanced graphics, complex sounds, and more. Over 280 pages of instructions. 269-3192 7.95

Color Computer Technical Reference Manual. For the "technical-minded". Explains how the Color Computer works — including input/output and joystick ports. 269-3193 14.95

TRS-80 Applications Sourcebook. Over 2300 TRS-80 applications of all types for sale by a variety of vendors. 269-2114 3.95

Model III Disk System Owner's Manual. Covers Disk operation, TRSDOS and Disk BASIC, with programming examples. 161 pages. 269-2111 6.95

Model III Reference Manual. Provides detailed information on Model III operation, including BASIC language section. 259 pages. 269-2112 5.95

Getting Started With TRS-80 BASIC. Entertaining introduction to Level II and Model III BASIC programming. Excellent for beginners. Sample programmes and exercises. Over 300 pages. 269-2107 6.95

Model III Technical Reference Manual. Provides technical information and theory of operation on Model III hardware for use in troubleshooting and adding interfaces. 269-2109 5.95

TRS-80 LINE PRINTERS & ACCESSORIES



Low-Cost, Full-Performance Printer With Dot-Addressable Graphics

499⁰⁰

**Line
Printer VII**

The benefits of a much higher-priced printer! Serial interface works directly with Color Computer. Bit Image mode allows printing of high-density graphic information, similar to that on the Color computer screen. (See screen print software below.) Prints 80 upper and lower case 5x7 matrix characters on an 8" line. Provides parallel interface for use with Models I, II, III. Adjustable tractor, 4½ to 9½". Uses standard 9½" fanfold paper. Includes re-inking ribbon cassette.

269-1167 499.00

Specifications. *Print Density:* 5 or 10 characters per inch. *Graphic Density:* 3780 dots/sq. in. *Print Speed:* 30 characters per second, 16 lines per minute. *Character Set:* 96 ASCII. *Bit Image:* 480 addressable 7-dot cols. *Dimensions:* 15.5x40.6x20.9 cm. *Weight:* 3.9 kg. *Power:* 240VAC, 50H, 85W.

ABCDEFGHIJ abcdefghij 012345 ; < = > ?

ABCDE abcde 012 ; < :

Our Newest Printer Offers W.P., D.P. Plus Graphics

A compact, high-density dot-matrix impact printer! The 9-wire head prints near letter-quality, proportionally-spaced characters in each line. Good-looking 9x8 monospaced characters, normally at 10 cpi (80 char. per line), can be elongated or condensed. Proportional characters and bit image dot information can be elongated — offering a wide range of character styles. Features full or half-line forward and reverse; underline capability; superscript, subscript capability; upper and lower case English letters, European symbols, and block graphic characters; selectable parallel or serial interface. Uses 9½" fanfold, single sheet and roll paper. On-Line/Off-Line,

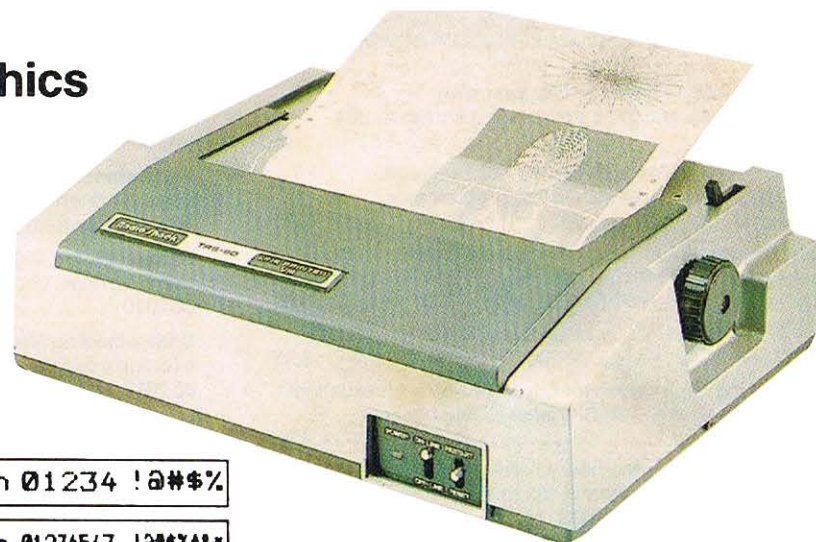
Restart/Reset controls, Power LED.

269-1168 899.00

Specifications. *Print Density:* 4.35 to 22.2 characters per inch. *Graphic Density:* 4320 dots/sq. in. *Print Speed:* 40 to 100 characters per second, 23 80-col. lines per minute. *Character Set:* 96 ASCII + 32 international and 30 graphic. *Bit Image:* 480 addressable double 7-dot cols. per line. *Fixed Pin Feed:* for Standard 9½" fanfold paper. *Dimensions:* 11.9x39.1x27.9 cm. *Weight:* 7.4 kg. *Power:* 240VAC 50Hz, 85W.

899⁰⁰

**Line
Printer VIII**



ABCDEFGHIJ abcdefgh 01234 !@#%\$.

ABCDEFGHIJKLMNO abcdefghijklm 01234567 !@#%\$&*~

ABCDEFGHIJ abcdefghijkl 0123456 !@#%\$^&

ABCDE abcde 012 !@#

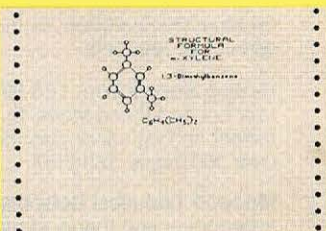
ABCDEFGH abcdef 0123 !@#%

ABCDE abcde 012 !@#

Cassette Screen Print Program

Designed to print (in black-and-white) contents of the TRS-80 Color Computer display memory if you're in one of the three two-colour high resolution modes. For use with above printers. 16K, Ext. BASIC, cassette recorder req'd.

269-3021 9.95



Paper Supplies

9½" H/S Fanfold. 2000 Sheets.
269-9314 44.95
14 7/8" H/S Fanfold. 2500 Sheets.
269-9306 59.95
9½" White Fanfold. 500 Sheets.
269-9304 19.95
6000 Mailing Labels. 59.95



See pages 14 & 15 for complete printer accessories.

Retail Prices in This Catalogue May Vary at Individual Dealer Stores

PROFESSIONAL-QUALITY LINE PRINTERS

Our Best! For Heavy Business Use

1999⁰⁰ Line Printer V

A high-speed, bidirectional, logic-seeking dot-matrix printer! A 9-wire head prints quality upper and lower case characters, with descenders, 132 columns wide. Tractor mechanism handles fanfold computer paper up to 15" wide, up to 5 sheets. Paper advance in fine-line increments for aligning preprinted forms. Features underlining, 26 European characters, 30 graphic patterns. Includes standard parallel interface. Automatic Paper-Out sensor stops printer when paper runs out. Has manual controls for LINE-FEED, 1/8 LINE (FWD/REV), SELF-TEST. On-Line/Off-Line switch.

269-1165 1999.00

Specifications. *Print Density:* 5, 7.5, 10, 15 plus Bold 10 cpi, software selectable. *Line Length:* 13.2". *Print Speed:* 160 characters per second, 60 lines per minute. *Dimensions:* 18.7x61.9x40.3. *Weight:* 10.0 kg. *Power:* 240VAC, 50Hz, 85W.



ABCDEFGHIJ abcdefgh 01234 : ; <=> ?

ABCDEFGHIJKLMNO abcdefghijkl 0123456 : ; <=> ?a

ABCDEFGHIJ abcdefgh 01234 : ; <=> ?

ABCDE 012345 : ; <=>

ABCDEFG 012345678 : ; <=>

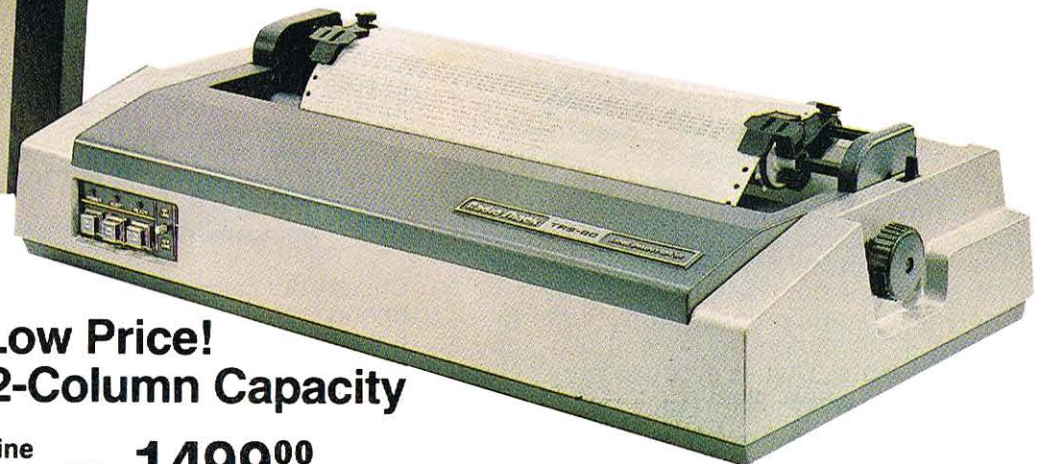
**7x9 Matrix for
Good-Looking Copy
Plus L/C Descenders**

Great Low Price! Full 132-Column Capacity

Line Printer VI 1499⁰⁰

Low price on a full-feature 15-inch wide impact printer! Compact, low-profile styling makes it an ideal printer for Model III. A 7-wire head prints up to 132 upper and lower case characters in 4 sizes, plus many graphic characters and symbols. Has bidirectional logic-seeking carriage. Removable, adjustable tractor feed allows use of friction feed. Uses 4" to 14 7/8" fanfold or single-sheet paper. Handles single to 3-part forms. Automatic Paper-Out sensor stops printer if paper runs out. Has standard parallel interface for connection to printer ports on TRS-80 Models I, II or III. Manual controls for LINE FEED, 1/12 LINE FEED, SELF TEST, RESET. ON-Line, Off-Line switch. Built exclusively to Tandy's demanding specifications.

269-1166 1499.00



ABCDEFGHIJ abcdefg 01234 : ; <=>

ABCDEFGHIJKLMN abcdefghij 0123456 : ; <=> ?a

ABCDEF 0123 : ; <=>

ABCDEFGHI 012345 : ; <=> ?

Specifications. *Print Density:* 10 characters per inch; 5, 7.5, 15 characters per inch optional. *Print Speed:* 100 characters per second, 33 lines per minute. *Dimensions:* 61.4x16.0x33.7 cm. *Weight:* 12.7 kg. *Power:* 240VAC, 50Hz, 85W.

Ribbons and Cables

Ribbon Cartridge for LP V. 2 million characters. 269-1414 24.95

Ribbon Cartridge for LP VI & VIII. 1 million characters. 269-1418 19.95

Ribbon for LP VII. 1 million characters. 269-1424 12.95

Model I, III Printer Cable. 269-1401 59.95

Model II Printer Cable. 269-4401 69.95

Color Computer Serial Interface Cable. 269-3020 5.95

See pages 14 & 15 for complete printer accessories.





Daisy-Wheel II "Letter Quality" Word Processing Printer

2299⁰⁰

For fast, superb quality printing, depend on the TRS-80 Daisy Wheel II. With its high-speed interchangeable character wheel and carbon ribbon, you get the "electric typewriter look" you want for your important typewritten documents. And when you're ready for a different character style, just snap in another print wheel. Each wheel provides clear, clean printing of up to 40-million characters. The printer features 124-character print wheels, forward and reverse paper feed and 1/2-line feeds, underline, backspace, friction-feed mechanism adjustable for up to 5 carbons and switch selectable print densities (10 or 12 characters/in. or proportional pitch). Prints an average of 43 characters per second (500-plus words per minute). Comes supplied with Courier 10 print wheel. 269-1158 2299.00

Specifications

Print Density: 13.6" Line; Switch selectable 10 cpi (136 characters per line); 12 cpi (163 characters per line); or proportional spacing.

Appropriate print wheels required for proper appearance. **Print Speed:** 43 cps Nominal; 19.5 LPM at 10 cpi, 132-col. (Approximately 500 words per minute minimum). **Carriage Motion:** Undirectional, logic seeking. **Character Set:** 124 (96 ASCII + international), 17 control codes. **Paper:** Up to 16" paper, original plus 5 copies, friction feed. **Ribbon:** Multi-strike carbon cartridge — 250,000 nominal characters — may vary with text used. Nylon cartridge — 1.6 million characters. **Interface:** Standard 8 Data Bit parallel; 36-pin Ampenol connector. **Power:** 240 VAC, 50 Hz, 141 watts. **Size:** 20.3x62.5x39.3 cm. **Weight:** 12.7 kg.

Replacement Ribbon Cartridges

Choose our carbon ribbon for highest print quality or an economical nylon ribbon for long life.

Carbon Ribbon.

269-1419 3/29.95

Nylon Ribbon.

269-1449 17.95



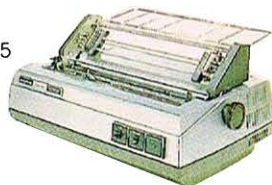
Tractor Feed for Continuous Forms

Just snap into place to use fan-fold paper with your Daisy Wheel II! Ideal for printing labels, multi-part forms and long data processing runs. Removes easily when single sheets are used. 16.1x51.7x33.0 cm.

269-1446 389.95

389⁹⁵

Printer not included



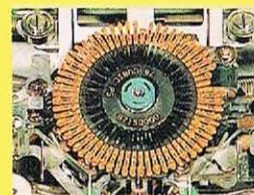
TRS-80 Acoustic Cover for Super-Quiet Printing

599⁰⁰ Stand not included

Reduces Daisy Wheel II noise dramatically — ideal for office work areas! Cover lifts for easy access to your printer. 35.5x71.1x53.49 cm — fits perfectly on our TRS-80 Printer Stands.

269-1455 599.00

Interchangeable Print Wheels Let You Print with Style



Snap-on print wheels make the TRS-80 Daisy Wheel II the right printer for a variety of applications. Each wheel features upper and lower case characters, punctuation marks and special characters.

Choose
From a
Variety of
Wheels



- A ABCDEFGH abcdefg 01234 : ; <=> ?
- B ABCDEFGHI abcdefgh 012345 : ; <=> ? @
- C ABCDEFG abcdefghi 012345 : ; <=> ? @
- D ABCDEFG abcdefghi 012345 : ; <=> ? @
- E ABCDEFGHI abcdefgh 012345 : ; <=> ? @

Pick just the type of printwheel you need for business or personal uses.

