# THE EVERYTHING BOOK For The Texas Instrument Home Computer TI 99/4A

FALL 1988 \$2.95

### SPECIAL

Upgrade Options See Page 1

NEW

Exciting Action Games from Databiotics See Page 12

ACCESS

The Hard Disk Difference See Page 6





SPECIAL UP GRADE ISSUE



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# **Our Best Value Ever!**

By virtue of its dual interface, this printer is compatible with dozens of computers. See page 30 for all the details. 71634 Okidata 180 Printer \$224.95

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# Upgrades



### **Dear TI Owner:**

Welcome to our Special Upgrade Issue of the Everything Book for the TI Home Computer.

In the six years since the TI 99/4A was introduced, personal computing has changed tremendously. Graphics, software, memory, and virtually every other area have been constantly evolving and improving. Our objective in this special issue is to show you how to bring your computer system up to date in a way that meets your needs best.

We have included solutions that are compatible with your TI 99/4A, as well as other solutions which, while not TI compatible, may be most appropriate for some families. We've tried to include enough information for you to make an informed decision, but of course, if you have a question before making a purchase, please call our friendly, well-trained customer service people.

We've recently further expanded our computer system and warehouse shipping system to make our service even better. Our new systems are absolutely state of the art; if you liked our service before, you'll find it even faster and more efficient now. Of course, our prices remain the lowest in the business.

IBM COMPATIBILITY **TENEX TURBO** See page 6



EXPLORE UPGRADE PATHS

ENHANCED GRAPHICS AMIGA 500 See page 8

Why do we keep investing in improving our business? Why do we have such low prices? Because we want to be your computer companyl

Roger B. Dooley President



**Fast Delivery To** Your Home

**Use Your Charge** Card At No **Extra Charge** 





Increases your productivity, improve compatibility or just have more fun!





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COR-COMP

See page 4

SYSTEM

MICRO-EXPANSION

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INCREASED PRODUCTIVITY

**MYARC HARD DISK SYSTEM** See page 2

# Myarc



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### UPGRADE UPGRADE UPGRADE

### **MYARC HARD DISK SYSTEM**

**ADVANTAGES:** 

- Much faster loading and saving of programs and files
- Compatible with both 99/4A and Geneve 9640

Accommodates large data files

Eliminates most floppy disk handling

Allows logical organization of disk files.

If you are currently the owner of a TI 99/4A with an expansion box who has become frustrated by slow loading and saving of disk files, tired of floppy swapping, and is looking for a better solution to data storage than a desk full of disks, check out the Myarc Hard and Floppy Disk Controller. It will let you store data on super fast hard disk drives with storage capacity you only dreamed of in the past. A 20 megabyte disk drive, for instance, will hold as much as 220 original TI floppy disksl

One more note: all the hard drives sold by TENEX for TI use are compatible with IBM computers, the TENEX Turbo, and IBM compatible computers. So even if you eventually switch to IBM compatibility, you will be able to recover a portion of your TI investment.

### Supercharge Your TI With **512K Of RAM Plus Extended Basic Level IV**

 RAM Disk • Print Spooler • Dozens Of New Commands

### Actually Makes Your TI Much Faster!

SPECIAL PACKAGE: 512K CARD. Step up to big-time personal computing with this powerful card for your expansion box! In addition to giving you bankswitched access to 32K blocks of memory, this exciting card includes (at no extra chargel) RAM disk and print spooler routines built-init Imagine storing your programs of files in memory and being able to load them instantly! A fantastic productivity aid for users of TI-Writer or similar programs where one must switch programs or files frequently! The print spooler lets you "print" at high speed directly to memory — great for downloading files or text.

42231 Myarc 512K Card with	Ext. BASIC Level IV
42245 Myarc 512K Card	

\$339.95 \$289.95

### Rated "A" by MICROpendium

**EXTENDED BASIC LEVEL IV.** Executes up to 3 times faster than 71 Extended BASIC — makes your TI 99/4A as fast as an IBM PC. Features include 40 character display mode, windowing, high resolution graphics and many new commands including DRAW, FILL, CIRCLE, etc. Requires Myarc 256K or 512K card, and disk drive.

38179 Myarc Extended BASIC II

\$69.95

POWER PAK. Want to keep the memory in your 128K card there when you turn off your expansion system and computer? Just connect this handy power pack to the jack provided on the card. (Caution: Not for archival data storage). 38107 Power Pak



"It was worth the wait."

### - John Koloen, Editor Micropendium.

MYARC HARD AND FLOPPY DISK CONTROLLER. At last, here's the peripheral that TI should have produced but never did. For years, TI owners have struggled to get more storage capacity than TI's original 90K floppy disk drive. First, they upgraded to double-sided, and then to double-density floppy drives - an improvement, but nothing compared to hard disk speed and power.

Imagine being able to store all your software and files on one disk that's built right into your computer. Imagine retrieving these files with blinding speed (the only thing faster is the computer's own RAM memory). Imagine organizing your files into convenient directories for easy retrieval. Well, imagine no more - now you can own your own TI compatible hard disk system.

If you already own an expansion box, there is no other upgrade that you'll find as productive as a hard disk system. Don't just take our word for it --- if you have a friend with another computer who uses a hard drive, ask them if they would go back to just floppy drives again. We'll bet they say, "Not onyour life!" Once you start using a hard disk, you'll be totally spoiled by the speed and convenience. The Myarc hard and floppy disk controller will handle up to three hard disk drives and four floppies, plus an optional tape backup. Compatible with TI 99/4A and Geneve 9640. Great for everything from game collections to business and productivity applications. 65341 Myarc Hard and Floppy Disk Controller \$299.95



Disk Manager on Diski

DISK CONTROLLER. Each card comes with a disk-based disk manager. The card will control from 1 to 4 floppy disk drives; each drive can be single or double-sided and single or double-density. To connect 2 half-height disk drives inside the expansion box, purchase cable assembly #31045. (See page 34.) \$169.00

32972 Disk Controller

# Interface Card **RS-232 Card**



Features 1 parallel and 2 serial ports (requires Y cable #10069 on page 38 to access second serial port). Fits perfectly in TI Expansion Box. Extensive manual included. Sug. Retail \$120.00 32986 RS-232 Card

\$99.95

To maintain low user prices, Myarc is now shipping most expansion cards as "IBM-style" bare boards for direct insertion in your expansion box.

20 MEGABYTE DRIVE FOR EXTERNAL USE. This drive will increase your storage to more than 200 times the amount of an original TI floppy disk. Speedy 28 msec. access time, low power consumption, and automatic head parking. Requires External Hard Disk Box and Power Supply and Cables for External Hard Disk (below). (Note: while some users have successfully installed this drive in their expansion box, we recommend external installation to insure adequate power for the hard disk drive.) 65363 20 Meg. Hard Disk --- External \$359.95

HARD DISK BOX & POWER SUPPLY. For using a hard disk drive outside the expansion box.

65364 Hard Disk Box and Power Supply

\$149.95

EXTERNAL CABLES FOR HARD DISK. For connecting a hard disk (externall to the Myarc Disk Controller Card. 65374 External Cables for Hard Disk \$24.95

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Myarc 3



# MARC



**MYARC GENEVE 9640 COMPUTER.** If you are a serious TI 99/4A user who doesn't want to change computer formats but needs more power and speed, the Geneve 9640 is for you. First, it runs virtually all existing TI 99/4A software, so you can continue to use all your old favorites. Software to convert your cartridges to disk format is included.

Second, the Geneve offers outstanding graphics and an 80 column display. My-Word, an 80 column TI-Writer look-alike is included, as is a patch to make your Microsoft Multiplan work in 80 columns. Just think — no more bouncing windows and meager 40 column display.

Third, the Geneve is fast! It runs your existing TI software up to five times faster



than your 4A.

The Geneve consists of a card for your expansion box (required) and a superb keyboard with separate function keys, cursor keys, etc. Once you convert your cartridges, you'll never have to use your old 4A keyboard or bulky "firehose" cable again. The Geneve is compatible with your existing disk controller card and RS-232 card. Displays supported are composite (marginal for 80 columns), hi res monochrome, and analog RGB.

65741 Myarc Geneve Computer/Enhanced Keyboard

\$489.95

### My-Art Software And Mouse For Geneve 9640

MY-ART DRAWING SOFTWARE AND MOUSE. One of the biggest reasons to buy a Geneve 9640 computer is its graphics capability here's one of the best ways to access that impressive capability. My-Art is a very fast, very powerful drawing program that enables you to create high quality, high resolution artwork. All the commands you would expect to find in a high quality drawing program, like fill, box, circle, line, magnify, etc. are here. The package also includes a high quality mouse for fast, smooth input. Requires Geneve 9640 Computer System.