Courier 10 pitch. 269-1420 39.95

Prestige Elite, 12 pitch. 269-1421 39.95

Madeleine PS. 269-1422 39.95

Cubic PS. 269-1425* 39.95

Title Italic 12 pitch. 269-1426* 39.95

* Available 30/6/82

Automatic Sheet Feeder — The Ultimate in Convenience

1650⁰⁰

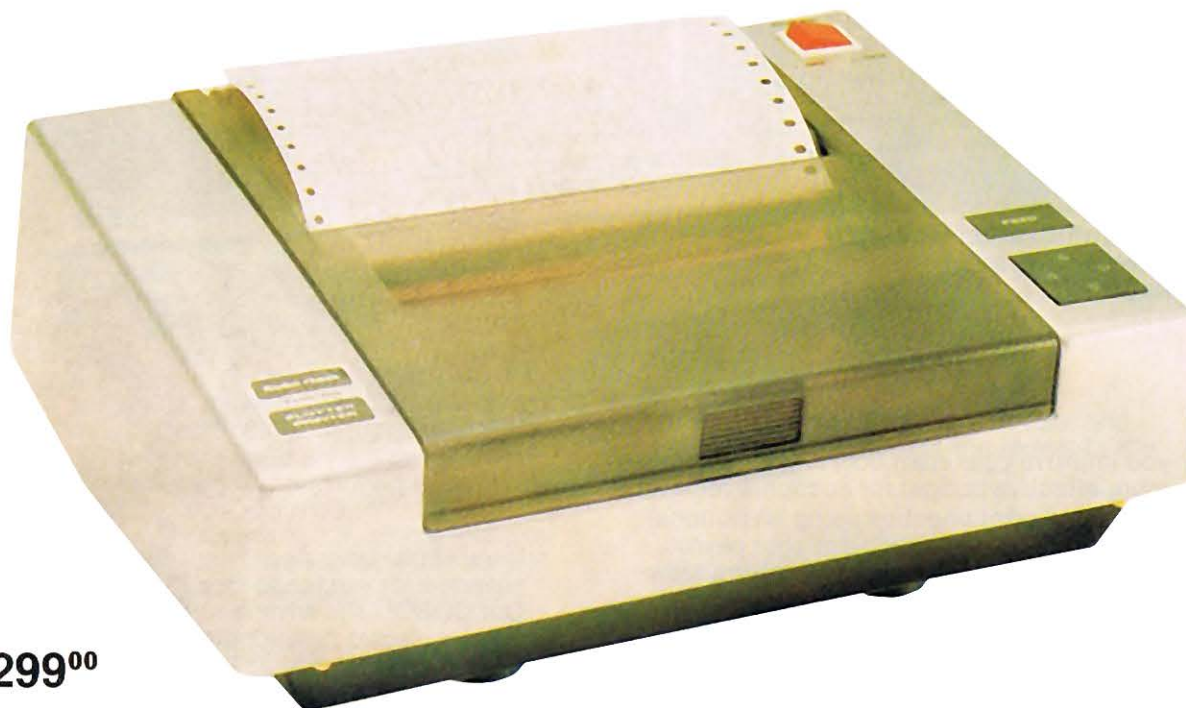
Installation
Required
not included
Printer not included



Ideal for printing hundreds of letters on your own letterhead. Feeds and stacks up to 200 sheets, single - or multi-part form sets. Removes for single sheet or tractor-use. 21.9x52.0x26.9 cm. 269-1448 1650.00

TRS-80 PLOTTERS — THE GRAPHIC DIFFERENCE

TRS-80 Plotter/Printer Uses Roll Paper
for Graphs of Almost Unlimited Length



1299⁰⁰

Responds To
Simple BASIC
Commands

The TRS-80 Plotter/Printer can be programmed with simple BASIC LPrint statements to draw a wide assortment of straight or curved lines and geometric figures, as well as the standard ASCII text characters. The writing device? An easily replaceable ballpoint pen! Features include four character sizes and rotations, front panel control of pen and paper motion and simple vector commands for drawing varied straight lines, arcs, circles, triangles and rectangles.

269-1190 1299.00

Specifications

Printing Speed: Average 10 char/sec. **Step Speed:** 667 steps/sec. **Step Size:** 0.095525 mm. X&Y axes. **Characters/Line:** 80 char./7.3". **Paper Size:** 9" roll paper. **Life of Ballpoint Pen:** Approx. 500,000 characters. **Power Requirements:** 240VAC 50Hz. **Dimensions:** 15.46x40.6x31.43 **Weight:** 5.90 kg without paper.

**New! TRS-80 Digitizer Offers
Unique Data Input Capabilities**

**Works with Any
TRS-80 with
RS-232
Serial Port**



**Ideal for Engineering, Architectural
Work, Drafting, Medical or other Chart
Analyses, and much More**

Available 30/4/82 **599⁰⁰**

Place this unique instrument on a map, chart, or plan of any size. Works with an 11x7" area. Swivel head allows operation in vertical plane. Input coordinates quickly, easily to your computer.

Measure areas, lengths, distances and more. Point and continuous modes. Includes software for basic applications. 269-1195 599.00

Specifications

Resolution: 100 Lines per in. **Repeatability:** ± 2 LSD. **Repetition Rate:** Up to 100 points/sec. **Size:** 5.15x38.25x10.23 cm. **Power:** 240 VAC 50Hz. **Operation:** Point or Continuous mode.

TRS-80 MODEL II BUSINESS COMPUTER

THE HEART OF A POWERFUL BUSINESS SYSTEM

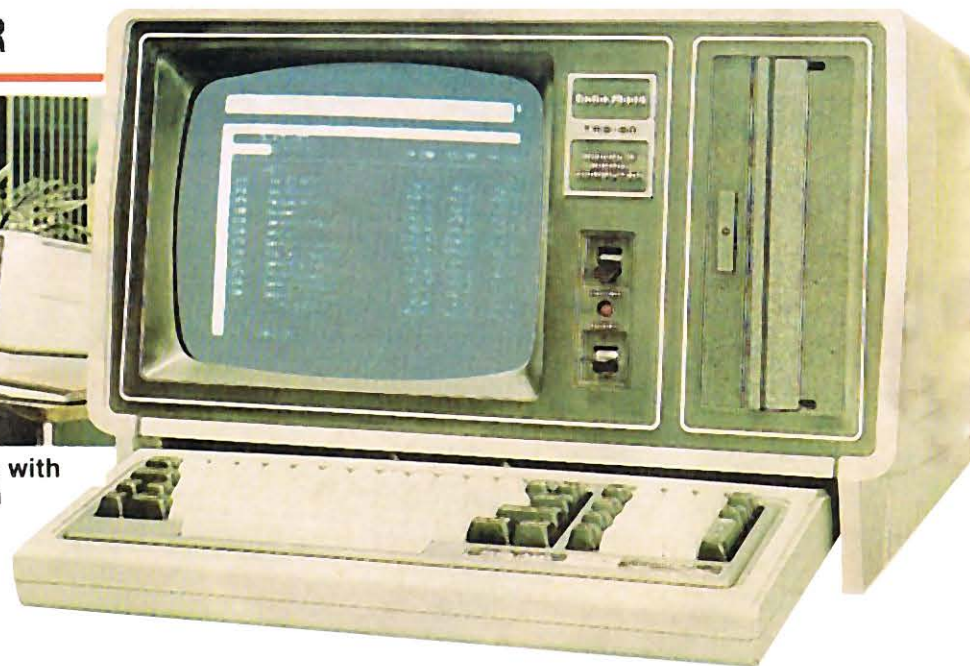
64K System

5999⁰⁰

**Ideal for Business Applications Ranging
From Accounting and Management Planning
to Word Processing**



**Improve office efficiency with
electronic filing and data
management.**



TRS-80 Model II is Tandy's fastest and most powerful business microcomputer. It combines high power and low cost to make it the right computer for countless applications. Tandy supports the Model II with a growing line of software and total before-and-after-the-sale service. And it can quickly go to work for you with no formal operator training using our inexpensive user-oriented, well-documented software programmes for payroll, accounting, inventory control, mailing lists, with more to come. Model II features easy expandability, compatibility with external equipment, communications and multi-language programming capabilities, as well as low start-up and operating costs.

In large companies, Model II can do jobs that are too "hot" to wait for shared computer time and those too small for cost-effective handling by your mainframe. Model II can also be used to create diskettes in IBM 3741 single-density format. And Model II can support remote bisynchronous communications in several IBM formats (see page 34). Why not arrange a TRS-80 demonstration soon?

Accounting

Model II has the memory and storage capacity for many accounting applications. It can help

you improve your cash flow and establish a more effective budget for accounts receivable. It can also print cheques using an optional printer, reduce paperwork for your payroll, simplify inventory control by spotting slow-moving stock items, make invoicing procedures easier and give you up-to-the-minute accounting reports.

Management Planning

With our VisiCalc™ "electronic spreadsheet" and statistical analysis software, Model II becomes an invaluable planning and modelling tool. By using your company's historical data, Model II can provide managers with valuable insights as to future performance.

Office Efficiency

As Model II system with printer is one of the easiest and most affordable ways to boost office productivity. It can easily become a powerful word processing system, and even an electronic filing system that can search through your records to find just the information you're looking for, in seconds.

Programming Languages

Model II BASIC is an advanced version of this plain English programming language. It is an easy-to-use enhanced version of our Level II

Interpretive language. Tandy also offers several optional languages for the Model II. Our COBOL, the advanced business language, is an exclusive "minicomputer" version of ANSI '74. For scientific or technological applications, there is FORTRAN. Our advanced BASIC Compiler offers ISAM file capabilities and protected source code. For more advanced programming techniques, our Editor/Assembler lets you programme in Assembly Language using either Z-80 or 8080 Mnemonics, with constants specified in octal, hexadecimal, and even binary.

Communications

The TRS-80 Model II is ideal for use in existing data processing environments because it offers the versatility a mere terminal lacks. With our communications packages, Model II provides low-cost access to large mainframe computers. And since it's a complete stand-alone computer, Model II can be used to tackle the tough problems within your department, such as inventory control, billing and forecasting without tying up your mainframe.

AN INSIDE LOOK AT THE TRS-80 MODEL II COMPUTER

The basic Model II is contained in one compact, desktop cabinet including a built-in 8" disk drive for storage of programmes and data, a high-resolution 12" video display, and a detachable keyboard designed to be similar to the familiar typewriter keyboard. The keyboard is simple to use because "special" keys have been kept to a minimum. For quicker and more accurate numeric input, a calculator-type keypad with its own ENTER key is provided. The high-resolution video screen will display 24 lines of 80 upper and lower case characters. Optionally, double-width characters — 40 per line — or reverse characters can be selected by your programme. Model II is available with either 32K or 64K of Random Access Memory (RAM). This means you can store 32,000 or 64,000 characters of information in the computer's internal memory. A 32K Model II can be expanded to the full 64K of internal memory at any time with our 32K RAM Add-On option.

Disk Storage

The double-density disk drive provides 416,000 characters of storage for your programmes and data on interchangeable "floppy" diskettes. If that's not enough, just plug in a Model II Disk Expansion Unit (page 27) with one, two or three more drives. Each added drive stores another 486,000 characters, bringing the total capacity of a four-drive system to about two-million characters. For the fastest possible access to large amounts of data, Model II can be outfitted with up to four 8.4 million-character hard disk drive systems.

Expand Anytime

TRS-80 Model II is easily expanded to cope with growing or changing requirements. It won't become obsolete in a few years. One standard parallel port and two RS-232C serial ports allow you to add printers, plotters, digitizers, communications with data-bases and other computers. Internal plug-in card slots are also provided for other options such

as the hard disk drive interface. Model II includes a comprehensive reference manual and a diskette that contains the very powerful Model II Interpretive BASIC language and "TRSDOS" disk operating system. Additional programme packages are described on pages 29 to 35.

32K, 1 Disk TRS-80 Model II. 269-4001 . 5300.00
64K, 1 Disk TRS-80 Model II. 269-4002 . 5999.00
32K, Memory Add-On. 269-4102 *699.00
Model II RS-232 Cable. 269-4403 59.95

*Installation Required (not included).

For value, versatility, ease of use, and support, you can't beat the Model II. It's all business!

Specifications

Microprocessor: Z-80A 8-Bit Processor. Clock Speed, 4 MHz. Separate Keyboard and Video Processors, Direct Memory Access and Vectored Interrupts for Faster Throughput.

External Connections: One Standard Parallel Port, Two RS-232C Serial Ports, One External Disk Bay Port.

Disk Drive: Built-In Dual-Density 8" Floppy, up to Three More Available in External Bay. Optional 8.4 Meg. Hard Disk Drive (up to 4 may be added). Maximum System May Include 4 Floppy Disk Drives and 4 Hard Disks.

Power Requirements: Built-In Filtered Power Supply for 240 VAC, 50Hz.

Keyboard: 76-Key Professional-Type Including Numeric Entry Keypad. Special Keys include HOLD, ESCape; BREAK, CTRL, CAPS, REPEAT, 'Up, Down, Right, Left and Two Programmable Special Function Keys, (F1 and F2).

Video Display: High-Resolution 12-inch Monitor with 80 or 40 Characters Per Line, 24 Lines, Automatic Scrolling. Displays Upper and Lower Case Characters with Descenders. Partial Screen Scroll Protect Available. 32 "Business Graphics" Characters.

Memory: 32k or 64K RAM. "Bootstrap" ROM is Bank-switched Out After "Boot" Startup. Includes Power-Up Diagnostics.

Internal Expansion: Four Plug-In Card Slots for Future Expansion or Converting 32K RAM to 64K.

Overall Dimensions: 35.56x53.41x58.57 cm.



TRSDOS® — The Disk Operating System for TRS-80 Model II

TRSDOS ("Triss-Doss") is the system that manages disk operations of the TRS-80 Model II. It is a comprehensive system with many powerful features for the programmer, yet it is very easy to use and virtually "transparent" to the non-programmer using pre-written software. TRSDOS occupies space on the System Diskette and is automatically loaded for use after system power-up. The Supervisor programme, input/output drivers and other essentials are always in memory. However, only a small portion of TRSDOS is actually in memory at any one time. Auxiliary code is loaded as needed into an "overlay area".

TRSDOS provides a full set of library commands, utility programmes and many useful system routines that can be called directly by user programmes.

Some of the 37 Library Commands include: ATTRIB — to change a file's password. CREATE — to preallocate data file space for faster execution. COPY and MOVE — to transfer files. DEBUG — to isolate errors in

machine language programmes. DO — for automatic powerup execution of a sequence of commands. FORMS — to set printer page length and width, line width, top of forms and to toggle parallel or serial printer drives. HELP — to help clarify TRSDOS commands. PATCH — to modify the code in our system's software so you can implement updates we provide. RENAME — to change the name of a file. SPOOL — to save printer output in a disk file for later printing, and also to allow printing while other operations are being entered.

The Utility Programmes are: BACKUP — to copy a diskette. FORMAT — to organize a diskette. MEMTEST — to check out RAM.

You also get a complete set of Communication commands: ECHO — to begin echo of keyboard input to display. HOST — to allow keyboard input from and video output to a remote terminal. RECEIVE — to input data into RAM from serial interface. SETCOM — to set RS-232 port parameters. TERMINAL — a versatile menu-driven ASCII communication programme.

Machine language programmers can use Supervisor Calls which are Operating System routines. They can be used without worrying about hard address changes which could occur in later software releases. The routines alter certain System functions and conditions; provide file access; perform I/O to the keyboard, video display and printer; plus perform various computations. TRSDOS allows keyaheads of up to 80 characters — you can type in the next command while previous ones are being executed.

Model II TRSDOS responds to commands with positive feedback. For example, if you type "KILL 'file name'", TRSDOS will respond with "'file name' KILLED" or "'file name' NOT FOUND". You also get numbered error messages with detailed explanations available on the display, and a password system that can be used to prevent unauthorized use or duplication of your programmes and data. The System diskette and comprehensive TRSDOS User's Guide is housed in a deluxe 3-ring binder, included with each TRS-80 Model II.

Model II BASIC — Our User-Oriented Programming Language

All of Model II's operating software is loaded into Random Access Memory from the System diskette every time you power-up the computer. So whatever language you choose, it leaves the maximum available user memory. No addressable memory space is committed to Read-Only Memory (ROM). The Model II contains just a small amount of ROM and merely loads the operating software, then is switched out.