Sug. Retail \$135.00 73939 Art & Mouse, Geneve Disk \$119.95



### **My-Art Coloring Book**

MY-ART COLORING BOOK. Generate beautiful, high-resolution pictures on the Myarc Geneve. It's use of the mouse makes it ideal for young children to experiment with art. The My-Art Coloring Book takes this one step further with a collection of detailed drawings which may be filled in with color, modified or printed out. Requires a Myarc Geneve 9640, My-Art with Myarc Mouse. From Asgard Software. Sug. Retail \$9.95 80132 TI, Disk \$9.95



# **Speech For Geneve From Rave 99**

SPEECH ADAPTER CARD. Finally, there's a low cost method to move your T-





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# 4 CorComp



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### CORCOMP MICRO-EXPANSION SYSTEM

### **ADVANTAGES:**

Complete TI 99/4A Compatibility Plugs Directly into TI 99/4A Side Port Includes Disk Drive, 32K Memory, plus printer and Modem Ports Much Smaller and Quieter than Ti

### Expansion Box

If you have a TI 99/4A Console, and want to be able to use more powerful disk-based software, this is the way to go. With this one compact package, you'll get a floppy disk drive, including controller, power supply, housing, and cables; a 32K memory expansion, a necessity for most advanced software packages; a parallel printer port, which will let you connect virtually any printer on the market today; and a serial port, which can be used to connect a standard modem for communication with other computers, online services, data-bases, bulletin boards, etc.

### **512K Memory Plus**

- Use with TI PE-Box!
- Super-size RAM disk for lightning quick program and data retrievall
- Power supply keeps data in memory even if computer is turned off!



**512K MEMORY PLUS CARD.** If you want to install more memory in your TI Peripheral Expansion Box, use the powerful 512K Memory Plus card from Cor-Comp. The Memory Plus card has its own power supply so that your data and programs stay there even if you turn the computer off. The RAM disk, which acts exactly like a floppy disk except that it allows nearly instantaneous retrieval of data and programs (great for TI-Writer or Multiplan), can be selected as DSK 1, 2, 3, 4, or 5. Your existing 32K card must be removed to install your new Memory Plus card. Total memory on line will be 512K (with 480K available for RAM disk, etc.) Solve your memory problems today!

**41065** 512K Memory Plus Card with Power Supply Prices may vary dependent upon component availability.

\$349.95

\$299.95



Users who have become used to the TI 99/4A and who do not wish to convert to another machine should consider the CorComp Micro-Expansion System as an ideal way to simultaneously add disk capability, expand memory, and add both printer and modem ports.



 CorComp 9900 Micro-Expansion System: —Parallel Printer Port — RS 232 Port —32K Memory Expansion —DS, DD Disk Controller • Half-Height Disk Drive • Disk Drive/Cable Package • External Box with Power Supply • Filler Plate 9900 Micro-EXPANSION SYSTEM. Have you ever been jealous of

your friends who spent thousands of dollars on "full-blown" computer systems while you remained loyal to your TI 99/4A console and cassette recorder?

Now you can move up to the "big league" for only \$459.95! This high performance expansion system package offers you a powerful, flexible, affordable way to expand your TI 99/4A!

The compact CorComp 9900 Micro-Expansion System unit plugs into the side port of your console and contains an RS-232 Interface (allowing hook-up of printer and/or modem); a 32K memory expansion; and a disk con-

- Compact
- Quiet
- Powerful



**CORCOMP EXPANSION COMPONENTS.** An economical way to expand the versatility of your TI 99/4A home computer. This unit (about the size of 2 Speech Synthesizers) plugs directly into the side port of the computer and eliminates the need for a large expansion box.

### The system is available in the following configurations:

•STAND-ALONE RS-232 INTERFACE. Get started! Provides 2 serial ports and 1 parallel port for connecting printers, plotters and modems. 29784 Stand-Alone RS-232 Interface \$127.00

\*MICRO-EXPANSION SYSTEM — Complete! SAVE! The RS-232 Interface with 32K memory and disk controller card (supporting double-sided, double-density) installed. Up to 360K of storage per disk!

**29802** Micro-Expansion System All configurations offer 120 day manufacturer's warranty.



troller card with Disk Manager on diskette capable of formatting **doubleilded.** double-density diskettes (this card earned straight "A's" in a review by *MICROpendium*). Add a half-height disk drive that offers up to 360K of storage when used to its full double-sided, double-density potential, a box and power supply containing room for a second half-height disk drive (our package includes a filler plate to cover this extra opening until you expand to a second drive), and the disk drive Y cable package (pintype) to hook your drive up properly ..., and you have a complete computer system that will rival systems costing much, much morel **33655** 9900 Micro-Expansion System **ONLY \$459.95** 



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# Triple Tech Clock/Calendari Printer Bufferi THidden" Speechi Disk Controller Card Disk Controller Disk Controller Disk Controller

900 DISK CONTROLLER CARD. Fits in the TI Peripheral Expansion Box. Con-

**TRIPLE TECH.** An exciting multifunction board from CorComp that plugs into your expansion box! The **Clock/Calendar** lets you access YEAR, MONTH, DATE, DAY, HOURS, MINUTES, and SECONDS easily from BASIC or Extended BASIC. A great feature for bulletin board systems, time management, and hobby applications. The **Printer Buffer** is compatible with almost all printers and requires **no** user modification of software. It holds up to 64K of output and features a copy function for immediate duplication or print-out. "Clear" function also included.

The **Speech Synthesizer Connection** lets you remove your **TI** speech synthesizer from the side of the computer and hide it in your expansion box! All speech functions are unchanged, but your computer is now neater and narrower!

Any of these functions are a value — to get all 3 in 1 economical package is the best deal of the yearl Order now.

34643 Triple Tech

SALEI \$129,95

trols up to **FOUR double-sided, double-density** disk drives and allows mixing any combination of drives; half-height or full-height, single-sided, single-density, double-sided, double-density. Loads files 2-4 times faster than with the TI disk controller. The Disk Manager program is **included** on diskette and provides many enhancements such as allowing you to Load and Run Assembly Language programs without using the Editor/Assembler module. Other additional commands: CALL PEEK, CALL POKE, CALL PEEKV, CALL POKEV, CALL MGR, CALL EXEC, CALL MOVEM. The card also has a provision for setting the head seek times for all 4 drives, allowing use of some of the faster disk drives on the market. Allows sophisticated features, yet is very simple to use. 120 day manufacturer's warranty. Requires cable assembly #30751 listed below for hooking up to one internal drive (inside peripheral expansion box,) #31045 for 2 drives. Requires 32K to use disk manager software.

**29770** Disk Controller Card **30751** One Drive Cable-Pin Type (see page 35) **31045** Y Cable Package-Pin Type (see page 35) ). Retail \$219.95 \$149.95 \$16.95 \$29.95

### Added Power Now Available All CorComp MEMORY PLUS PRODUCTS

Now Come Enhanced With 3.0 Version RAM Disk Managerl

Simplifies File Manipulation
 Fewer Screen Options
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Don't Miss This Exciting New Utilityi Easily Convert TI Files to IBM Format

### Serial and Parallel Interfaces

8995



32K Memory Expansion

9995

MEMORY EXPANSION. Expand your 99/4A's memory to a full 48K with this high quality memory expansion from CorCompl Now you can use word processing or spreadsheet software that won't run in the console's 16K, as well as write your own software to tap the greater potential of the expanded memory. Like CorComp''s RS-232 card, this 32K memory fits perfectly in the TI Expansion Box and features heavy duty metal housing. Totally compatible with TI and independent software requiring 32K. 120 day manufacturer's warranty. Sug. Retail \$139.95 13315 32K Memory Expansion Only \$99.95



**RS-232 CARD.** Fits perfectly in your TI Expansion Box to provide printer, modem, or other communications capabilities. Like the original from TI, this Cor-Comp RS-232 card offers both parallel (1) and serial (2) interfaces. The serial port may be split into 2 ports by using a "Y" cable (#10069 on page 38) allowing simultaneous use of 2 serial devices. 120 day manufacturer's warranty. Sug. Retail \$117.95 13300 RS-232 Card Only \$89.95

# 6 IBM Compatible



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- #1 in business applications for easy work
  portability

A few years ago, the IBM Personal Computer had racked up impressive numbers of business installations but had not done particularly well as a home computer. All that has changed. The introduction of low priced IBM compatible computers like the TENEX Turbo made it easy for busy professionals to have a computer at home and, instead of dragging a portable computer home from the office, just bring home a disk or two for evening or weekend work. This influx of IBM compatibles didn't go unnoticed by the software companies, either. Now, virtually every maker of entertainment and education software has a full line of IBM products. The TENEX Turbo is an ideal choice for users who want to be able to accommodate a variety of uses by all family members, and want to be assured of continued availability of an enormous selection of software.



Shown with optional amber monitor.

Designed and built by your TENEX technicians, this is the most full-featured, best performing, and lowest priced IBM compatible computer you will find anywhere! Compare these features:

- 2.1 times faster than IBM's PC/XTI
- Full 640K RAM installed on motherboard!
- One 360K double-sided double-density floppy disk drivel
- Parallel printer portl
- AT style case with lighted indicators and turbo/reset switchs.
- Serial port for modem or serial printer!
- Color graphic card for RGB color monitor! OR monochrome graphics card for monochrome monitor!
- Real-time calendar clock!



Completely compatible with IBM's AT, but can operate at either 8 or 10 MHzl Comes complete with all this: 640K RAM (expandable to 1 Meg. on motherboard), clock/calendar with lithium battery, one 1.2 Meg. ½ height floppy drive, parallel printer port, color graphic OR monochrome graphic monitor adapter, and AT style keyboard. Full-sized metal AT style case with key lock and indicator lights, and 200 watt power supply. You have to try our machines to truly believe the quality, performance and true compatibility.

Color card is compatible with RGB color monitors (IBM's CGA standard). Monochrome card is compatible with TTL monochrome monitors. All support Lotus graphics. For the ultimate in color resolution, consider the great enhanced graphics adapter (EGA) systems listed on opposite page.

K74880 Turbo 286, Mono System	\$995.00
K74894 Turbo 286, Color System	\$995.00
Please add an additional \$15.00 to our regular shipping charges.)	

Shown with optional amber monitor.

- Joystick and lightpen portl
- Controller for second disk drivel

\$249.95

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- Guaranteed Lotus 1-2-3 compatibility!
- Terrific new IBM-AT style keyboardi
- FCC certified and legal BIOSI
- Full 1 Year Warranty Plus the TENEX Satisfaction Guarantee!

For this breakthrough price, you have a complete system with **more** computing power than the IBM PC/XTI Take your system out of the box, plug it in, connect your monitor and printer . . . and off you go. Run Lotus I-2-3, dBASE III, Wordstar, Flight Simulator, and the thousands of other PC software products. Full-size metal chassis gives you 8 expansion card slots **and** room and power cables for 4 halfheight disk drives.

You choose the speed of calculation: standard 4.77 MHz or 10 MHz. Zoom through programs 1.6 times faster than the IBM PC/XT (Norton benchmark).

The detachable keyboard mirrors the famous IBM AT in looks, quality, and feel. Features 10 function keys, numeric keypad, extra large shift and return keys, and lighted indicators for scroll, caps, and number lock.

Your TENEX Turbo PC/XT will accept IBM compatible components, giving you flexibility in expanding your system and security in the event repair is needed. And remember your TENEX technical staff services what we sell!

No corners have been cut in producing this incredible system for this amazing price . . . we just used our same purchasing power and Ph.D. technical staff we use to bring you the other terrific products found in our catalogs. Note: an IBM compatible disk operating system (DOS) is required. Use your own or choose the one listed on this page.

K74864	Turbo PC/XT Plus, Mono System	\$ 595.00
K74875	Turbo PC/XT Plus, Color System	\$ 595.00

(Please include an additional \$10.00 to our regular shipping charges.)

MICROSOFT MS-DOS 3.3 This is Microsoft's latest operating system that is compatible with both floppy and hard disks. So if you need DOS for your new Turbo, look no farther. Also included at no extra cost is GW-BASIC. Includes all documentation. 74297 MS-DOS 3.3

### **The Hard Disk Difference**

With a hard disk system, gone will be the endless disk shuffles. Load and run your software in seconds without floppies. Save your data the same way. A must for the intensive computer user and sure to spoil the rest of us. You have (almost) instant and effortless access to 2,000K (20Meg) or more of storage. Compare this to 360K on the normal double-sided doubledensity floppy and you can see why hard disks are so popular. when you order together with a TENEX IBM compatible computer.

20 MEGABYTE HARD DISK (FOR TURBO 286 OR OTHER AT COMPATIBLES). Internally mounted 20 Meg. Seagate hard disk for the AT and compatibles.



With TENEX's incredibly low prices, you can enjoy the speed and convenience of the best hard disk systems! Remember, free installation and testing 67771 20 Meg. for AT

20 MEGABYTE HARD DISK SYSTEM (FOR PC/XT). The Famous Seagate ST225 internal hard disk system. Complete with controller card and cables. K67345 20 Meg. System \$279.95

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Since its introduction several years ago, the Amiga has become a very popular computer both in homes and businesses. Initially, its appeal was its unbelievable graphics and sound capability; one must actually see and hear the Amiga to fully appreciate how it surpasses other PC's. The technical capabilities of the Amiga drew the interest of software developers, who began to create entertainment, education, and productivity titles unequalled on other machines. Today, virtually every major developer of home software is creating Amiga products; even business mainstays like WordPerfect (maker of the #1 bestselling word processor for the IBM PC) are supporting the Amiga.



# Amiga For Video



Many people expect Desktop Video to be one of the next major computer applications. What is desktop video? Simply, it is the ability to use a computer to process images from one or more video sources — for example, a video camera or a VCR and record those on tape. Some of the simplest 'effects are recording computer generated titles or graphics on recorded video material. Other, more sophisticated possibilities include computer generated animation, interactive video for education and training, modification or enhancement of video images, etc.

Whether your video interest is purely a hobby or potentially a business, the Amiga is the machine of choice. Its ability to display 4096 colors at one time, its interlaced video, and real time animation (a result of its custom "blitterchip"), and overscan capability are all designed for high performance video work. Many exciting hardware and software options are available that make the Amiga the equivalent of professional video systems costing many times as much. In fact, TV stations, ad agencies, and film production companies have widely adopted the Amiga as a powerful but inexpensive source of video images.



Game experts agree: no computer can match the selection or quality of games that run on the Amiga. The combination of high resolution color graphics and stereo sound make the Amiga the ultimate game machine, and software developers have taken advantage of these to create games with incredible realism and special effects. Now many developers launch their new games first on Amiga because they want the best sound and graphics to be what both software reviewers and consumers see first. Whether your taste is for flight stimulation, dungeon adventures, military strategy, or space shoot-em-ups, the Amiga has — simply put — the best quality of any machine on the market. Software for the Amiga is widely available, too either at your favorite computer store, or, of course, direct from TENEX Computer Express.

Because of its color graphics capability, the Amiga is also being used extensively in several key applications: desktop publishing, video titling, and computer animation. Software and hardware products are available in each of these areas to fit both home applications as well as the most sophisticated commercial jobs.

We recommend the Amiga 500 for home use and first-time buyers. The Amiga 500 represents a fabulous value, and will run all Amiga software. The Amiga 2000, which features expansion capability for add-on cards, is recommended primarily for business installations or "power users" who need additional features, such as optional IBM compatibility or hard disk drives.



### **Amiga For Desktop Publishing**

When the Macintosh was first introduced, it created a revolution in printing by offering "What You See Is What You Get" (WYSIWYG) word processing and publishing software. For the first time, users could make changes in type size and style, add graphic elements, etc. and actually see, instantly, how those changes would look on the printed document. Like the Macintosh, the Amiga uses a graphics oriented Motorola microprocessor chip for its "brain," and is designed to accommodate WYSIWYG processing, icons, pull-down menus, etc. Unlike many Macintosh models, however, the Amiga offers a full color environment for its software. This makes everything from "paint" programs, publishing programs, to image processors far more versatile and powerful. In fact, the Amiga is the first machine to allow color separation film to be created directly by the computer instead of conventional color separation and film processing. Even though the Amiga may outstrip the Macintosh in some publishing applications, its price remains far below that of black and white Macs with no color capability at all.



### **Amiga For Business**



When the Amiga was first introduced, some computer industry wags, after seeing the impressive graphics and sound, thought the Amiga would become "just" a home computer, with the emphasis on entertainment. The so-called experts have been proven wrong on all counts, as business and productivity applications have been developed that offer the power of IBM compatible software with the ease of use normally associated with the Macintosh. These titles include well known products like WordPerfect (the #1 word processor on the IBM PCI), Professional Page, Excellence, and more.