TRS-80 Model II BASIC is an easy to use, expanded version of our Level II interpretive language. It's a 17K disk-based interpreter, and features detailed error flagging and quick editing that make it especially easy to use for programme development and debugging. If you can programme in Level II BASIC, you'll

find Model II BASIC very familiar, with more versatility and power. Some of its outstanding features are —

- Advanced string handling
- Multidimensional arrays
- Error trapping • Full editing
- Programme line renumbering
- Hex and octal conversion
- Direct and sequential access to data in disk files
- Ability to execute most TRSDOS commands and return to BASIC with programme and variables intact

- Special functions to allow BASIC programmes to call machine language subroutines
- Recovery from operator errors

Command compatibility has been maintained to the greatest possible extent for the convenience of Model I and III owners who decide to move up to the additional speed and capability of the Model II. And Model II BASIC does offer quite an improvement for the machine language programmer.

Model II BASIC is designed to run under our TRSDOS Disk Operating System, and both are included with every new Model II. Model II BASIC is also supplied on a Replacement TRSDOS Diskette. **Replacement Diskette**

Only. 269-4910 39.95



Disk Expansion Units For More On-Line Storage

Expand TRS-80 Model II Disk Storage Capacity Up to 2 Megabytes

From
1999⁰⁰

For more disk storage, just plug in an external Disk Expansion Unit — available with one, two or three 8-inch disk drives. Each individual drive adds about 486,000 characters of on-line storage. And, if you start with a one or two-drive system, you can add Disk Drive Kits at any time to expand to a two or three-drive system. The added drives let you use our SCRIPSIT™ Word Processing programme to print form letters with names and addresses from our Mailing List or Profile II programmes.

1-Drive Expansion System. 269-4160	1999.00
2-Drive Expansion System. 269-4161	2999.00
3-Drive Expansion System. 269-4162	3999.00
Disk Drive Kit (Drive Only). 269-4163*	1000.00

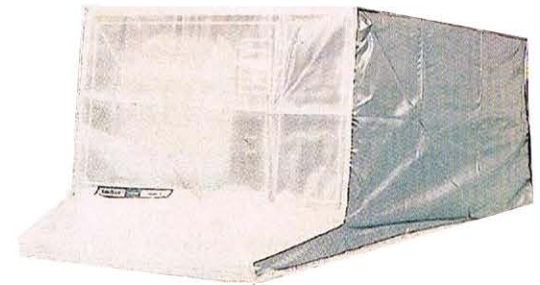
Specifications

Number of Drives: 1 to 3. *Disk Format:* Track 0, System information; Tracks 1 through 76; 26 sectors, 256 bytes per sector (double density). *Disk Size:* 8" diskette. *Data Transfer Rate:* Double Density, 500 kilobits per second. *Disk Speed:* 360 RPM. *Latency:* 83 ms, average. *Track Access Time:* 260 ms average, 10 ms track-to-track. *Power:* 240 VAC, 50 Hz, 150 watts. *Size:* 28.09x45.87x53.34 cm.

*Computer Upgrade Kit Prices Do Not Include Required Installation Charges.

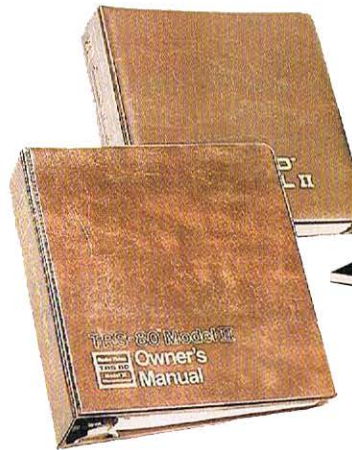
Protect Your Model II With a System Cover

Add a professional touch and help keep your investment looking and performing like new. Durable one-piece cover with stitched edges fits the Model II keyboard and display. 269-4051 15.95



Model II Technical Manual. Includes theory of operation, schematics, parts list, component specifications and general checkout procedures. 269-4921 49.95

Model II Owner's Manual. Comprehensive, fully illustrated reference guide in a heavy-duty 3-ring binder. (Included with all Model II systems.) 269-4920 39.95



Model II System Desk And Printer Stand

Desk. Large storage drawer mounts on the right or left. Mount low and place a Disk Expansion Unit above it. Heavy-duty construction with wiring cut-outs in top. 71.12x121.92x73.66 cm. 269-4301 599.00

Stand. Slotted top allows use with virtually all printers and permits bottom paper feed. 68.58x58.57x48.26 cm. 269-4302 199.00



Inset Shows Alternate Setup with Disk Bay



TRS-80 MODEL II HARD DISK SYSTEM

BREAKTHROUGH! NEW TRS-80 8.4 MILLION-BYTE HARD DISK SYSTEM DRAMATICALLY INCREASES MODEL II STORAGE

- Extremely Fast Access to Over 8 Million Bytes of Data
- Compatible With Most Existing TRS-80 Model II Software
- Easily Add Up to Three More Hard Disk Systems for Over 33 Million Characters of On-Line Data and Program Storage
- Uses All Currently Available TRSDOS Library Commands, Plus Enhanced Features Designed Specifically for the Hard Disk System

Now you can have immediate access to vast amounts of data — almost 9 million characters! With Tandy's new Hard Disk System, you can set up a powerful data base management system. And you can expand with up to three "secondary" Hard Disk Drives for a total storage capacity of over 33 megabytes. Best of all, most Model II programs will transfer directly to hard disk. The TRS-80 Hard Disk System is comprised of two 8" platters, permanently sealed in a dust-free environment. Both surfaces of each platter are accessed by their own read/write head — forming a cylinder of four tracks under the head at any one time. Winchester technology assures extremely fast read/write times and high-speed data transfer. All current TRSDOS library commands are available, plus two new utilities: SAVE and RESTORE. The SAVE utility quickly and efficiently saves data from the Hard Disk onto one or more back-up diskettes. RESTORE reads the data on the diskette and writes it back onto the Hard Disk. To best utilize the Hard Disk System, Model II's Global Search sequence will examine the hard disks first, then the floppy disks. Expand the storage capability of your Model II with our incredible Hard Disk System! Installation required.

Primary Hard Disk Unit.

269-4150 5999.00

Secondary Hard Disk Unit.

269-4151 4999.00

*Prices do not include installation



Primary Hard Disk System

5999⁰⁰

Available 30/4/82

Specifications

A 2-platter, 4-surface, 8" disk drive employing sealed media with a self-contained, circulating filtered air system. *Disk Format:* Each of 4 disk surfaces has one movable read/write head to access 256 data tracks on that surface. A 4-track cylinder is accessible under all 4 heads with a single seek. *Disk Size:* Two,

non-removable 8" disks. *Data Transfer Rate:* 4.34 megabits/second. *Disk Rotation Speed:* 3125 RPM. *Latency:* 9.6 milliseconds, average. *Track Access Time:* 19 milliseconds (track-to-track). *Power:* 240 VAC, 50 Hz, 140 W. *Size:* 12.85x45.87x48.33 cm.

For Data Base Management, Depend on a Model II Hard Disk System

This could easily be *the* business system! You get extremely fast access to volumes of data — 8,816,000 bytes. System includes the 64K TRS-80 Model II (26-4002),

Primary Hard Disk System (26-4150), Line Printer V (26-1165), Printer Cable (26-4401), System Desk (26-4301), and Printer Stand (26-4302).

System as Shown

14864⁹⁵

Installation Extra



CHOOSE THE MODEL II LANGUAGES YOU NEED FOR PROGRAM DEVELOPMENT

Language versatility! That's what you get with TRS-80 Model II. Tandy has developed several languages — each with a particular need in mind — for the Model II computer system. These reasonably priced languages enable you to purchase our complete package at a fraction of the cost you'd expect to pay just to lease from others!

The TRS-80 Model II adapts easily to your choice of languages because the system has no primary language stored in Read Only Memory. You simply choose your language, load the disk, and you're all set!

Now, just look at what's available to you! For practically any business application, there's our Model II COBOL Development System. For scientific and technical problems, we have Model II FORTRAN. And for general purpose use and ease of programming, there's Model II Compiler BASIC.

Complete program documentation is included with each language package.

COBOL Development System

COmmon Business Oriented Language is specifically designed for business and accounting applications. TRS-80 Model II COBOL is a high-level implementation of the ANSI-74 COBOL standard for minicomputers. Its features include multi-keyed ISAM for quick access of data, interactive DEBUG for programme development and testing with address stop, single step and variable display. CRT control with extended ACCEPT/DISPLAY commands for attractive screen formatting, and full level-2 Input/Output commands. It has an Editor for creating and changing source programmes, and a single-pass Compiler which generates an object code for fast execution by the Run-Time Diskette. Supplied on a

single diskette with deluxe binder and includes User's Guide, COBOL Language Manual, Run-Time package, and sample programmes. Requires 64K TRS-80 Model II.
269-4703 349.95

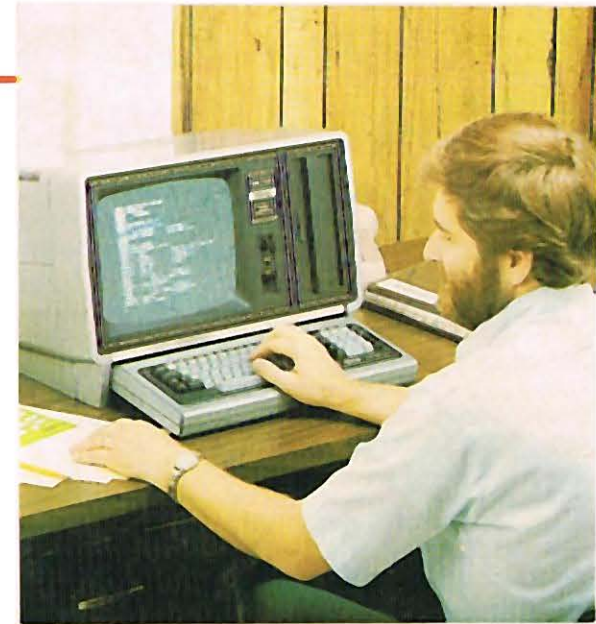
***COBOL Run-Time Diskette.** For distribution of the COBOL programmes you write yourself.
269-4704 59.95

FORTRAN

FORmula TRANslator is a universal, problem-oriented programming language designed primarily for scientific or technical problems expressible in algebraic notation. It requires the programmer to fully define the characteristics of a problem in a series of precise statements, and is designed to simplify the preparation and checkout of computer programmes. TRS-80 Model II FORTRAN is based on the ANSI-66 standard, and features complete error documentation in compiler, and hex and octal addresses for compiler listing. The programme has five modules consisting of the Editor, Compiler, Linking Loader, Subroutine Library, and a Source and Listing File-Print Utility. Supplied on a single diskette with deluxe binder and includes the User's Manual, along with language, linking loader and editor guides, and sample programmes. Requires 64K TRS-80 Model II. 269-4701 349.95

Compiler BASIC

This language package is designed for the development and fast execution of applications programmes. It lets you programme in the familiar BASIC language, then once compiled, most programmes execute several times faster than an interpreter like Model II BASIC. If you're developing programmes to sell, compiled programmes protect your code against modifications. Compiler BASIC is similar to Model II BASIC but with some powerful extensions. It features a single key ISAM to help



organize and retrieve data, a cross reference and interactive DEBUG to speed programme development, easy calls to assembly language or other object programmes, 14-digit floating point decimal format for extra accuracy, full error control, complete CRT control, and a single-pass compiler that generates object programmes for fast, efficient execution by the Run-Time Diskette. (Note: Compiler BASIC is not compatible with Model II interpreter BASIC, and cannot be used to compile existing MODEL II programmes. Compiler BASIC is intended for programme development and not for conversion of existing software.) Includes Editor, Compiler, Run-Time package, and a detailed reference manual showing the steps of operating, compiling, running and saving programmes. Requires 64K TRS-80 Model II. 269-4705 249.95

***Compiler BASIC Run-Time Diskette.** For distribution of the Compiled BASIC programmes you write yourself. 269-4706 49.95

***NOTE:** Run-Time Diskettes are available separately for those who intend to sell software developed on our compilers. You don't need to purchase a separate Run-Time Diskette for your own use.

TRS-80 BUSINESS PROGRAMS GO TO WORK IMMEDIATELY

Anyone in your office can easily learn to use our powerful Model II business and accounting software. Supplied on 8" diskettes with a comprehensive manual, all programmes require a 64K Model II and 15"-wide, 132-column printer.

Inventory Management System

Handles up to 3000 items, 200 vendors, and 999,999 on-hand quantities. Projects your reorder needs based on analysis of past performance and sales trends. Reports include: Master Inventory List, Vendor Listing, Transaction Posting Report, Suggested Order List, ABC Code Analysis, Physical Inventory Worksheets, Physical Inventory Error Report, and Inventory Performance Report.

269-4502 249.95

Statistical Analysis

Programmes for descriptive statistics, graphic histogram, frequency distribution, one and two-way analysis of variance, one-way analysis of covariance, correlation matrix, chi-square

analysis, time series analysis, multiple regression, random data samples, and item analysis and test/survey scoring. Easily prepare, update, and print your data files.

269-4540 129.95

General Ledger

Handles up to 504 accounts, up to 11,420 entries per month. Seven optional expenses categories and user-defined account numbers. Automatic out-of-balance detection, entry totalling, and document balancing. Automatic well-defined audit trails. Controlled inputs for error prevention and rapid entries. Easy document correction and error recovery.

Reports include:

Charts of Accounts, Trial Balance, Document List, Posting Summaries, Ledger Detail Report, Income Statement, and Balance. Multi-drive update Accounts Receivable (269-4504) and Accounts Payable (269-4505).

269-4501 249.95

Accounts Payable

Prints cheques, cash requirements, aging reports, and totals. Compatible with either Cash or Accrual Accounting methods. Easy maintenance of accounts for up to 500 vendors and 3000 invoices. Reports include: General Ledger Codes, Vendor Listing, Invoice Listing, Posting Report (with GL totals), General Ledger Recap, Cash Requirements, Aging Status, Cheque Preview, Cheque Register, Discount Lost Report, GL Totals after Cheque Printing, End of Period Processing (with GL totals) and Year End Report. Multi-drive update to General Ledger (269-4501). 269-4505 349.95

Accounts Receivable

A complete invoicing and monthly statement system. Allows "open item" and "balance forward" accounts, and generates both Summary Aging and Detail Aging reports. Automatic customer billing option and flexible open credit reconciliation. Add additional disk drives for increased capacity and automatic update of General Ledger (269-4501).

269-4504 349.95

Accounts Receivable, Series I. An invoicing and monthly statement programme. Keeps track of current and aged accounts. Features automatic customer billing option, open item or balance forward, consolidation for greater capacity, flexible open credit reconciliation, statement and invoice printing.

269-4554 249.95

Mailing List II

Stores names and addresses which can be revised at any time — up to 3000 names or 2000 names with a "comment" line. Each name may be assigned up to eight special categories. Choose alphabetical or Post Code order. Any number of addresses labels may be selected and printed. Five different label sizes. With a second disk drive, names and addresses can be MERGED with SCRIPSIT (269-4531) for perfect form letters.

269-4507 159.95

This affordable TRS-80 Model II "Basic Business" system is ideal for many office needs. It includes the 64K Model II (269-4002) with 416,000 free bytes of disk storage, Line Printer VI (269-1166), and Printer Cable (269-4401). Desk not included.