In addition to its own superb programming, the Amiga 2000 will also run many IBM compatible business programs without modification. With the addition of the optional Bridgecard, which includes a 51/411 disk drive, full IBM compatibility is achieved. While most users will want to use applications designed specifically for the Amiga which take advantage of its unique capabilities, the ability to run IBM software is ideal for bringing work home from the office or any other application where IBM compatibility is a must.



For most personal computers, the promise of multitasking (the ability to do more than one thing at the same time) has been just that — a promise. The Amiga is the only personal computer to deliver true multitasking. For example, you could actually be sorting a large database in one window while writing a letter in another window. With the Amiga 2000 (see IBM compatibility details above) you can even run an IBM application simultaneously with an Amiga application — try that on any other computer!

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Amiga

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**TENEX CHRISTMAS SPECIAL — HOME STARTER PACKAGE.** This limited quantity special offer will be the best Christmas present your family ever had. Here's how it works: We made a special buy on five of the most popular home software titles — everything you need to start using your Amiga 500 right away — and are making them available in a single low cost package. And when you buy an Amiga 500, a 10845 Monitor, and this special package, we'll include a national brand VCR absolutely free! The software in this package includes:

Text Craft Plus: High quality word processor TV Text: Video Title Generator; fonts, shadows, 3D effects & more

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The normal retail price of this software is \$450, and for the VCR is \$399. That's an \$849 total value, for the incredible low price of just \$2991 But hurry ---- when our supply of this special offer is gone, it will be gone for good. So don't be disappointed — order now, and let your family have its best Christmas everl 80514 Home Starter Pkg. (Sug. Retail \$450) \$299.00 80528 Deluxe Video Cassette Recorder (Sug. Retail \$399) FREE\* (\* with purchase of Amiga 500, 1084S Monitor, and Home Starter Package.)

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### **Terminal Emulator II**

So many people are confused by the name of this cartridge, we prefer to call it the "Modem & Speech" cartridge. TE II includes communications software that lets you use a 300 baud modem, and also lets you write and use BASIC programs that allow the Speech Synthesizer to speak any word or sound.

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**TI** Specials



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# **TI-Writer and Multiplan**

MULTIPLAN/TI-WRITER ENHANCEMENTS. These public domain programs were released by TI to enhance the capabilities of TI-Writer and Multi-plan. TI-\* Writer features include true lower case characters, form feed suppression to avoid paper waste, and more. To use the Multiplan enhancement you will need the original Multiplan cartridge; the TI-Writer enhancement requires the original TI-Writer or OS-Writer (see page 27). \$5.95 34958 Disk



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### **Exciting Arcade** Adventures

BURGER BUILDER. If you believe that all fast food burgers are greasy, then test your skill and challenge this philosophy with Burger Builder, the "hot" new arcade game cartridge.

You become the short-order cook as you skillfully drop the fixin's onto buns, racing against time to make hamburgers and advance to the next level for more excitement. Another creation of Software Specialties. 80149 Cartridge

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MIDNIGHT MASON. It's the graveyard shift and your Midnight Mason is behind schedule. Just as he starts to repair a wall here come some pesky ghosts. Seems as though they were resting and all that heavy work woke them up. Ouickl the mason has to make a hole with his pickax to escape their clutches.

The racket wakes more ghosts from their slumber. The mason must pick up the tools and dash to another part of the building. Can you finish the graveyard shift? This adventure requires only a console. Joystick optional.

80150 Cartridge

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SPY'S DEMISE. Now in Cartridgel You were quietly sipping a double vodka martini (stirred, not shaken) with a twist of Persian lime peel in the lobby of the Bangkok Hilton when you overheard two KGB agents discussing an encoded message which was giving fits to their superiors. The message was the key to a fortune in valuable computer data .... "This begins the official TI version of Penguin Software's best selling game, SPY'S DEMISE. Your score is determined by how

fast you move. But, there's more ... at each of the 11 floors on a screen, part of a secret, encoded message is revealed. It takes a master code breaker to discover the cryptogram and break the code.

73819 Cartridge

Spy's Demise

\$17.95





ನ್ನು ಮತ್ತು ಕಾಶಿಸಿದ್ದಾ

38 P.







You control the "flippers" and launch balls. Sit back and enjoy the flashing lights and ringing bells as your pinball collides with obstacles and ricochets off posts in a kaledeiscope of colors. Be alert or you'll miss the chance to flip the ball back up the alley and pronounce yourself a Pinball Wizard! A creation of Software Specialties.

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RED BARON. At last a flight simulator in a module with full 3-D perspective and full acrobatic controll Experience the thrill of piloting your WWI Spad 13 Fighter into aerial combat. Select your flight plan, glance at your controls, ease back on the stick and watch the rolling French countryside drop away. Suddenly you are engaged in a dog fight. This 32K module screens a map to display your position with a keypress. Simulates the sounds and sights of aerial combat, and features colorful scenes of old France as seen from the air. Requires console, Joystick recommended.

80176 Cantridge

80192 Canridge

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TITOAD. The desert winds have caught you on the wrong side of the road. Unless you can hop to safety, the pebbly skin on your back will soon crack and peell Quickly but carefully you must leap over the busy highway and avoid being hit by speeding cars. Next you must jump from log to log to cross the creek. Be careful, the logs are all moving at different speeds! This super fun adventure requires quick fingers, and a console. Joysticks optional. 80182 Cartridge

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BEYOND PARSEC. Challenge yourself to outsmart and outmaneuver your opponent in this two-player sequel to the best-selling game ever produced by Texas instruments, Parsec. You'll face the most dangerous enemy you've ever encountered - one that is as intelligent as you are with a ship that is as fast as yours. Beyond Parsec features fast action and clever strategy that will keep you entertained for hours on end.

\$19.95

**PAR-FORE.** Either 1 or 2 players can enjoy this fantastic golf simulation from MWS. Features 18 different holes (cassette version has 9 holes] — you choose the club, the direction, and how hard to hit the ball. The computer displays your shot in realistic 3-D (the ball even has a shadow). Pin location on green is set randomly each time you play, so no 2 games are exactly the same. Now you can play golf no matter what it's like outsidel Requires Extended BASIC. Disk version requires 32K. Joysticks and speech synthesizer recommended.

		Sug. Retail \$19.95
	Cassette	\$17.95
41614	Disk	\$17.95

### **Old Favorites**

JUNKMAN JR. At last a Ti version of the climbing/jumping games that have been so popular on other computers! Junkman Jr. is a fat multiscreen game that will keep you playing for hours and hours. One of the best new games we've seen for TII Sug. Retail \$19.95 65116 Cartridge \$17.95

STAR RUNNER. You are a captive aboard the Starship Arcturus, which is laden with treasure plundered from your planet. Your mission is to recover the stolen booty from all 25 decksl Great music, sound effects, and color graphics. Available on disk as TI-Runner, page 14. Sug. Retail \$19.95 65519 Cartridge \$17.95

BLACKHOLE. An exciting space adventure with both players controlling a fleet of 6 ships. Try to avoid all the various extraterrestrial vehicles and the dreaded blackhole. Skill and coordination between players is the only method of. survival. Sug. Retail \$19.95 68639 Cartridge \$17.95 JUMPY. An arcade quality game you may enjoy more than OBERT<sup>TM</sup>. Purple and black monsters join forces in a relentless chase to catch you. Multiple screens and levels. Sug. Retail \$19.95 73494 Cartridge \$17.95



MICRO TENNIS. Enjoy the action, thrills and excitement of a professional tennis match. Simulated in dimensional perspective for realism, Micro Tennis can be played with one or two players or against the computer. With three levels of play difficulty, color-coded players and scoring, and a unique demo game, Micro Tennis is one of the best tennis simulations for the TI 99/4A. Requires console and joysticks. 80204 Cartridge \$19.95

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13 Entertainment



# Write Your Own **Adventure Program**



GAME PAK. Included in this package are the most popular games. You get QS-Solltaire written in 100% Assembly Language which makes it lightning fast, not to mention addictive. Match Mate is a memory test that's as much fun for adults as it is for kids. It's fast with beautiful graphics and can be played with 1 or 2 players. Lastly, Maze Maker is a real brain teaser as it prints mazes for you to solve. Each and every one is different and a new challenge. From Quality 99 Soft-Sug. Retail \$59.95 ware. Maze Maker requires printer. \$14.95 \$19.95

75902 Disk

### All The Color, Drama and **Excitement Of The T.V. Show!**

OS-WHEEL. Fabulous new game from QUALITY 99 SOFTWARE, based on the popular TV show "Wheel of Fortune." Great for parties, or many hours of fun by yourself. One to four players. Make up your own puzzles, or use the built-in ones. Fast, easy, colorful. Has all the features of the TV game. Requires 32K and Extended Sug. Retail \$19.95 BASIC.