System As Shown

7567.95



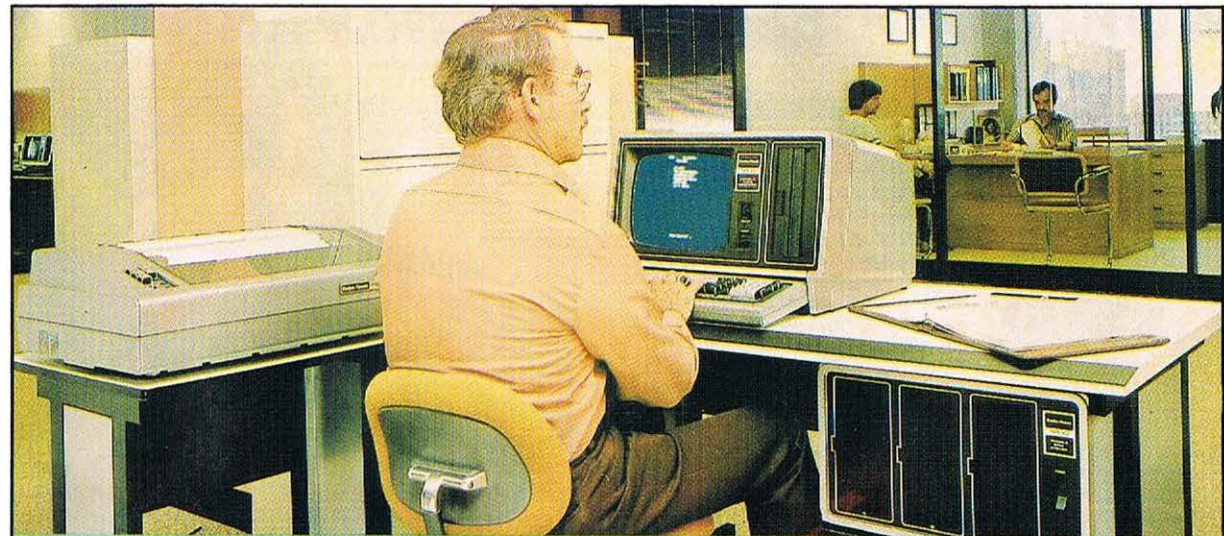
NEW MODEL II SOFTWARE FOR PROFESSIONALS

Manufacturing Inventory System

A four module programme that lets you review inventory, establish a cycle counting procedure, process inventory transactions, describe parts and quantities required to produce finished goods, determine the status and dollar value of orders, track work in progress, determine estimated vs. actual product cost, project order completion dates, plus labour and material requirements, and more. Requires 2 External Disk Drives. 269-4509. Available 30/5/82 899.00

Job Costing

Enables small construction companies to accurately track the progress and cost of each job. Expenses are entered as they are incurred and are posted to each task by cost category. Detailed and summary information is available on each job. As jobs are completed, year-to-date profit and loss is maintained on disk for one year. 269-4513 199.95



This TRS-80 system includes: 64K Model II (269-4002), 1-drive external disk system (269-4160) for a total of 902,000 free bytes of disk storage, Line Printer V (269-1165), Printer Cable (269-4401), System Desk (269-4301, and Printer Stand (269-4302).

**System As Shown
10864.95**

Time Accounting

Detailed time analysis of jobs performed by up to 14 professionals. A must when exact billing information is needed. Handles up to 1000 clients, 500 jobs, 4500 transactions, and 99 charge code categories. Tracks billable and non-billable time, cost of each individual's

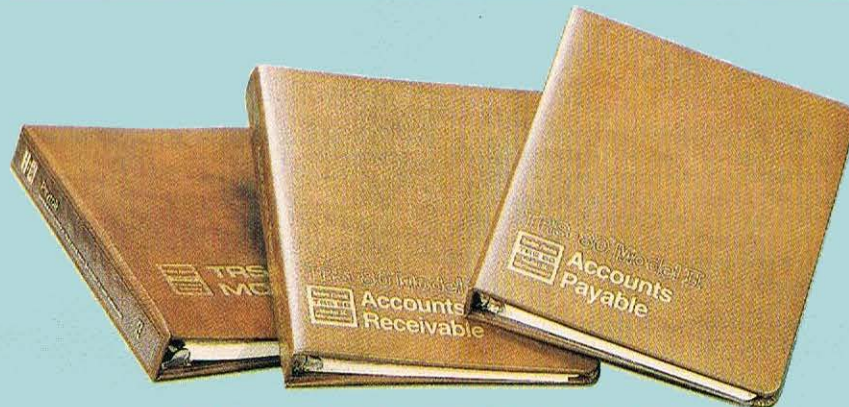
time, billable and non-billable expenses, amounts billed, amounts paid, and more. Requires 3 External Disk Drives. 269-4520 599.00

Litigation Support

A versatile filing system for the attorney. Enter client's background, case history, and correspondence. Store up to 350 client records, 12 pleas, 10 memos. Programme doubles as a paralegal. Type in a subject, topic, case number or keyword, and matching records are displayed. Store up to 575 records, 144 spaces for sources, 255 spaces for description. Complete report generation. Compose letters and reports using SCRIPSIT (269-4531) and extra disk drives. 269-4545 349.95

Personnel Search

Helps match employers with potential employees. Stores up to 246 records, with up to five referral and placement positions and five client contacted companies. Up to 66 characters for employer benefits, 227 characters for employee duties. Prints reports, plus two mailing labels. 269-4621 349.95



Each software package is complete with manual, deluxe binder, and 8" diskette.

WORD PROCESSING, FILING AND PLANNING PROGRAMMES

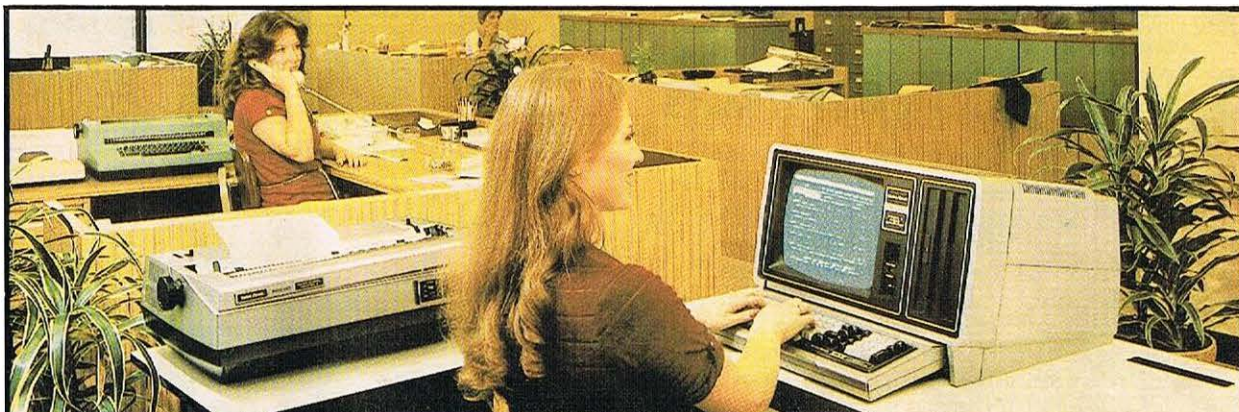


SCRIPSIT™ 2.0 Word Processing

The latest version of our powerful word processing system for the TRS-80 Model II will speed up any job you are doing now on a typewriter. It's easy to learn and use, with "plain English" prompts and menus that put advanced editing capabilities at your fingertips! Since SCRIPSIT will display up to 22 lines of up to 80 characters on the TRS-80 screen, it's much easier to use than "smart" type-

writers that give you only a one-line display. Letters, reports and manuscripts can be written and edited right on the display screen. Then, with an optional printer, you can print as many "letter perfect" copies as you want, at an incredible 500-plus words per minute. Frequently used reports, forms or paragraphs can be stored for use again and again — and updated at any time. SCRIPSIT has many "extra" features including automatic block moving and duplication, easy page numbering and renumbering, plus an information line that keeps track of cursor position, margins, line spacing and page number. SCRIPSIT's Global Search mode will locate a specific word wherever it occurs in your text for selective editing. Floating format and reverse indentation make it easy to set up tables and special formats. You can define up to 20 keys for individualized use — to reprint words and phrases or to access special functions. You can also store up to 11 formats that you use often and select the one you want with just a few keystrokes — a real timesaver for the busy typist! SCRIPSIT offers full headers and footers, as well as underlining, subscripts, superscripts and boldface, depending on the printer you choose. Allows loading and storing of ACSII text files. Stores up to 320,000 characters on each diskette with a one-disk Model II system — plus up to 400,000 characters on each external drive you add to your Model II system. SCRIPSIT's "background" feature even lets you print one document while you're typing or editing a different one. Add second drive to use the SCRIPSIT Spelling and Hyphenation Dictionary — and you can even "merge" names, addresses and information from our Mailing List II or Profile II (electronic filing) programmes for fast, automatic printout of form-type letters. Includes a superb manual as well as a self-paced training course on audio cassette tape. Requires 64K TRS-80 Model II. See pages 20-22 for printers. 269-4531 499.00

SCRIPSIT DICTIONARY. Automatic "proofreading" for SCRIPSIT! Contains over 100,000 words, abbreviations, proper names, contractions and foreign words with hyphenation points. Checks and displays your text on the screen with misspelled words highlighted. You can add up to 2000 words that are used in your environment: medical, legal, engineering, scientific terms, etc. Requires SCRIPSIT 2.0, one external disk drive. 269-4534 249.95



This complete TRS-80 system costs less than most dedicated word processors, yet gives you more — the 64K TRS-80 Model II Computer (269-4002) will handle a variety of business and technical jobs in addition to word processing! Includes our "electric typewriter quality" Daisy Wheel II Printer (269-1158), Cable (269-4401), Printer Stand (269-4302) and TRS-80 System Desk (269-4301).

Complete System
9165⁹⁵

Profile II

One of our most popular programmes — an electronic filing system that can search through your records to find just the files you want — in seconds! Keep track of names and addresses, accounts, bills owed and paid, personnel or customer records and more. You specify the way your files are set up and how information appears on the screen and printed reports. Profile II even includes options that restrict unauthorised users from accessing confidential files. Store up to 99 data fields in a single record, and print up to five different reports for each file. Reports can include automatic page numbers, current date and column totals. With two or more disk drives, Profile II can merge with SCRIPSIT to provide names, addresses and other data to be included in your letters and reports. Stores up to 3000 records with a one-disk 64K Model II system, up to 20,000 with external disk drives. 269-4512 219.95

Profile Plus. An expanded version of Profile II with a number of sensational "extras". Allows arithmetic operations — up to 16 equations of 63 characters each — and lets you switch between any of your five screens. Create customized menus. Index your file in logical order for high speed access to records. Selectable record lengths prevent wasted disk space and increase the maximum number of multi-segment records. 269-4515 349.95

Profile Upgrade. For owners of Profile II. Adds all of the features of Profile Plus. 269-4517 130.00

Profile Training. Gives you a working knowledge of the endless capabilities of Profile II by taking you through a carefully sequenced, step-by-step learning experience. Four audio cassettes with an excellent 96-page manual. 269-4516 79.95

VisiCalc™

Designed for the decision-maker. VisiCalc is an amazingly efficient management planning tool that can be used for everything from corporate finances to engineering work and family budgets. Computer experience is not required. With VisiCalc, the TRS-80 screen becomes a window through which you view a section of an electronic "worksheet" organized in columns and rows. In each "entry position" you can insert a description, number or formula. VisiCalc goes to work when you alter a number previously "written" on your worksheet — the related numbers change before your eyes as the programme instantly recalculates every affected item! For example, you can enter the projected cost of a new employee into a VisiCalc worksheet containing current and projected profit and loss figures. VisiCalc will then recalculate every related figure to show the effect of your addition. Quick "What if..." studies like this can give you an effective way to predict the results of important decisions. What might take hours with pencil, eraser, calculator and columnar pad is performed in seconds with VisiCalc! Editing is easy and there are built-in math functions for speedy solutions to complex engineering problems. You can also produce simple graphs, and of course save your "worksheets" on disk for future use. Requires one-disk 64K TRS-80 Model II. For printed copies of your worksheets you can add a TRS-80 Line Printer. 269-4511 299.00

Versafile

Permits anyone to create a computerized filing system — no computer experience is needed! Lets you store almost any type of data — you simply type in a sentence. To retrieve information, just type a question containing one or more "key words". Global search function locates any word or phrase. With a TRS-80 printer, you can print all or any portion of the files. 269-4510 99.95

PERSONALISED AUSTRALIAN BUSINESS SOFTWARE

Introduction

The Personalised Australian Business Software Package (P.A.B.S.) can be purchased as an Independent Package (Stand Alone) or all the packages can be made interactive with the other Packages (Integrated). All of the P.A.B.S. Packages are fully interactive, menu driven, automated business systems. The currently available Packages are: Invoicing, Debtors, Creditors, Cash Payments, Cash Receipts, and stand alone General Ledger. Soon to be released is our integrated General Ledger. In the development stages are Stock Control, Payroll and Stock Pricing. Each Package has features that make it a unique asset to any small business. We provide a very comprehensive manual that explains in detail how to use each Package. The description of each function is split into two sections:

1. A general description of the function.
2. Instructions for running the function.

As well as receiving our full guarantee you will receive periodic information concerning new enhancements that are available for existing Packages and advice of new Packages as they are released.

Integrated Invoice Package has been designed to assist the operator in the day to day preparation of customer invoices, credit notes etc. Automatically generates independent invoice and credit note numbers. Allows the operator to input all details pertaining to a customer's invoice or credit note and then review details on the screen to ensure correctness. Once entry is correct, final or credit note can then be produced on the printer, and details are then passed immediately to the Debtors System, so it can provide prompt billing and meaningful management reports. To access customer accounts you need only key in the first five letters of the customer name, which provides quick and easy access to all customer accounts. The Invoice Package generates four types of invoices. A sales invoice, which can contain chargeable and non-chargeable items, a credit note, a freight and clearance only invoice, and a freight and clearance credit only note function.

269-9601 649.00
Debtors Package consists of nine fully integrated programmes or functions and generates 14 different reports plus customer statements if they are required. Can be integrated with our Invoicing and/or Cash Receipts Journal and/or *General Ledger or it can be used as a stand alone system. In the creation of your customer file, you are provided with two lines to store the address, in case the customer has a particularly long address. If you are using the Debtors in conjunction with the Integrated Invoice System, this address will also appear on any Invoice etc., that are produced for the customer. You are also given the option to key in a credit limit. If the customer exceeds the limit a prompt will appear and inform you of the credit limit. Remember, any information entered via this function can be altered. This Package contains the Delinquent Debtors' Report Function and will give you a separate 30, 60, 90 or 120 + days overdue listing which can be run any time during the month. This report contains all the necessary information required to 'chase up' bad Debtors.