ADVENTURE EDITOR. Here's an all new program which allows you to write your own adventure program. With this unique program, you can edit, alter, list and copy any existing adventure from any storage medium to any other storage medium. But, amazingly, you can also create new adventure games using a "template" game as a start-up step. Included in this package is a full screen editor and a 75 page manual. Requires Mini-Memory OR Editor-Assembler. Please specify Mini-Memory cassette or Editor/Assembler disk versions. Requires Adventure Module.

76286 Disk	\$29.95
76298 Cassette	\$ 29.95

TUNNELS OF DOOM EDITOR. Requires 32K Extended BASIC and Tunnel of Sug. Retail \$20.00 Doom Module. \$14.95 42142 Disk



### 73634 Disk

Sale Price \$9.95

### The Unknown **Awaits You**



DOOM GAMES 1. Doom Games 1 is not 1 but 4 exciting, new adventures. Each game features new situations, characters, monsters and treasures. At every turn, you'll experience a new surprise and adventure, but you never know exactly what is about to happen. It's realism will astound you because Doom Games 1 has 3-D animation, graphics and "hack and slash" action. You'll certainly be on the edge of your seat with these games. Requires Tunnels of Doom Module.

73566 Disk

\$7.95

### **Exciting Game Cartridges**

FROG STICKERS. Guide our frog across the moat filled with diving alligators, swimming snakes, and deadly Frog Stickers. If the frog reaches the castle and kisses the waiting princess, he'll turn into a handsome prince!

42119 Cartridge

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TOPPER. Fast, exciting play for 1 or 2 players. Topper is a turtle who must travel around the screen on special tiles that change color as Topper lands on them. Change all the tiles and you wini But watch out for the rabbits.

42123 Cartridge

\$14.95





Rated "A" by MICROpendium

LEGENDS 1.1. How would you like to drink strange potions, avoid traps, pitfalls, monsters and teleport from one locale to another? With the new sequel to Old Dark Caves, Legends 1.1, you'll be able to do all these things. It features new spells and more interesting encounters for the adventure player. With up to 3 companions, you begin at Wizard's Rock to organize your party, stay at Legends Inn to rest and heal battle injuries and visit Tall Tales Pub for clues in your quest.

In your quest for gold you will have to cast spells and fight monsters while trying to prove yourself as worthy to explore the 6 dungeons. However, once you've gotten into the dungeons you must again deal with monsters, pitfalls and traps. At every turn there is a new adventure and a new thrill.

Asgard spent over a year writing this game with a goal in mind. That goal has been realized in a game that is not a mere mindless arcade game, but a complex, brain teasing adventure that tests your puzzle-solving abilities and concentration. With 44 distinct game screens, 50 large monsters and 6 separate durigeons, you'll be in for the adventure of your life. Requires Extended BASIC and 32K.

Sug. Retail \$22.95 68111 Disk 519.95

CHICKEN COOP. You are the rooster in charge of the hen house. Flapping your wings will set you flying and it's up to you to keep the hens from straying out of the coop. You have to catch the flying hens to get points but be sure to catch their eggs, too, before they hatch and become new hens. \$14.95 42138 Cartridge

ANTEATER. Some people say it's like Dig-Dug . . . with lots of action and just as much fun! The object is to retrieve a pile of sugar cubes from the surface and carry them safely to the nest while avoiding the deadly Anteaters. You can also lay deadly exploding eggs to slow them down. \$14.95 42104 Cartridge

OLD DARK CAVES. This adventure is a programming feat never equalled for the TI 99/4A. Incorporating 60 Assembly Language subroutines, Old Dark Caves consists of over 100K bytes of program and data. What this all boils down to is 28 multicolored, animated monsters and 240 locations. Some of these monsters are intelligent enough to make decisions based on how they evaluate your player's strengths and character. One of the best features of this program is that no 2 games will be exactly alike. You can play this game for weeks without encountering all the inhabitants of Old Dark Caves. Requires Extended BASIC and 32K. \$19.95 41628 Disk

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# 14 Entertainment



BEST

M-F 8:00 a.m.-7:00 p.m. Sat. 8:00 a.m.-Noon (EST)



TI RUNNER LEVEL EDITOR. Now you can create and edit your own TI RUN-NER screens. This screen editor is designed to give you the power you need to add, edit, and manage your TI-RUNNER screens. Easy to use menus and an editor make creating your own levels as much fun as playing them. This editor has two sections, level management and file management. Level management allows you to edit, add, copy, and defete levels, while file management allows you to edit, and select different screen files. Requires TI-RUNNER.



### Flight Simulator In A Cartridge



**Realistic Flight** 

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Simulation

**4A FLYER.** You can see the instrument panel and the view through the cockpit window. Your 4A Flyer combat plane is ready to take off on its next mission ... to carry top secret cargo to 4 separate airports. Bewarel Enemy planes will try to keep you from reaching your destinations. Take off! The instruments show you the status of your plane, the artificial horizon indicator shows the actual tilt of the plane, and the flight computer displays information about enemy planes and the location of the closest airport. Develop your skills under clear blue skies or try your luck under a variety of weather conditions ..., the choice is yours! Enjoy colorful graphics and sound effects. By John Phillips.

42564 Cartridge

\$19.95



### Rated "A" by MICROpendium

TI-RUNNER. This not title from EB Software, similar to the popular Loderunner games for Apple and Commodore, offers 50 levels of excitement. Platforms, ladders, and pursuers abound as you collect treasures and keys. *MiCROpendium* said, "TI-Runner is a very good adaptation... The graphics are very well done. The animation is almost the best I have ever seen on the TI. Joystick response is instantaneous... If you are looking for a game... this is the one." Disk version requires 32K and either Mini-Memory OR Editor/Assembler. Available on cartridge as **Star Runner**, see page 12. 32460 Disk



**KING OF THE CASTLE.** This challenging game requires some quick reflexes and planning to master, but we've found it to be one of the best games on the market! Our resident game master rates this one "excellent."

You'll be amazed at the speed of play and fast screen changes. This machine language program allows lightning-quick response. You are a Norman King asleep in your castle --- when suddenly the Vikings attack and invade your fortress. Your quards and servants have fled in fear. You are outnumbered . . . but unabashed. Your Ninja training in making gunpowder and wielding Oriental weapons gives you a fighting chance. You defend yourself by throwing spinning stars at the Vikings . . . and laying land mines to stop their advance on the stairways or throughout the various rooms. If all else fails, use the secret passageway for a quick exit and time to regroup and attack again. All configurations require joystick." Cassette requires Mini-Memory. Disk requires Mini-Memory, OR 32K and Editor/Assembler, OR 32K and Extended BASIC. From Cydex Software. 30981 Cassette \$17.95 30996 Disk \$17.95 42067 Cartridge \$17.95

**DOW-4 GAZELLE.** Learn to fly or refresh your skills if you are already a pilot with this flight simulation program from John Dow. The program simulates a typical private, 4-place, single engine, instrument-equipped airplane. Features include a full-color instrument display and realistic sound. Beginners will learn to take off, land, and use radio navigation aids. Advanced skills include stall, recovery, slow flight, and steep turns. Requires joystick.

21467 Cassette

\$25.95

### The Most Outstanding Arcade Game Ever Written For Your TI 99/4A

**TENNIS.** Enjoy the excitement, action and thrills of a professional tennis match with complete control. You'll absolutely love this arcade game as its graphic displays are all in dimensional perspective. It'll give you a new dimension in realism and control. Now you, too, can enjoy this world renowned game on your TI 99/4A. Requires Extended BASIC.

76317 Disk

# DRAW POKER

**DRAW POKER.** Match your skill and luck against those of the TI computer. A very realistic simulation from CSI Design Group. The computer actually observes your play and adjusts its play to yours.



\$9.95

OLIVER'S TWIST. At the end of your long journey from your home village you are standing in front of the castle of your recently departed Uncle Oliver. As one of the family's poorest relations, no one was more surprised than you on finding that Oliver had left his entire kingdom to you. However, as with many unexpected gifts there is a catch. Before you can inherit the castle you have to mollify the spirits of your ancestors by returning 15 treasures to their rightful places. Unfortunately, the will does not specify where these locations might be. Can you return everything without disturbing Oliver's ghost? Requires Adventure Module.