269-9602 649.00

Creditors Package generates 12 different reports. The reports range from day to day journal entry reports to high level year to date totals for management use. Allows the user to define purchase type classifications. It can be integrated with Cash Payments Journal and/or *General Ledger or used as a stand-alone system. In the creation of the Creditors you have several optional features. The first being a two line address for full address details with no abbreviation. The state field will always be automatically inserted by the system, when it is required, if you input a valid post code. If you don't have the valid post code you can insert a state field manually. You also have the ability to key in a contact name (i.e., the person who would

handle purchases by your firm) if required. A useful feature of the Creditors Package is a function called "Creditor Enquiry/Amendment" and can be used to answer creditor queries over the phone because account details are quickly accessible. 269-9603 649.00

Cash Payment Journal consists of eight fully integrated programmes or functions and generates three different reports. Can be integrated with our Creditors Package and/or *General Ledger Package or used as a stand-alone system. Cash Payment Journal entries enable the user to record their day to day transactions. If the Creditors System is on line, details can be automatically posted to these ledgers. This ensures accuracy of data from one system to another, and more importantly, duplication of operator input is eliminated. The Cash Payments Package also has the ability to split a cheque payment into more than one expense. A maximum of 20 dissections for one cheque can be made. Automatic cheque number generation is available and can also be easily overwritten in the case of new cheque book. If a journal entry has been posted incorrectly to the Creditors System any changes can be made to that Journal Entry. 269-9604 649.00

Cash Receipts Journal Like the Cash Payments Journal, it allows the user to set up and maintain their own personalised journal. Can be integrated with our Debtors'

Package and/or *General Ledger Package or used as a stand alone system. You can create an item description (i.e., journal classifications or dissections) with a maximum of 60 items each having up to 20 sub-categories. This gives you plenty of flexibility to set up your Cash Receipts Journal so that it "looks" the same as the existing manual system. In the Item Table, 30 characters of description can be utilised. This item description may be one of the columns that is in your present manual system or a completely new dissection. Deleted entries are handled by the system, and are listed in the reports for audit purposes, but are not reflected in any totals.
 269-9605 649.00

General Ledger consists of six fully integrated programmes or functions and generates nine different reports. Once you have set up your General Ledger accounts, you can then proceed with the input of general journals, and you are permitted a maximum of 78 characters of description to help you uniquely identify the transactions. You are able to list all the transactions (in date order sequence) for the chosen Reporting Period if you require it. If the Audit Trail Listing has a discrepancy (total debts do not equal total credits), the General Ledger reports or General Ledger closing functions can not be run. This feature is a safe guard to ensure that all reports balance.

269-9696 649.00

NOTE: If any of these packages are purchased initially as stand alone systems, and you wish to integrate at a later date, the original package is still used without loss of data. *Integrated General Ledger is to be released later this year.

For further details pertaining to P.A.B.S. Packages and capacities, please contact your nearest Computer Centre or Computer Department. The addresses are on page 47 of this catalogue.



A high performance TRS-80 Model II system that's ideal for these and other business applications. Includes 64K TRS-80 Model II (269-4002), 2-Drive Disk Expansion Unit (269-4161), TRS-80 Line Printer V (269-1165), Cable (269-4401), Stand (269-4302), and TRS-80 System Desk (269-4301).

Complete System
11864⁹⁵

TRS-80 MODEL II COMMUNICATIONS SOFTWARE



NOW YOUR TRS-80 MODEL II CAN BE COMPATIBLE WITH IBM® MAINFRAMES

ReformatTer™

Now programmes and data for use with IBM equipment can be prepared using the TRS-80 Model II.

ReformatTer handles the transfer of files between TRSDOS and IBM-compatible diskettes. It organizes data to conform to the 3741 single-density IBM format, performs an EBCDIC/ASCII character conversion, and automatically initializes diskettes to the IBM format, including all necessary fields, eliminating the need for specially pre-formatted diskettes.

You have full control over all aspects of an IBM diskette with ReformatTer. Creation/expiration date, record length, beginning of extent, end of extent, write protect, accessibility, and bypass and verify fields can all be modified. Also, any "data set" label can have its contents altered, the data set can be renamed, and even deleted data sets can be reactivated. ReformatTer allows you to examine and alter existing data on an IBM diskette directly without transferring the data

to a TRSDOS diskette — so you save time and money. And the convenient menu presentation and descriptive prompting messages make it easy to learn and use.

The ReformatTer programme is supplied on a single diskette with deluxe binder and User's Manual. Requires 64K TRS-80 Model II with two or more disk drives. 269-4714299.95

Binary Synchronous Communications 3270

This programme lets your TRS-80 Model II emulate an IBM 3270/3271/3275/3277 display station.

The Model II can communicate through a modem and telephone line to a remote computer, using standard IBM Binary Synchronous Communications (BSC) protocol for the IBM 3271 or 3275. Such remote computers include IBM Systems 360/370 and 30-series Central Processing Units, plus non-IBM devices equipped with BSC-3270 communications capability.

All functions of an IBM 3270 display station are provided for, including screen formatting,

polling responses, data link control, time out control, and cyclic redundancy checking.

A TRS-80 Model II equipped with the bisync-3270 programme may be used interactively with system such as IBM's TSO, CICS, VM/CMS and IMS, plus with other remote systems that support IBM 3271 or 3275 terminals.

Bisync-3270 communicates in half-duplex mode and may operate at data rates up to 19,200-baud depending on the type of communications connection used. It requires a 64K TRS-80 Model II, modification of the "A" serial port (extra charge), and the Editor/Assembler (269-4702) for mode reconfiguration.
269-47151295.00

IBM/DEC® Compatible Binary Synchronous Communications 3780

With this communications programme, your TRS-80 Model II can function as an IBM-compatible remote terminal or a Remote Job Entry (RJE) terminal connected to a mainframe computer by telephone.

Bisync-3780 allows the selection of IBM 2770, 2780, 3741 or 3780 terminal protocols for communicating with the IBM Systems 360/370 and 30-series computers, IBM 2780 and 3780 terminals, DEC PDP-11 or VAX-11 computers, and other devices equipped with bisynchronous communications ability.

Commands and options are provided which permit you to: send one or a series of files to a remote, receive data from the remote onto a printer or disk files, automatically convert between EBCDIC and ASCII codes, transmit or receive character coded data in transparent or non-transparent modes, automatically pad or truncate records to match transmitted data to required protocol, and decode printer forms-control commands.

Bisync-3780 communicates in half-duplex mode and may operate at data rates up to 19,200-baud depending on the type of communications connection used. It requires a 64K TRS-80 Model II, modification of the "A" serial port (extra charge), and the Editor/Assembler (269-4702) for mode reconfiguration. 269-47161295.00

MODEL II ASSEMBLY LANGUAGE AND PROGRAM EDITOR

Editor/Assembler

The Macro Editor/Assembler allows the advanced programmer to quickly write, edit, test, assemble, and execute programmes in Assembly Language. Features include the use of either 8080 or Z-80 mnemonics, plus constants can be specified in octal, hexadecimal or binary. Commands are simple and straightforward, yet powerful enough to accommodate the most demanding user. The text editor allows extensive and sophisticated editing techniques, and it's both line-oriented and character-oriented. A utility programme will provide a source listing, plus list to the printer or display any text file. Assembly Language programmes and sub-routines are edited and assembled, a relocatable object code is generated and stored on disk to be recalled later by the linking loader, loaded into memory and executed. The Editor/Assembler is supplied on a single diskette with deluxe binder, and includes Editor, Macro-Assembler, Linking Loader, Cross Reference Facility, FORTRAN Subroutine Library, plus User's Manuals and sample programme. Requires 64K TRS-80 Model II. 269-4702 249.95

Assembly Language Development System

A powerful package for developing Assembly Language programmes. The features of each module include:

EDITOR — Global find/change, print on video or printer, execute most TRSDOS commands without exiting editor, and load single file or chain multiple files together.

ASSEMBLER — IX and IY registers, separately-linkable multiple programme sections, relocatable/absolute object, macros and sorted cross references list, enhanced mnemonic op codes, conditional assembly

with optional assembly time prompting, and support of standard ZILOG® Z-80 and undocumented mnemonics.

LINKER — Indirect command file, optional module cross reference, entry point, and symbol listing.

DEBUGGER — Find/examine/change memory by HEX or ASCII, copy memory to memory or fill memory with constant, two independent memories and one register dump on screen. Permanent/temporary breakpoints plus single step, and examine/modify by file or track/sector.

FILE TRANSFER — Automatic multi-file transfers, converts files to target machine's format, automatic SETCOM with default control file, transfers source, data, object and programme files, automatic synchronization (either end responds first), and file names may be given directly, by "wild card" or by indirect command file.

The Assembly Language Development System is supplied on a single diskette with deluxe binder and User's Manual. Requires 64K TRS-80 Model II, 269-4712 349.95

Editor/Assembler, Series I

Lets you programme in machine language for faster execution and more efficient memory use. Editor features automatic line numbering, line renumbering, single-letter commands, global search, plus the source text may be saved in disk files and source files may be loaded together in memory. Assembler features these options: "wait on error", "no symbol table", "list to printer" and "trial assembly", plus single-letter commands, labels up to six characters, and eight pseudo-ops. The Editor/Assembler, Series I is supplied on a single diskette with deluxe binder and

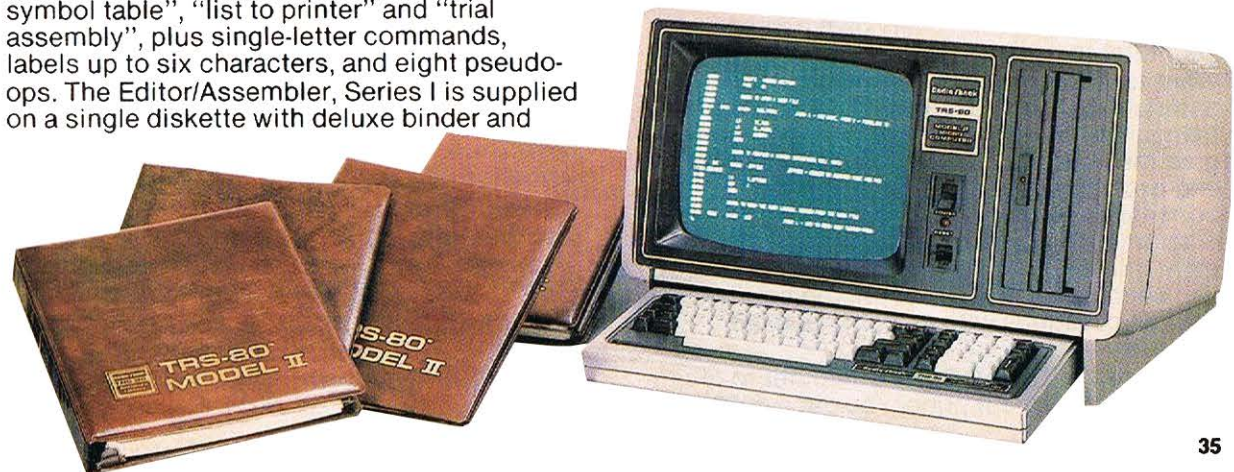
User's Manuals. Requires 64K TRS-80 Model II. 269-4713 79.95

Program Editor

This package can be used with any of our TRS-80 Model II languages. It consists of a powerful set of subcommands which simplifies programming. When you're inputting long applications programmes, the Program Editor is a fast and efficient way to debug your programme and get it running quickly. Editing commands allow you to easily modify, delete and insert characters or lines. Global search locates selected text strings throughout the programme and makes changes automatically. Line numbers are optional, and tabs are set automatically for the requirements of each language. The Program Editor is supplied on a single diskette with deluxe binder and User's Manual. Requires 64K TRS-80 Model II. 269-4710 129.95

Important Software Notice

All Tandy computer programmes are licensed on an "as is" basis, without warranty. Tandy shall have no liability or responsibility for any loss or damage caused or alleged to be caused directly or indirectly by computer equipment or programmes sold by Tandy, including but not limited to any interruption of service, loss of business or anticipatory profits or consequential damages resulting from the use or operation of such computer or computer programmes.



TRS-80 COLOR COMPUTER

TRS-80—THE MOST COLORFUL IDEA IN COMPUTING ANYWHERE!

- Vivid Color Graphics • Exciting Sound Effects
- Ready-to-Run Instant-Loading Program Paks
- Learn to Write Your Own Color BASIC Programs

TRS-80 Color Computer
4K RAM Color BASIC **599⁰⁰**

Enter the exciting world of computers with Tandy's versatile TRS-80 Color Computer! It's incredibly affordable and so easy to use. Just plug-in a handy, instant-loading Program Pak™ and you're set for thrilling electronic fun. Battle starships in outer space, play football with the pros, even challenge the computer at chess, backgammon or checkers. It's great fun for the whole family!

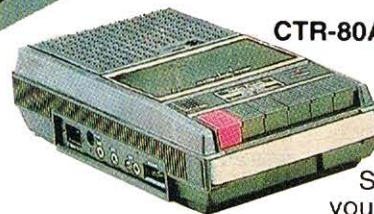
But playing games is only the beginning. You can set up a budget and keep track of expenses, create an inventory file of household items, even teach your kids math or typing. Everyone will love discovering the many fascinating, helpful, and educational ways they can put their very own personal computer to work or play.

Want to learn to programme? Our simple, entertaining "from the ground up" instruction manual will have you writing your own programmes with vivid colour graphics displays and exciting sound in no time. Simple commands let you quickly produce drawings, diagrams, charts, and more. Add a choice of eight brilliant colours, plus tones for music and sound effects. Save your programmes and data on cassettes with an optional-extra recorder.

Compare the TRS-80 Color Computer to others selling for twice our price. You get a 4000-



Attaches Easily to Your
Colour Television
(Not Included)



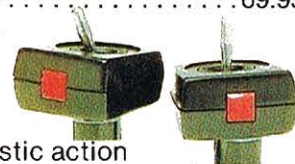
CTR-80A Cassette Recorder
Saves Your Data
And Programs

69⁹⁵

Save programmes you've written and data on audio cassettes. When needed again, simply play the tape back. Features automatic recording level. Includes connecting cable. AC operation or 4 "C" batteries (not incl.). 269-1206 69.95

**Joystick Controls for
Added Versatility**

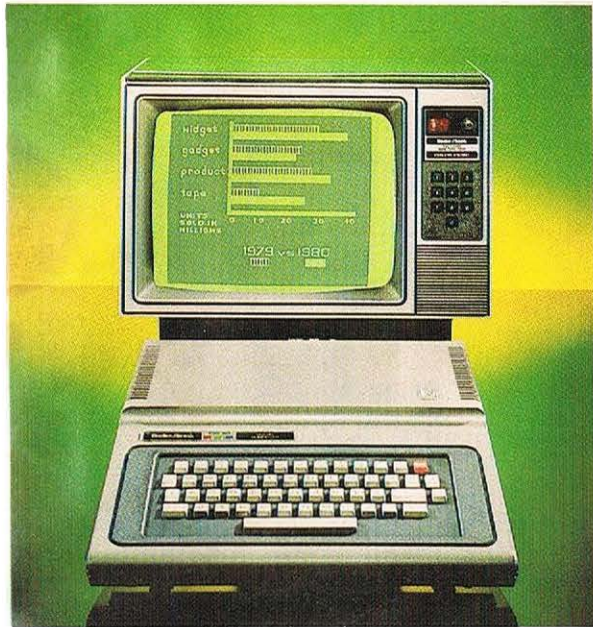
39⁹⁵
Pair



Give faster, more realistic action to some games! Use joystick instructions in your own programmes, too! On-screen objects can be made to simulate 360° movement. Each has a "single-shot" button. 269-3008 Pair/39.95

character internal memory that's expandable to 32,000 characters, and a Color BASIC language that includes data and string handling, dimensioned arrays, math functions, 9-digit numeric accuracy, and it's even expandable to a professional-featured BASIC.

Expand with a printer, disk drives, and joysticks. There's a *built-in RS-232 serial interface* for easy telephone communications, too. The TRS-80 Color Computer, ready to attach to any TV, comes complete with instruction manuals. Program Paks sold separately. **4K Color Computer.** 269-3001 599.00



Now Extended Color BASIC Brings Affordable High-Resolution Color Graphics to the TRS-80 Color Computer!