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### Game Construction Set

GRAVITY MASTER. Now you can design your own exciting, challenging arcade games; or play 1 of the 2 sample games included with the construction set. Build an infinite number of screens with the easy-to-use Editor. Use girders, ladders, energizers, and don't forget to add a few berserk robot guards. Put up to 20 screens together! Requires Extended BASIC and 32K. From CSI Design Group.

### 30888 Disk

### **These Programs May Be Your Tickets** To Fame & Fortune!



LOTTO PICKER. Increase your chances of winning in Lottery and Daily Numbers games with this handy program from Ridge Services. LOTTO PICKER has all the popular Lotto games in North America already programmed into it. Simply choose your state or province and LOTTO PICKER does the rest! Your odds for winning improve because the program duplicates the same random process used by the Lottery Commissions themselves! Daily Numbers and Pick 4 selections can also be Sug. Retail \$29.95 generated. Includes Manual. \$24.95

38572 Cassette

Sug. Retail \$19.95 \$14.95



SPAD XIII Mark 2 is the newest and best game from Not-Polyoptics. In addition to taking off, landing, and all the other aerial maneuvers common in flight simulators, Spad XIII Mark 2 offers much more. After taking off from a French airfield, you pilot your World War I biplane toward the front lines to engage German aircraft. See if you can shoot down their observation balloons protected by flak. Continue on toward the German airfield, where you can try to bomb their hangars and planes. Take a victory spin around the Eiffel Tower before returning safely to your base.

When flying SPAD XIII Mark 2, you can choose from any of 6 views --- front, left, right, back, up, and down. Instrument panel includes Altimeter, Compass, Air Speed, and Fuel. Relive the days of open cockpit flying! Requires 32K and Extended BASIC. From NOT-POLYOPTICS. \$14.95

65757 Disk



### Winging It **Flight Simulator**

WINGING IT. Turn your television into the cockpit of a private airplanel Learn to fly and then test your skill in 3 games. Displays ground map and weather chart plus instruments. For 1 player. From NOT-POLYOPTICS.

	Cassette	\$7.95
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38567 Disk

\$24.95



### **3 Super Games On 1 Disk**

COMPUTER WAR/SUBMARINE COMMANDER/RIVER RESCUE.

Remember "Computer War," Submarine Commander" and River Rescue? Well, they're back and better than ever. Now, by special arrangement with a U.K. computer firm, TENEX is able to bring you these lost but not forgotten super hits ... all in one convenient disk.

Originally, these programs were designed to sell for \$39.95 each. This special package gives you all 3 for just \$29.95. Requires 32K and Extended BASIC.

40856 Disk

Only \$29.95

### Limited Quantities •

KHE SANH is a game about guerilla warfare in South Vietnam during the Tet offensive in 1968. The elusive North Vietnamese and Viet Cong units could remain hidden in the jungle and attack when conditions were right. The American forces could only conduct often futile searches for the guerillas in hopes of preempting these attacks. The baiting game ended in 1972 when the American forces withdrew. In this tactical skill game you command a military base in Vietnam. You have 5 platoons of troops and 4 helicopters at your disposal to search out and destroy 2 companies of North Vietnamese regulars (who are controlled by the computer). To win you must accumulate more points than the computer. From NOT-POLYOPTICS. \$9.95

10725 Cassette 34765 Disk

### The Classic Game

BACKGAMMON. Play the "all time favorite" board game against either the computer or an opponent. Computer plays quickly and with remarkable strategy. Great way to develop your own playing ability. For 1 or 2 players. Requires Extended BASIC, From NOT POLYOPTICS. \$7.95

30465 Cassette



# Music

\$9.95



TI SINGS. This is one of the most unusual programs we've seen, and it is so economical it would be a shame if even one Ti owner missed out on it.

Did you know you can actually make your computer sing? Using TI Sings, you can input, edit, and play back your favorite songs (words and music). It also lets you learn how to use allophones in a fun and painless way. Comes with several ready-to-run song files. What a great way to send an electronic greeting to family members or friends! Connect your computer to your VCR, and you can even record it for someone without a computer! Requires Terminal Emulator 2 and Speech Synthesizer. From Trio + Software. Only \$5.95 65451 Disk

### **Play All Your Favorites**

SING PLAY PROGRAM. Copy this program to your SINGS DATA DISKS to make them stand-alone play disks. Select the order of play on your screen and listen to all your favorites at your leisure. You may play as many of your favorite songs as you like automatically. Uses data produced by TI-SINGS. Requires TE II, and SPEECH SYN-THESIZER.

73760 Disk

### \$4.95



TI SINGS DATA 1. Includes 16 new songs that your computer can sing. Hear 🐋 your computer SING the following songs: HEARD IT THROUGH THE GRAPEVINE, THEME FROM M\*A\*S\*H, HOUSE OF THE RISING SUN, plus a variety of others. SINGS PLAY PROGRAM included in program, Requires TE II, and SPEECH SYNTHESIZER. \$9.95

### 73759 Disk

MUSIC SYNTHESIZER. This program is superb for your music lover. Generate scores by placing notes with the arrow keys in any of 360 positions arranged All and the second s on "sheets" of 24 notes each. The Music Synthesizer is Production and the second s an excellent way to introduce music to someone who has an ear for sound. Requires 32K and Extended BASIC. 73617 Disk \$9.95

# 16 Program Languages



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So, if you're a serious FORTRAN programmer or even a beginner this is your program, as it executes programs hundreds of times faster than TI BASIC and provides more screen and sprite features than TI Extended BASIC. Think of the time you'll save. FORTRAN 99 is a benefit to all FORTRAN users. This package includes 2 diskettes, and a user's manual. Requires 32K, and either Editor/Assembly OR Mini-Memory OR Extended BASIC OR TI-Writer Cartridge. From LGMA Products. 65327 Disk







### Ultra Fast Processing!

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9900 BASIC. This fantastic Assembly Language utility package allows you to write Assembly Language programs using Extended BASIC mnemonics and functions. Requires 32K and Editor/Assembler. From CSI Design Group Sug. Retail \$49,95 30910 Disk \$42.95

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42298 Disk

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# Genealogy



**THE GENEALOGY WORKSHOP.** This program allows you to automate many aspects of keeping your genealogical records. This program is easy enough for a beginner, but will also prove useful to more experienced genealogists. "Family "" Data" function stores all of the vital information on each individual. Searches can be made to find common birth and death locations; you may also search for a name. "Overview" function stores the names and vital dates for each family including up to 20 children; this provides a more distant, less detailed view of the family. "Sources" function stores the details of where specific data was obtained;

source record numbers correspond to citations in Family Data. Program also prints sequentially numbered Cross Reference Forms, Family Group Sheets and Source Sheets. All programs include revision capability and give you the option of hard copy or screen display. Requires 32K, Extended BASIC, and 80-column printer or screen display. Package includes handsome 3 ring binder with ample room for storing additional notes, data, etc. 20801 Disk Sug. Retail \$49,95 Customer Help Lines Open: M-F 8:00 a.m.-5:00 p.m. (EST) Product Information 219-259-7051 Order Status Hotline 219-259-7053 Technical Line 219-259-5227

# Home Management/Business



- No Memory Expansion Needed
- No Disk Drive Needed
- Super Easy To Use



CONSOLE WRITER. This word processor is simple enough for a child to use, and is great for unexpanded systems that have only a printer booked up to the peripheral port. Features include a full screen text editor that lets you insert and delete both characters and complete lines. This program is perfect for many home word processing needs such as writing letter, notes, homework assignments, etc. A breeze to learn and usel Requires only TI 99/4A console and a properly connected Was \$49.95 printer. Cassette or disk storage is optional. Now Only \$14.95 \$77195 32329 Cartridge



# Create, Access, Manipulate, Report And Print Information The May You Want

TI BASE. For years, the TI-99/4A had no database more useful than a mailing list program. Now you can create, access, manipulate report, and print information the



AUTO SPELL-CHECK. This power packed tool will provide you with documents free of typing errors and spelling mistakes. Here''s how it works: Auto Spell-Check compares every word in your text against a set of dictionaries and makes a list of every word that doesn't match exactly. You can then review the list and correct mistakes. Auto Spell-Check comes with a 20,000 word dictionary . . . and you can create your own dictionaries of specialized words that you use often, up to 2,000 words each. It even has feature for automatically adding words to your dictionary as part of the document review process. Comes with 12-page manual. Two-disk set. Requires TI-Writer OR Editor/Assembler. From Dragonslayer American Soft-Now Only \$19.95 329.95 ware.

### 32691 Disk

**Explore Your** Family Tree



way you want. TI BASE lets you design your own database and gives you a complete procedural command language that allows you to "program" your own database system. TI BASE gives you: database creation/deletion, free interchange of data, complete mathematical functions, structured command language, disk management functions and formatted display and print capabilities. This system supports five active databases of 16129 records. 17 fields per record and 255 characters per field each. Requires a disk system, 32K memory expansion and either extended BASIC, Editor/Assembler, or Mini memory cartridge. From Texaments Sug. Retail \$24.95 \$19.95

80238 TI, Disk

NEW

# The Best Word Processor For The TI 99/4A On The Market Today!

PRESS. Upstaging TI-Writer, Press is the best word processor for the TI-99/4A on the market today. It is completely new and is written entirely in assembly language for speed. Create single files as large as your disk space allows, type columns on

TOTAL FILER. A free-form database for text, this program can help you organize a collection of articles, do a genealogy of your family (with bibliographies available at keyword), create a detailed database of your record, book or videocassette collection, and morel Unlike all other databases, this one doesn't care if you mix numbers with words, or what you put in each field. Find any individual entry in your database in seconds. The number of entries is limited only by the number of disks you want to use! Menu-driven so it's easy to use, very fast because it is written in C99.

screen, and include pictures in your text. Press gives you a "what-you-see-is-whatyou-get" screen so you know that bold text on the screen will print out bold and underlined text will print out underlined. Press features pop-up menus and automatically configures itself for your system. It functions with any printer, and includes the ability to customize it for the special features of your own. Press comes complete with a 250-page manual, 5 disks and a Sug. Retail \$59.95 \$49.95 tutorial. 80242 Disks

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65551 Cartridge

Wordwriter Plus



WriterEASE. Now you can create your own custom WriterEASE dictionary! Add technical terms, jargon, and favorite words that you did not find in the WriterEASE Master Dictionary. This new feature will be especially important for writing newsletters, business and technical writing and university studies. And like all commands with WriterEASE, creating your custom dictionary is easy. If during the spell check function, a word is not found by the master dictionary, WriterEASE will give you the options of not adding the word, or adding the word to the custom dictionary. Designed especially to take advantage of the CorComp Memory Plus Products (see page 4). Requires 32K and TI OR CorComp Disk Controller.

56907 Two Disk Set

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### Includes A Printer Hookup

WORDWRITER PLUS. Same great features as WORDWRITER, but with an exciting PLUS . . . this cartridge includes a cable hookup for any standard parallel printer, including Star, Epson, Axiom, and many more. That's right - you can attach your printer directly to the WORDWRITER PLUS cartridge using the included cable - no other interface required includes printer cable. From DataBioTics. Sug. Retail \$74.95

65564 Cartridge & Cable

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- New Spreadsheet For TI
- Eleven Simple Commands

TI PLANNER is a cartridge-based spreadsheet, requiring only your console. Just plug in the TI Planner and discover an extremely versatile tool that will help simplify your life.

Constructing your own data-tables for home, business or school is easy with the TI Planner. The 32K memory expansion is not required, although if you have it you can make even larger spreadsheets. Saves and retrieves from either cassette or disk. The Ti planner is written in 100% Assembly Language. From DataBioTics. Sug. Retail \$29.95

73515 Cartridge

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SCHEDULE MANAGER. The Schedule Manager features a 4-month calendar with up to a full-screen of appointments for each day, a 30 page notebook for storing names or ideas, phone numbers, and a complete calendar. Easy-to-use functions like pull-down menus accessed with the touch of a key, windows that pop up, and a HELPI option with mini definitions are available. A truly remarkable program for keeping track of personal or professional appointments. Requires 32K and Extended BASIC. From Asgard Software.

73590 Disk



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32597 Disk

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DB 99 UTILITIES. Here's a set of utilities to use with your DATABASE 99 data files. Now you can add, subtract, multiply and divide numeric fields; easily find the minimum, maximum, sum, average, and number of values for any numeric field; even get a hard-copy printout of your input screen! Now you can create a Value File for use with TI-Writer Mail Merge (Form Letter) option. "Must-have" enhancements for DATABASE 99 users. Requires DataBase 99. From Quality 99 Software.

42207 Disk

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PIKE CREEK COMPLETE ACCOUNTING PACKAGE. This is the only system to be recommended and endorsed for the 99/4A by Texas instruments. It includes all the features of systems costing up to thousands of dollars for only a fraction of the price. You'll get all these:

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The fun and easy way to learn Keyboard Skills

PRO TYPER. Today, everyone from kids to adults are finding it necessary to know how to touch type. Computers are so commonplace in schools, homes, and businesses, that "hunting and pecking" just isn't good enough. Pro Typer is designed to take the hassle out of learning to touch type.

Pro Typer starts by teaching you the motions you'll need to type the right way. Each part of the keyboard is touched and felt until you are ready to move on. Once the learner is comfortable with the basic motions, Pro Typer then lets him or her progress from intermediate to advanced levels in 16 easy steps. This is done with Ladderman, a sensational typing game that makes practice fun. From DataBioTics.

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### Game Of The 50 States



GAME OF THE 50 STATES. An educational game about the capital cities and nicknames of the 50 states. Game options allow you to either guess states by their capitals, or guess states by their nicknames. You can also type the name of a state and the computer will display the capital and nickname. Only correctly spelled state names are accepted by the computer. Two players or teams can play. Utilizes color graphics, sound effects, and optional speech sing the Speech Synthesizer and Terminal Emulator II. From Challenger Software International.

21059 Cassette	\$12.95
30836 Disk	\$14.95

Star Gazer I, II & III

# AT THE ZOO





### By: D. Loertscher and T. Rednour

AT THE ZOO. This fun and educational program for ages 4 and up offers exceptional graphics and makes the most extensive use of the TI Speech Synthesizer we've ever seen. Studies concentrate on spelling, geography and general knowledge about animals. A great way for children to learn how to operate the computer! The first section, "A World of Animals," displays a detailed map of the world, highlighting and identifying 12 major areas. The child may select an animal or area of the world; or let the computer proceed automatically. Homelands of the animals are highlighted on the map while the computer describes (through the Speech Synthesizer) their natural habitat. In the next section, "At The Zoo," the emphasis is on spelling the animal names. A colorful zoo scene is drawn and the name of an animal is spoken and, if desired, printed on the screen. The child then types the name to match. If the spelling is correct, the program says an approving phrase, draws the animal in the zoo, and some information about the animal is spoken. The child has 3 tries to correctly spell the word. Requires TI Speech Synthesizer and Terminal Emulator II. Sug. Retail \$24.95 30254 Cassette \$14.95 324-95 30268 Disk \$14.95 334:05

### Learn To Recognize **Constellations!**



STAR GAZER I, II, III. It's like having a planetarium in your homel Begin by viewing constellations and selecting a destination. As constellations approach, you'll have to identify them and select the right names from the text window. Keeps score of your hits and misses. Great color and sound. From DataBioTics.

73473 Cartridge



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\$9.95

**Award Winning Educational Program** 

SPEAK AND SPELL II. Give your kids the head start they need with this program. Your child will hear a word pronounced correctly as he/she learns to recognize and spell it. Speak and Spell II features 5 activities that will help your child remember new words and implement them into his/her vocabulary

76263 Disk



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NUMBERS I/NUMBERS II. Magic hats and number factories teach numbers, simple addition and subtraction, and the concept of before and after.

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FRACTIONS I/FRACTIONS II. Displays fractions pictorially; simple exercises in adding, subtracting, multiply-

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37993 Cassette

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80257 2 Disk Set

\$12.95



Rated "A" by MICROpendium

"TI-Artist has to be the best all-around graphics program on the market." **MICROpendium** 

Powerful font slide and instances entry features. 21443



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### 80260 Disk

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ARTIST BORDERS #2. A new volume of more detailed borders. Requirements are the same as Volume #1.

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### Write With Style

\$7.95

ARTIST FONTS VOL. 1 is a series of packages for use with the TI-Artist that contains a variety of fonts! Completely original, this disk is filled with some of the most complete and detailed fonts, designed by many well-known artists. From Asgard Software.