Kits to Upgrade Your Color Computer System

16K RAM Upgrade Kit. Converts a 4K Color Computer to 16K. 269-3015 59.95
32K RAM Kit. Converts a 4K or 16K Color Computer to 32K. 269-3017 249.00
Extended Color BASIC ROM Kit. Upgrades a Color Computer with standard BASIC for advanced graphic capabilities. Requires a minimum of 16K RAM. 269-3018 180.00

Computer upgrade kit prices do not include required installation charges.

Editor/Assembler Program Pak

Now you can do assembly language programming on your TRS-80 Color Computer. This integrated text editor and assembler allows efficient development of 6809 software for storing on audio cassettes. In-memory assembly allows an object code to be assembled directly into memory. Debugger allows programmes to be assembled and debugged quickly. 269-3250 59.95

TRS-80 MAKES HIGH RESOLUTION COLOR GRAPHICS AFFORDABLE

Now you can create spectacular colour graphics at an amazingly low price! Extended BASIC TRS-80 Color Computers are available in 16K or 32K models, or upgrade your existing TRS-80 color system. Get all the features of our standard model, plus more memory and the capability to produce highly detailed graphics with color and sound! It's a snap to create incredible drawings, charts, diagrams, even simple animation.

Just a few one-line commands make the creation of sophisticated shapes easy. For example, with the LINE command, you can draw a line between two specified sets of screen coordinates, make it the foreground or background colour, draw a diagonal of a box, and fill in the box with either the foreground or background colour. All that with just one command! Other commands include: CIRCLE — for drawing a full or partial circle with a specified radius at a specified coordinate. You can even change its shape! DRAW — produces a line or series of lines and lets you specify the direction and angle. And PAINT fills a specified area with the colour you pick. Extended Color BASIC's fast execution time lets you quickly draw and connect fine lines, circles, rectangles, boxes, and much more. Five graphic modes with two colour sets give you a screen resolution of up to 49,152 programmable screen pixel points (256x192). And you can choose from eight brilliant colours. It's easy to add music and sound effects to your programmes, too. The TRS-80 Color Computer can produce 255 separate tones using the powerful PLAY command. You can also put instructions for joystick functions into your programmes with the JOYSTICK command (requires joysticks). Use the joysticks like "paintbrushes" — one for the colour, the other for movement — in addition to manoeuvring objects on the screen. Plus you can save programmes and data on cassettes (recorder required).

The TRS-80 Color Computer with Extended BASIC is loaded with the dynamic features a serious programmer demands. You get a

screen format of 32 characters per line x 16 lines, multi-character variable names (two significant), string arrays up to 255 characters, full-featured editing, tracing, floating point 9-digit accuracy, trigonometric functions, user definable keys, specific error messages, and PEEK, POKE and USR commands to call machine-language subroutines. Extended BASIC computers come complete with an operator's manual, a 308-page tutorial manual on Standard Color BASIC, and a 214-page tutorial manual on Extended Color BASIC. You can add accessories at any time! Connect a printer for a copy of programmes and data — even a non-colour printout of screen displays. Add disk drives for increased storage capacity and quick access to data. And the built-in RS-232 serial interface lets you connect a telephone modem or one of our serial printers. (See page 20.)

The Extended BASIC TRS-80 Color Computer is for entertaining, educational and personal uses, too. Just plug-in a Program Pak and you're ready to go — it couldn't be easier! Attaches to any television set. Includes manuals.

16K Extended BASIC Color Computer.

269-3002 849.00

32K Extended BASIC Color Computer.

269-3003 1099.00

Specifications

Microprocessor: 6809E 8-bit processor. **Clock speed:** 0.894 MHz. **Keyboard:** 53-keys including up, down, right, left arrows, BREAK and CLEAR. **Video Display:** 16 lines of 32 upper case characters. Colour graphics capabilities range from 32x64, 8 colours to 192x256, 1 colour and background colour with 3 intermediate formats. Higher resolutions available through machine language, Extended Color BASIC, or Program Paks. (Some modes require 16K RAM.) Output connects directly to any standard colour TV set (75 ohms) and includes video and sound. **Memory:** 4K 16K, or 32K internal dynamic RAM. Color BASIC is in 8K ROM, 16K for Extended Color BASIC. Program Paks may contain up to 16K of additional ROM. **Input/Output:** 1500 Baud cassette (recorder optional). Connectors for two 2-dimensional joysticks with a pushbutton switch on each (optional). RS-232 serial I/O port. **Real Time Clock:** Assessable from Extended Color BASIC or machine language only. **Power:** 240 VAC, 50 Hz, less than 50W. **Dimensions:** 7.77x33.24x35.78 cm

TRS-80 COLOR COMPUTER DISK DRIVES

NOW IT'S EASY TO ADD EXTENDED STORAGE CAPACITY

- Full 156,672 Character Storage Per Disk
- Quick and Easy Access to Data
- Add Up to 4 Drives for over 626,000 Characters of Storage

First Drive
Complete with Controller
And Cable

699⁰⁰

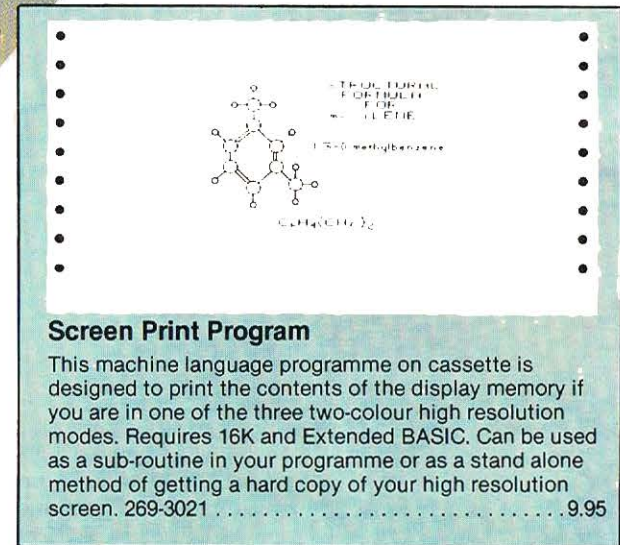
Now you can have increased capacity to store and quickly access complete programmes and large amounts of data with your TRS-80 Color Computer — just add one more Color Disk drives with Disk Color BASIC. Check the many advantages: plug-in Program Pak controller allows quick and easy attachment of disk drives to your Color Computer; does not require the user to understand an “operating system” or learn an alternate operation mode. Color Disk programming has been greatly simplified and some Model I disk commands have been retained (LSET, RSET, MKN\$ and CVN) to allow some Model I programmes to be typed in without rewriting all disk routines. It's simply an enhancement of Extended BASIC (required). All standard Extended Color commands remain intact. Additional commands added by Color Disk BASIC include: CLOSE, DIR, FIELD, GET, INPUT, KILL, LOAD, LOADM, LSET, MERGE, OPEN, PRINT #, PUT, RENAME, RSET, RUN, SAVE, SAVEM, SYSTEM, WRITE, CVN, EOF, FREE, LOC, LOF and MKN\$. System utilities included are



Plugs Into Cartridge Port
Operating System in ROM
Uses Only About 2K of Memory

BACKUP, COPY and FORMAT. Your first drive kit includes one 5 1/4" double-density, 35-track floppy disk drive, direct-connecting cable for up to 2 drives, plug-in Program Pak cartridge containing Color Disk BASIC, one blank 5 1/4" diskette, reference manual and operator's instructions. The Disk Operating system is completely contained in the Program Pak, so the full 156K-byte capacity is available for on-line storage. Included cable allows up to two drives on a system — an optional cable allows up to four drives. Requires a minimum of 16K memory and Extended BASIC. Color Disk #0 Kit.
269-3022 699.00

Increase your storage capacity even further by adding up to 3 more drives. These are additional drives only, and must be used with 269-3022, above. The cable with 269-3022 allows one more drive — an optional cable is available to add up to three drives. For use as Color Disk #1, 2 or 3. (Requires Disk #0).
269-3023 Each 499.00



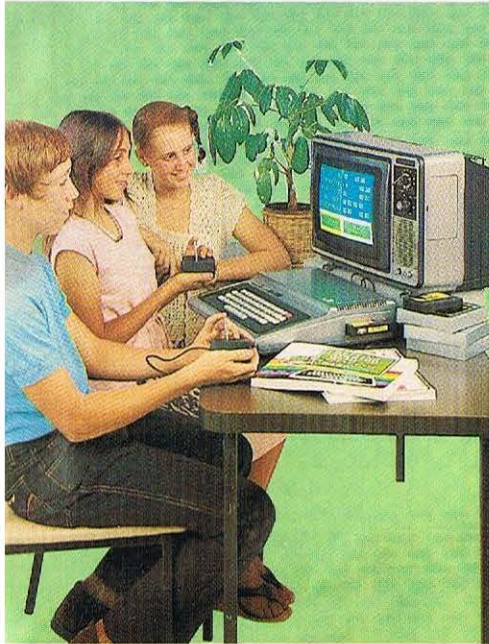
Screen Print Program

This machine language programme on cassette is designed to print the contents of the display memory if you are in one of the three two-colour high resolution modes. Requires 16K and Extended BASIC. Can be used as a sub-routine in your programme or as a stand alone method of getting a hard copy of your high resolution screen. 269-3021 9.95

Color Disk Drive Specifications

Drive: 5 1/4" mini floppy disk, 35 tracks, 18 sectors per track, 256 bytes per sector, double-density.
Disk Speed: 300 rpm.
Seek Time: 30 milliseconds, track to track.
Data Transfer Rate: 250K bits/sec.
Capacity: 156,672 bytes available to user per diskette.
Weight: 3.71 kg
Size:
Power Requirement: 240 VAC, 50 Hz, 36 V-A.
Colour: TRS-80 Silver/Black.

COMPLETE TRS-80 COLOR COMPUTER SYSTEM



Home Entertainment Starter System

716⁸⁵

TV not Included

Here's a system the whole family can enjoy. Just pop in a Program PAK® for entertainment, educational or personal use. Or with the easy-to-use manual, learn to write your own programmes in Color Basic. Includes 4K Color Computer (269-3001) Joysticks (269-3008) and Cassette Recorder (269-1206).



Student System With Printer

1353⁹⁵

Without TV

An Ideal educational computer system. There are hundreds of uses — from learning computer programming to solving complex equations. We've included a 16K Extended BASIC Color Computer (269-3002), Line Printer VII (269-1167) and Cable (269-3020).

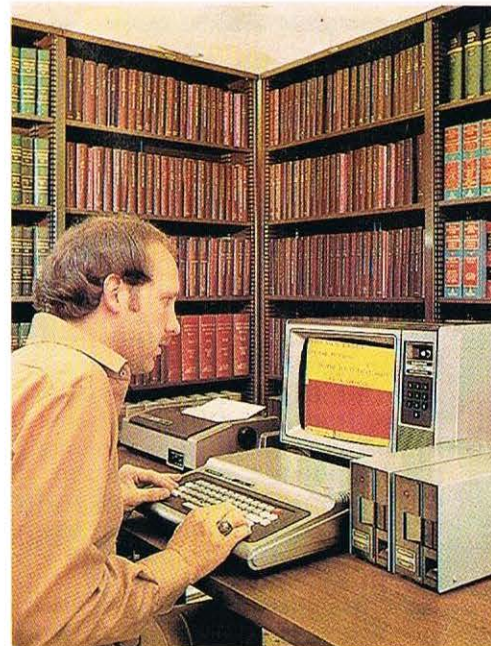


Home Disk System And Printer

2052⁹⁵

Without TV

A versatile, high-capability system. It's ready for high-volume home financial applications or entertainment with a wide range of stimulating electronic games for everyone. Includes a 16K Color Computer (269-3002), Color Disk Drive (269-3022), Line Printer VII (269-1167) and Cable (269-3020).



32K 2-Disk Professional Color System

3201⁹⁵

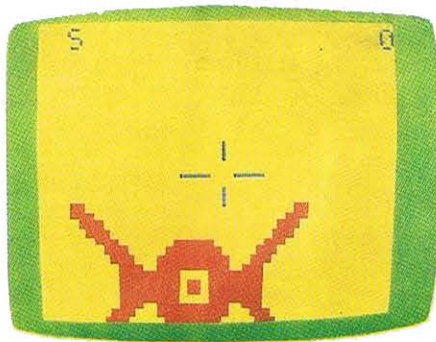
Without TV

A system that does it all — demanding technical programmes, home and family financial planning, sophisticated colour graphics. Included are a 32K Extended BASIC Color Computer (269-3003), two Color Disks (269-3022) and 269-3023), Line Printer VIII (269-1168) and Cable (269-3020).

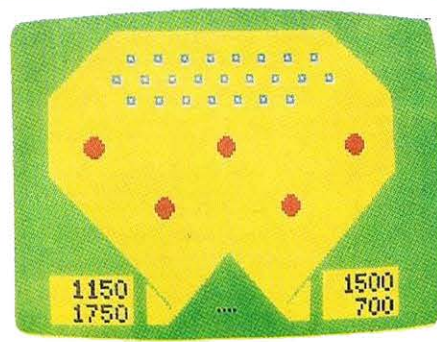
ENTERTAINING SOFTWARE FOR YOUR TRS-80 COLOR COMPUTER



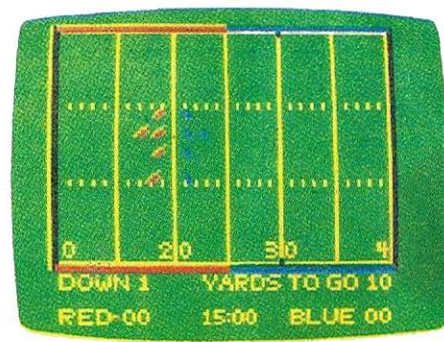
Instant-Loading — Just Plug In
Just plug in a TRS-80 Program Pak™ and turn the computer on — it's that easy! In no time at all you'll be a real "pro" at the game of your choice. All of our exciting programme packs come in an attractive box, ideal for gift-giving, and include a comprehensive, easy-to-read manual. And keep in touch with your local Tandy outlet. We've got many more exciting games in development now.



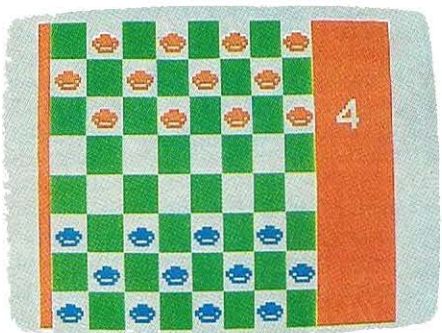
Quasar Commander
You're at the controls of a starship! Manoeuvre through space — seeking and destroying alien vessels while avoiding collisions, or set your auto-pilot and let the computer find the enemy. Joysticks control direction, speed, setting of auto-pilot, and firing weapons. Action sound. Minimum system, 4K RAM (16K RAM recommended for best animation). (Requires Joysticks.) 269-3051 .. 49.95



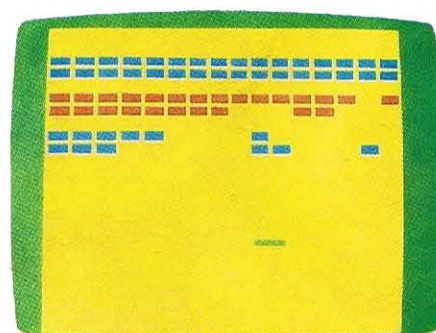
Pinball
The classic arcade game! Allows up to 4 players to compete — 5 balls per player. Every 10000 points wins a bonus ball. Design your own board for easier or tougher games, or play the standard board. Features "Bumping the Table" and "Tilt". Joysticks control flippers and ball-eject plunger. Action sound. Minimum system, 4K RAM. (Requires Joy-sticks.) 269-3052 39.95



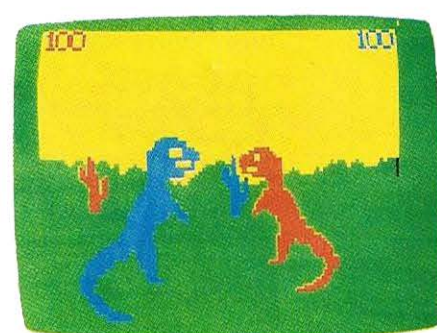
Football
Join the pros! You quarterback the offence with a choice of five players your opponent calls the defence to protect against the run or pass, or sets to blitz the quarterback. Joysticks control the plays. Cross the end zone for seven points. Catch your opponent behind his own goal line to score a two-point safety. Minimum system, 4K RAM. (Requires Joysticks.) 269-3053 49.95



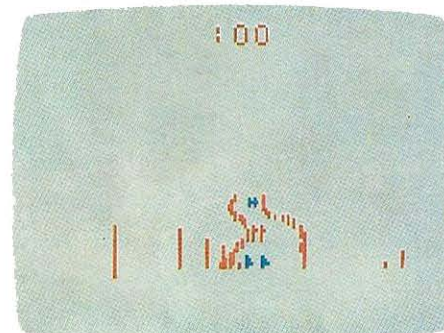
Checkers
The old game will never be the same because now it's you vs. the computer! Features eight skill levels — beginner to expert — and get ready to concentrate because, at the "expert" level, the computer searches three moves ahead for the best move. Minimum system, 4K RAM. (Joysticks optional.) 269-3055 39.95



Super Bustout
Unique fun for one to four people. Break down a wall on the screen by knocking out individual bricks, gaining points for each one you destroy. Special Gravity option lets the bricks appear running across the top or down the side of the screen. Minimum system, 4K RAM. (Requires Joysticks.) 269-3056 39.95

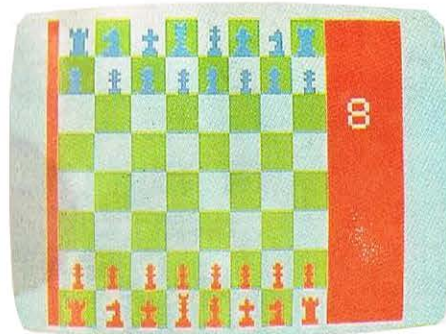


Dino Wars
An entertaining game for two players! Each player controls a dinosaur. If you aren't quick, you'll find yourself ruthlessly attacked by your opponent. Gain territorial rights. Only the strongest can take command. Minimum system, 4K RAM (16K RAM recommended for best results). (Requires Joysticks.) 269-3057 49.95



Skiing
Race against time through slalom gates to the "finish banner"! Joysticks control direction and speed. There's a "complex" version for a greater challenge. You'll enjoy this 3-dimensional "sport", complete with sound effects! Minimum system, 4K RAM (16K RAM recommended). (Requires Joysticks.) 269-3058 49.95

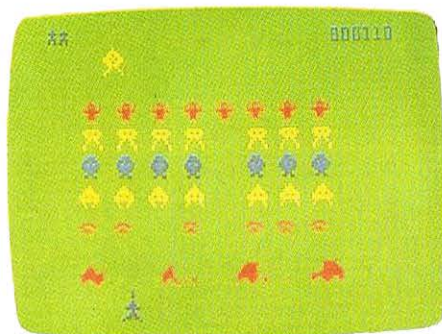
GREAT SELECTION — THRILLING GAMES FOR KIDS & GROWN-UPS



Chess

Sharpen your skills with eight levels of difficulty! You're playing against a worthy opponent — the computer! Two choices of colour sets for board and pieces. "Castling" allowed. Won't let you "cheat", so it's great for learners. The computer is always ready for a quick blitz or a slow, thoughtful game. Minimum system, 4K RAM. (Joysticks optional.) With sound.

269-3050 49.95



Space Assault

The object — get the highest possible score by eliminating invaders before they eliminate you! Your efforts will be thwarted as the enemy adds reinforcements, but if you survive long enough, you'll be aided by other defenders for a final stand against the hostile foe. Difficulty levels from beginner to expert. Minimum system, 4K RAM. (Requires Joysticks.)

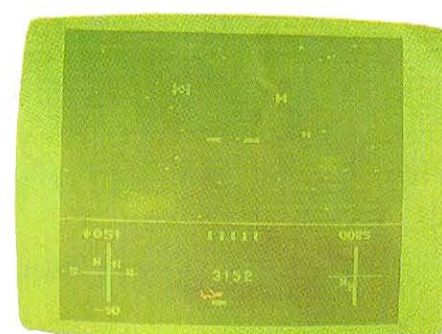
269-3060 39.95



Art Gallery

Exercise your creativity! Draw pictures using high-resolution colour graphics. Features a set of graphic characters that allows over-sized text to be displayed. Results can be saved on a cassette recorder (optional). Includes keyboard overlay and sample pictures. Minimum system, 4K RAM for limited features, 16K RAM for all features. (Joysticks optional.)

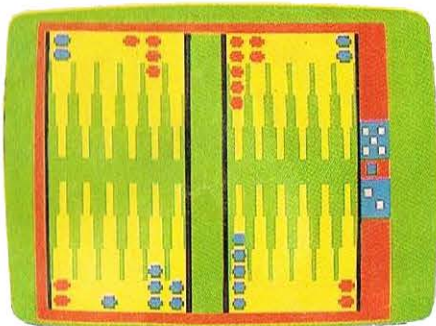
269-3061 49.95



Project Nebula

Here's the ultimate space-battle adventure game! Get ready for thrilling "dog fights" as you travel through space seeking out and doing battle with enemy vessels. Features four increasingly difficult play modes; from Target Shoot (beginner) to Star Commander (advanced), each mode contains 10 difficulty levels. Minimum system, 4K RAM. (Requires Joysticks.)

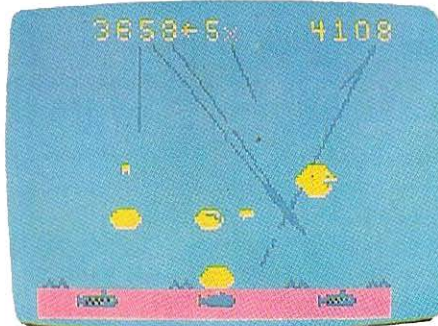
269-3063 49.95



Color Backgammon

Backgammon's popularity has skyrocketed. And, for good reason — it combines strategy and luck (plus a little blood lust). Allows for vengeance, triumph, cold-hearted assaults and total reversals of the game's flow. And, it won't let you cheat either! Minimum system, 4K RAM. (Joysticks optional).

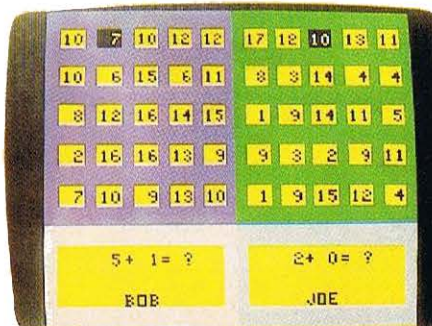
269-3059 39.95



Polaris

Use missiles to intercept computer-controlled missiles and protect your islands with 3 submarines. For one or two players. Score bonus points for islands and missiles left after each attack level. As the speed increases, the excitement mounts. Minimum system, 4K RAM. (Requires Joysticks.)

269-3065 39.95



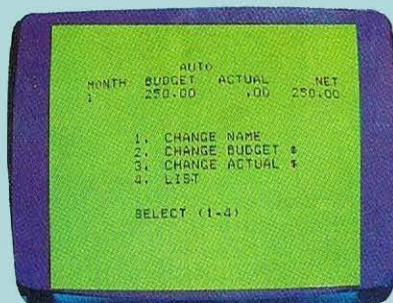
Bingo Math

Helps to improve basic math skills with stimulating exercises in addition, subtraction, multiplication, division and number recognition. Object is to solve the problems and score a Bingo. For one or two players. Includes Bingo Math, Speed Math and Number Hunt. Minimum system, 4K RAM. (Requires Joysticks.)

269-3150 .. 39.95

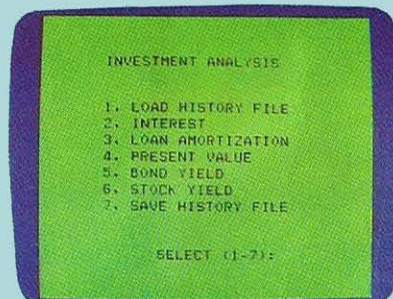


TRS-80 COLOR COMPUTER PROGRAMS — THE PROBLEM SOLVERS



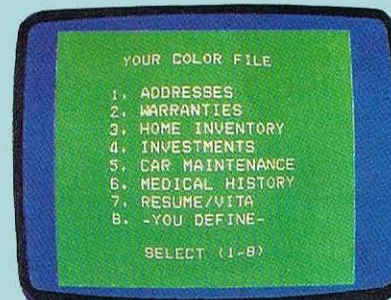
Personal Finance

"How many dollars can I spend?"
 "How much should I save?"
 "Where does all my money go?"
 Answer these and other important questions about your finances. Overcome bad money habits! 26 major expense categories: auto, gas, clothing, food, retirement, more. Minimum system, 4K RAM. 269-310149.95



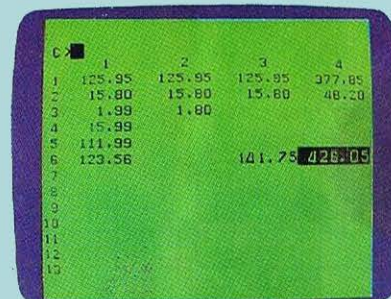
Investment Analysis

An aid to personal finance. Wide range of calculations to determine interest, loan payments, present values, bond yields, and stock yields. A great help in making financial decisions. A full accounting can be recorded on cassette (optional) for later use. Min. system, 4K RAM. 269-310249.95



Color File

Helps you store, retrieve and use data. Easily alphabetize, select, examine, print, change, save your info. Features standard files such as names, addresses, inventories, medical histories. Create your own files for other uses. Requires CTR-80A cassette recorder. Minimum system, 4K RAM. 269-310339.95



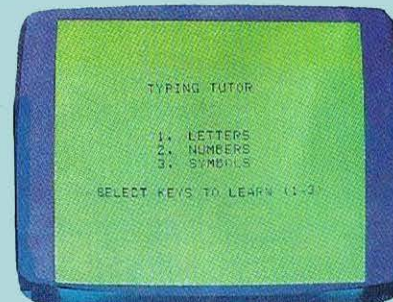
Spectaculator

Do planning, forecasting, or problem-solving with this "electronic worksheet"! Up to 99 columns of up to 99 items (dependent on available memory). Columns contain user-entered numbers or formulas for calculation. Minimum system, 4K RAM Recorder recommended. 269-310449.95



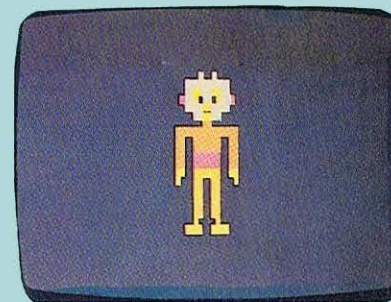
Color Scripsit™

A colour word processing system with editing features like string search, replaces, block move, copy, variable line widths, much more. Easy to learn. Text can be saved on tape (recorder optional — extra) or printed on optional printer. Minimum system, 4K RAM. 269-310549.95



Typing Tutor

Helps you learn to type the alphabet, numbers and symbols. Whether you're a novice or experienced typist, you'll build speed and increase accuracy. Programme monitors your progress and creates new letter drills for practice on those areas where you need help. Minimum system, 4K RAM. 269-3152 .39.95



Color Computer Learning Lab

The best hands-on, self-teaching programming course we've ever seen! Learn Standard Color BASIC programming with the aid of your computer. Containing 200-page manual, 8 cassette tapes, with 30 lessons. Also teaches you how to apply what you've learned. Minimum system, 4K RAM. 269-315359.95



Handyman

Makes a do-it-yourselfer's work easier! Program asks essential questions — dimensions, specifications, etc. — for a particular job. You just answer with appropriate input to learn how much lumber, insulation or paint is required. Includes comparison shopping feature. Min. system, 4K RAM. 269-315439.95

TRS-80 POCKET COMPUTER

NEW LOW PRICE ON THE TRS-80 THAT FITS IN YOUR POCKET!

- Programmable in BASIC
- Retains Programs and Data When Power is Off
- Standard Typewriter-Format Alphabetic Keyboard
- 10-Digit Numeric Accuracy

Only
219⁹⁵
Was \$249.00
in RSC-5

ACTUAL SIZE
ONLY 1.7x6.9x17.4 cm
ONLY 170.1 g

Tandy puts big computing power in the palm of your hand! Programme the TRS-80 Pocket Computer in BASIC to solve problems, process data, and assist in your decision-making.

You Don't Have to be an Expert

If you've never operated a computer, don't worry, because calculations on this "pocketable" TRS-80 are as simple as using a common calculator — or you can use our convenient cassette software that's ready to run. The Pocket Computer has 15 built-in arithmetic functions you can put to work as soon as you press the "ON" key. You can work with large numbers — up to 10 digits (mantissa) and 2-digit exponents. Using trig and angular functions is just as easy because they're also built-in.

Advantages of BASIC Programming

The real power of the TRS-80 Pocket Computer comes from its ability to run programmes, either yours or ours. It accepts your instructions on "how to do the job" in BASIC — an English-based computer language used by experts and beginners alike for a wide range of jobs. In fact, Pocket Computer BASIC

is very similar to TRS-80 Level I BASIC.

You can programme the Pocket Computer to do almost any of the smaller jobs (without graphics) that other TRS-80 microcomputers can do. Programme it to file a stock portfolio, or to calculate business, engineering or scientific problems. Programmes can be saved on cassettes (with the optional cassette interface and recorder), or left in memory for as long as needed. You can even get printed copies with our optional printer.

Multiple programmes stored in memory can be identified with a single key label and run simply by pressing the specified key. Programmes can accept words and names as data (strings of up to 7 characters) for storage in memory and even sort or search for them. The 1424 step memory is automatically partitioned for programme and data storage, and there is a 26 data element memory and a 48-step reservable memory for storing frequently used functions.

Your programmes can display prompts in plain English for inputs and display answers with explanations. An Edit and Debug mode make programming much easier than any program-

mable calculator. The keyboard includes 35 keys for alphabetic input and special functions, most having a dual function when used with the Shift key, plus a 20-key section for numeric input, numeric functions mode and editing.

Powered by 4 easy-to-replace, long-life mercury batteries (available at Tandy). Automatic power-off saves battery life if no entry is made after 7 minutes. Optional cassette interface holds the Pocket Computer, allows you to store or enter multiple programmes and data. 269-3501 219.95

Specifications

Microprocessors: Two 4-bit CMOS (one for arithmetic operation, one for BASIC interpreter and key-in). **Keyboard:** 57 keys alphanumeric. **Display:** LCD 24-character 7x5 dot matrix plus 8 symbols (SHIFT, DEG, RAD, GRAD, DEF, RUN, PRO, RESERVE). Automatic scrolling plus manual playback of line longer than 24 characters. 80-character input buffer. **Memory:** ROM, 11K bytes total (7K for BASIC interpreter, 4K for monitor, approx.) RAM, CMOS approx. 1.9K bytes total with automatic BASIC abbreviation for maximum memory conservation. **Subroutines and FORNEXT Stacks:** 4 levels, each, up to 15 levels of parentheses. **Power Supply:** Four type 675 mercury batteries, available at Tandy. Cat. No. 23-1521. Nominal battery life 300 hours.



TRS-80 POCKET COMPUTER ACCESSORIES

COMBINATION PRINTER AND CASSETTE INTERFACE

149⁹⁵

Shown With
Pocket Computer
(not included)

- Prints Highly-Legible Type on Regular Paper
- Load and Store Programs on Cassette Tape
- Fits Easily in a Corner of Your Briefcase
- Comes Complete with Batteries and Charger

Now you can get a hard copy printout from your TRS-80 Pocket Computer! This affordable, dot-matrix impact printer is so compact, you can take it with you wherever you go, whether you're travelling, attending meetings, working out in the field — anywhere you need on-the-spot data. Just slip your Pocket Computer into the recessed port, and you're ready to print or list 16 characters per line at one line per second. Long programme lines automatically "wrap around" to the next line.

If you write your own programmes, a printed listing of the programme is a real help in developing and debugging software. The printer uses inexpensive rolls of 1 3/4" wide cash-register-type paper and an inexpensive long-life ribbon. Printing is approximately one line per second, and you can print about 8,000 lines on one battery charge.

But that's not all. We've combined a cassette interface in the same portable unit! The cable is provided to connect a standard audio cassette recorder like our recommended Minisette-9. The recorder lets you save and load Pocket Computer programmes and data on inexpensive cassette tapes.

With the Printer/Cassette Interface and a cassette recorder, your Pocket Computer becomes a complete, portable, and highly versatile computer system.



Controls include paper advance, power on/off, print on/off, and remote (for keying recorder "remote" jack). Also a "low battery" indicator.

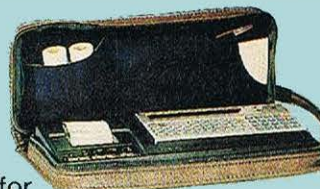
Comes complete with rechargeable batteries and a AC adapter/charger — Prints about 8,000 lines per battery charge. Also includes three rolls of paper, easily replaceable ribbon cartridge, cassette cable and manual. 4.4x28.2x9.5 cm (with Pocket Computer installed). 269-3505 149.95

Specifications

Printer: 5x7 Dot-Matrix Impact Printing. *Printing Capacity:* 16 Columns Per Line with Automatic Wraparound. *Print (and Paper Advance) Speed:* Approximately One Line Per Second. *Paper:* Tandy Catalogue No. 269-3506. 1 25/32" Wide, 31/32" Diameter (Maximum). *Power Source:* Built-In Rechargeable Ni-Cad Battery. *Battery Capacity:* Approx. 8,000 Printed Lines — Charging Time Approx. 15 Hours. *Power Consumption:* 4.8V, 1.84W (DC) Charger/Adapter Included. *Weight:* 0.40 kg. *Accessories:* 3 Rolls of Paper, Ribbon Cartridge, Cassette Connection Cable.

Take your Pocket Computer and accessories anywhere in this padded vinyl case.

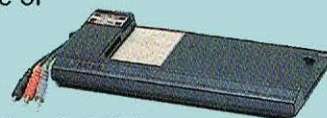
For complete system portability, use one for the Pocket Computer and interface and one for the Minisette-9 cassette recorder. Pockets hold extra paper, pen, reference cards. 269-3508 21.95



New Low Cost on Cassette Interface

Connects your Pocket Computer to a cassette recorder for programme or data storage.

Includes cable with plugs for the Minisette-9 and other compatible recorders. Requires 3 "A" batteries. 2.2x20.9x8.8 cm. 269-3503 39.95



Our Recommended Compact Minisette#9 Recorder

Save and load your own programmes on cassette with the portable Minisette-9 recorder. Features Auto-Stop, tape counter, LED record mode/battery condition indicator, AC and DC adapter jacks, more.

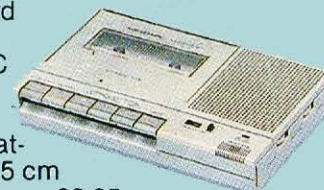
Requires 4 "AA" batteries. 3.3x18.2x11.5 cm 14-812 89.95
AC Adapter 14-9521 7.95

Extra Printer Paper

For Pocket Computer Printer. 269-3506 6-Pack/2.95

Replacement Printer Ribbon

Spare fits easily in printer case. 269-3507 3.75



READY-TO-RUN TRS-80 POCKET COMPUTER SOFTWARE



Civil Engineering

A valuable "on-site assistant". Includes Simple Beam Computations, Column Buckling, ASIC Column Formulas, Stress in Cylinders and Bolt Torque, Vector Computations, more. 269-3511 39.95



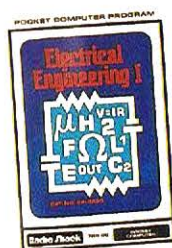
Aviation

A complete flight management system! Calculates altitude, airspeed, headings, Mach number, off-course correction and drift angles, more. Ideal as replacement or double check of sliderule computers. 269-3513 39.95



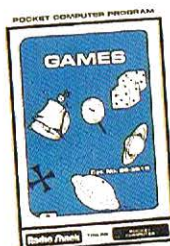
Real Estate

Especially created for the real estate investor and agent. This package includes: annuities, compound interest, depreciation calculations, cash flow analysis and residential purchase analysis. 269-3510 39.95



Electrical Engineering I

Includes low and high pass, active and passive filter design, complex impedance calculator, LF transistor amplifier designs, linear equations solutions, tables and calculations for RF coil design, more. 269-3520 39.95



Games Pack I

Fast-paced fun you can enjoy just about anywhere! Includes Cannibals and Missionaries, NIM for two players, Space Ship Landing, Treasure Hunt, Craps, more. 269-3515 29.95



Business Finance

A great helper in decision-making! Includes loans, annuities, bond price, yield, compound interest, depreciation, days and dates, internal rate of return, future value and much more. 269-3517 36.95



Surveying

Enables the surveyor to convert field measurements into final property boundaries. Includes leveling, volume, irregular area, closure, more. Modules include TAPE LEVEL, TRAP, CLOSE, CONVERT, DISP. 269-3512 49.95



Games II

More fun for the family. Includes Missile, Blackjack, Baccarat, Bandit (Las Vegas Slot Machine game), Aceyducey, Numguess, Pokeslot (Poker Slot Machine Game) and Craps. 269-3523 29.95



Personal Finance

A real timesaver that helps you manage the financial details of your household. Programmes include Budget Management, Electronic Chequebook, Interest/Annuities, Metric/English Converter. 269-3518 36.95



Business Statistics

Ideal for business, marketing, and sales decisions. Includes seasonal variation, normal T/F distributions, descriptive statistics, forecasting, multiple regression, more. 269-3516 36.95



Math Drill

Designed for children in the primary grades. Teaches basic math skills through examples and repetition. Four levels of difficulty are provided, as are a math table display and test. 269-3514 29.95

TANDY HAS SALES CAREER OPPORTUNITIES FOR YOU



Tandy Electronics is the world's market leader in retail electronics and computer marketing. Our success is largely due to the people who make up our sales and management team, all of them enjoying the many challenges and rewards of a career in Retail Management.

You too can become a part of our team if you possess experience and enthusiasm with a strong desire to succeed. We have opportunities for Manager Trainees and Computer Marketing Representatives in many of our existing locations throughout Australia, with more becoming available as we open new outlets.

Computer Marketing Representatives

A CMR is part of a professional sales team working from one of our specialist computer centres under the guidance of an experienced centre manager. We are therefore looking for professionals, people who have both experience and proven track record in Sales. A knowledge of computers is helpful but not essential provided you can display professional sales skills. We can supplement your existing talents with our intensive and continuous training programme.

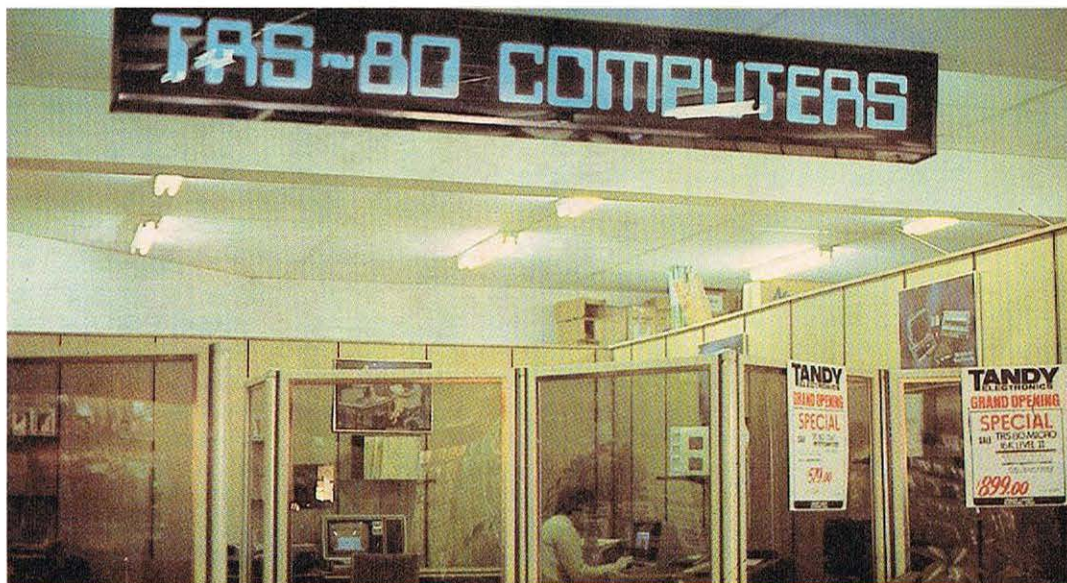
We are prepared to negotiate an attractive salary/commission package pursuant with experience and qualifications which will result in excellent earning potential.

This is a career position with scope for advancement to higher management levels. As a CMR, you will be marketing the products you see in this catalogue, the biggest selling microcomputer range in the world.

Store Manager Trainees

Managing a full line Tandy Store is an exciting and challenging position which you can enjoy after an initial training period. At Tandy, we promote from within and share our success with those who contribute to it, providing both high return and career advancement for successful business managers.

We are looking for people who have previous retail or management experience with a record of security and stability. Managers receive a salary and bonus based on the profits of their store, a unique incentive programme which can be fully realised by the keen efficient business manager.



Applications and Enquiries

To apply or make further enquiries regarding a career with Tandy Electronics phone or write to:

Mr. Neil Soullier,
National Personnel Manager,
Tandy Corporation (Australian Branch),
P.O. Box 229,
Rydalmere, N.S.W. 2116,
Telephone: (02) 638 6633

COMPUTER COURSES AT A TANDY COMPUTER CENTRE



Our Tandy Computer Centres comprise a Computer Retail Division, staffed by the Computer Centre Manager, trained receptionist and Computer Marketing representatives, incorporating a classroom consisting of an average of 16 computer systems.

These classrooms are controlled by a highly skilled educator who teaches groups from all walks of life the techniques of computer programming. Each person receives "hands on" experience.

Please enquire at your local Computer Centre to enrol at one of these informative classes. Begin with the "BASICS" and let your newly discovered skill lead you to a brighter future, or simply enjoy your new-found knowledge at home.

Computer departments are situated in some of our normal retail stores and they carry the complete range of our TRS-80 merchandise. They are staffed by a Computer Marketing representative who is conversant in all aspects of our TRS-80 equipment.

COMPUTER CENTRES

Sydney City	
81 York Street	29 3958
Crows Nest 1st Floor,	
12-14 Falcon Street	438 2900
Rydalmere	
267 Victoria Road	638 7055
Brisbane Mayne	52 2091
131 Abbotsford Road	52 1685
Canberra Shop 1,	
Caga Centre, 38 Akuna Street	382 1900
Melbourne City	
284 Bourke Street	663 3093
Melbourne, Camberwell*	
662 Burke Road	82 7230
Perth*	
208 Beaufort Street	328 4122
Perth	
Subiaco, 169 Rokeby Road	382 1900
Adelaide	
88-90 Gawler Place	223 2300

COMPUTER DEPARTMENTS

NSW:

401 High Street, Penrith. (047) 31 6064
 42W Imperial Centre, Mann Street, Gosford.
 (043) 24 3392
 2B Burdett Street, Hornsby. 477 1673
 788 Hunter Street West, Newcastle.
 (049) 69 2207
 Shop 30, Crown Centre, 200 Crown Street,
 Wollongong. (042) 28 4413
 Fountain Court Level, Miranda Fair, Miranda.
 (02) 525 3350
 Macquarie Centre, Herring Road, North Ryde.
 (02) 887 1714

QLD:

Shop 124, Indooroopilly Shoppingtown,
 Indooroopilly. (07) 378 8674
 Shop 17, Chermside Shopping Centre,
 Chermside. (07) 59 4580
 381 Adelaide Street, Brisbane. (07) 229 5133
 Shop 4, 1961 Logan Road, Upper Mt. Gravatt.
 (07) 343 5798

TAS:

123 Liverpool Street, Hobart. (022) 31 0250

VIC:

Shop 2, Cnr. Beach and Olsen Streets,
 Frankston. (03) 781 1049
 12 McCrae Street, Dandenong. (03) 793 4777
 Shop 3, Highpoint Shopping Centre,
 Maribyrnong. (03) 318 5077
 Shop 73, Greensborough Shopping
 Greensborough. (03) 434 5022
 171-181 Moorabool Street,
 Geelong. (052) 98731

* These Computer Centres do not have classrooms

For more information on classrooms and
 Tandy's educational products turn to page 16.

Tandy Has What it Takes to be Your Computer Company

AVAILABILITY! The complete line of TRS-80 business computers and accessories is available at over 400 Computer Centres and selected Tandy stores. In addition, over 8000 Tandy stores and dealers worldwide stock our "popular priced" TRS-80 products.

COMPUTER CENTRES. Ten Computer Centres and 18 Computer Departments Australiawide, staffed by professionals who can help you select the products you need.

TRAINING! Computer Centres offer a variety of classes for everyone from beginners to advanced programmers.

SOFTWARE! Tandy has a library of ready-to-programmes that let you put your TRS-80 to work immediately — even if you've never operated a computer before. More programmes are available for TRS-80s than any other personal computer in the world!

EXPANDABILITY! TRS-80 computers have been designed with the future in mind. You can expand your system as your requirements change and grow — and you never have to buy "more computer than you need".

SERVICE! Company-operated repair centres nationwide service only *our* computers. Tandy also offers "In Shop", and "On-Site" service agreements in most areas.

TRS-80 NEWSLETTER! This regular publication is packed with operating tips, product news and tutorials, plus programmes and ideas from TRS-80 users.

TOLL-FREE HOTLINE! Help is just a phone call away. The experts in our Computer Services Department will assist you with any TRS-80 related question you might have — phone (008) 22 6366.

Make Tandy *your* computer company!

There's a Tandy Store, Computer Centre
or Authorized Dealer Near You!

Tandy

ELECTRONICS

The biggest name in little computers™

A DIVISION OF TANDY CORPORATION • RYDALMERE • NSW 2116
OVER 8100 LOCATIONS WORLDWIDE

Prices shown in this catalogue may vary at individual dealer stores