73589 Disk



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ARTCONVERT. A great way to liven up your Ti-Writer, documents! Now you can convert TI-Artist "instances" and small fonts for use with TI-Writer. You can convert a single instance or convert 2 and merge them into one TI-Writer file. You can also convert one-character high fonts for special lettering in your document. (Larger fonts must be converted as in instance using the words desired.) Compatible with Star, Epson, and similar printers as well as the Prowriter. Features "Other Printer" option which may let it work with some non-standard graphics pritners. Requires Extended BASIC, 32K, TI-Artist, and TI-Writer. Printer system recommended. From Trio + Software. 65493 Disk Only \$9.95

## Siter Balant & Roman Correct

TI ARTIST. Here's a full-featured package for drawing in the bit map mode on the TI 99/4A. This easy-touse program will have you drawing before you've even finished reading the instructions ... it is completely menu-driven from a picture screen.

TI Artist presents you with a menu of functions in which each function is selected by positioning the cursor over the desired icon and pressing the "fire" button. The drawing palette is then selected by depressing the space bar. Once on the drawing palette, the selected function may be performed. When a different function is desired, it may be selected by returning to the function menu or by depressing the func-

### **TI-Artist To TI-Writer** Conversion

tion selector. You can see that TI Artist is very straightforward and easy-to-use.

Among TI Artist's functions are: "Draw" which lets you draw designs on your picture, "point" which is like "draw" except that it will only plot I pixel at a time, "frame" which lets you draw individual rectangles on your picture and many, many more. TI Artist is an exceptionally versatile and easy to use computer art tool which is designed for persons who are not experienced computer operators. Requires 32K, and Extended BASIC OR Editor/Assembler OR Mini-Memory. Joystick optional 42579 Disk 

### **Trio** + **Data Disk Sets For TI-Artist**



Here are some great original pieces of artwork for TI-Artist users! Each set features not 1, but 2 disks filled with fonts, slides, instances, and pictures. Data Set 1 includes 3-D, Ribbon, Flower, and Gothic Fonts; Slides of 3-D alphabet and Numbers, Big Alpha Font, Ribbon Font; Holiday symbol instances; and Dew Can and Christmas Card pictures. Data Set 2 includes book, Block, Outline, and Script fonts; slides of backgrounds, borders, and graphics; Garfield, Odie, and Unicorn instances; and pictures showing use of backgrounds and borders. Requires TI-Artist and appropriate hardware. From Trio + Software. DATA SET 1 65508 2 Disk Set Only \$9.95 DATA SET 2 65510 2 Disk Set

Only \$9.95



ARTIST ENLARGER. This program is a must for the serious TI-Artist user. This utility allows you to enlarge fonts and instances designed for TI-Artist or Font Writer II. Artist Enlarger also gives you the versatility to stretch, or distort art horizontally and vertically. Also, reduces and enlarges. Comes on a disk packed with all new instances for use with the TI-Artist or Font Writer II. From Asgard Software. 73573 Disk \$9.95



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### **Certified Quality.**

MicroPal diskettes are first guality, prime diskettes (no seconds). Each one is individually certified to be 100 percent error free at levels equal to or above ANSI, ECMA and ISO standards.

### Lifetime Warranty Plus Risk Free Trial!

We offer a double guarantee of satisfaction, 1) All diskettes are backed by a lifetime warranty. If you ever have a problem, we'll replace the diskette.

2) To let you discover what a great value these diskettes really are we'll let you try them risk free. Buy a box. If within 30 days you aren't happy with the diskettes for any reason, return them to us for a prompt refund. No questions asked!

Part No.	Description	Box of 50
32391	51/4" Single-Sided, Double-Density Diskettes	\$19.50 (39¢ each)
32403	51/4" Double-Sided, Double Density Diskettes	\$24.50 (49¢ each)

### Economical Surge Suppressors



Protect your valuable electronic equipment from damaging voltage surges and spikes while filtering annoying EMI/RFI interference. Our surge suppressors offer full three-line protection plus a "Power-On" in-

dicator light. Perfect for computers, TVs, stereos, VCRs and other equipment. Two models to choose from: a three outlet wall mount block and a six outlet extension strip. The strip has an additional 15 amp circuit breaker, an on/off switch with neon indicator and comes with a six foot cord.





Low TENEX Prin	Sug. Retail	
\$7.95	\$14.95	r
\$17.95	\$29.95	

55878	Three Outlet Surge Suppressor	\$14.95
55220	Six Outlet Surge Suppressor	\$29.95

### Stop Endless **Cartridge Swapping!**

PLEASE

**REMEMBER:** 

Did you include t
 Is your check sig

le the expiration date with your credit card num signed and enclosed?

1ber?

Stop wearing out your computer with endless cartridge swap-ping! This three-slot cartridge expander keeps your most commonly used cartridges plugged in and ready for instant selection! This saves wear and tear on the cartridge and the computer. Save yourself just one repair job and the cartridge expander has paid for itself several times over. Do you use your computer frequently? Do your kids switch cartridges numerous times in a single play or learning session? If so, invest in this inexpensive protection for your computer and software. Great for schools and other high use locations, too.



3227	Commodore 64 Cartridge Expander	\$19.95
3329	TI Cartridge Expander	\$19.95



Developed for use in the home or office, this adjustable two-piece printer stand and cantilevered paper tray holds a 12" or an18"

printer. Angled to allow comfortable document viewing and convenient paper storage. Foam pads reduce printer noise and vibrations. Rubber feet prevent sliding. The paper tray neatly stacks over 500 sheets of continuous paper.

Universal Printer Stand +

### A year's worth of cleaning for under \$5.00 . . .



### Head Cleaning Kits

Take a few minutes to clean your disk drive heads, about once a month, and you'll be rewarded with more reliable data reads and longer head life.

DISK DRIVE HEAD CLEANING KIT. Includes cleaning diskette, fluid and instruction. Provides 15 cleaning operations. 40569 Disk Drive Head Cleaning Kit \$4.95

**CASSETTE HEAD CLEANING KIT.** Contains cleaning tape, fluid and instructions. Recommended cleaning frequency - every 20 hours of use. 40574 Cassette Head Cleaning Kit \$3.95

### Super Deal On **Diskette Storage**

- A whopping 100 disk (5<sup>1</sup>/<sub>4</sub>") capacity
- Lock and keys for extra security and easy carrying.
- Includes 8 index dividers with labels for organization of filing and retrieval.
- Made of durable anti-static, high impact plastic.
- Attractive smoke colored lid.

Sug. Retail \$19.95

66826 Disk Tray DS100



### **NOW ONLY \$9.95**

### UNIVERSAL PRINTER STAND + .

### Sug. Retail \$19.98

### \$14.95



### Customer Help Lines Open: M-F 8:00 a.m.-5:00 p.m. (EST) Product Information 219-259-7051 Order Status Hotline 219-259-7053 Technical Line 219-259-5227

### Graphics & Publishing 23



ARTIST'S COMPANION. This 5 disk package adds a complete set of graphic designs to the TI-ARTIST program. Includes 25 character fonts, 160 small original pictures and 30 large original pictures. Each character font and picture may be altered and interfaced with any picture or design of your choice using TI-ARTIST. Requires TI-ARTIST. 42601 Disks

\$17.95



ARTIST INSTANCES #1 -Animals I. A complete collection of domestic, wild and fanciful animals. 68178 Disk \$8.95

ARTIST INSTANCES #2 -Animals II. More familiar and rare animals to decorate and enhance your creations.

### 68180 Disk

ARTIST INSTANCES #3 Holidays. A volume dedicated exclusively to those very special days of

the year. 68118 Disk

\$8.95

\$8.95

### The Most Extensive **Library Of Clip Art Ever Produced!**

ARTIST INSTANCES. The ultimate electronic publishing package — created exclusively for TI-ARTIST and FONT WRITERI Together, these packages combine a serious design tool with a serious publishing tool for a level of unprecedented versatility. Each volume in the Artist Instances series is a valuable collection of highly-detailed instance clip art for use in any graphics project. Arranged by subject, each collection contains only the best artwork individually culled from hundreds of files. Requires 32K, Extended BASIC, and either Font Writer or TI-Artist. From Asgard.

### ARTIST INSTANCES #5 - People

I. Famous and not-so-famous people. 68206 Disk \$8.95

### ARTIST INSTANCES #6 - Computer. Artwork about computers with pieces depicting office implements, transportation, and more. 68216 Disk \$8.95

ARTIST INSTANCES #7 - People II. Individuals for populating your works.

68227 Disk \$8.95

ARTIST INSTANCES Animals III. Move animal illustrations to enhance your work. 68236 Disk \$8.95



ARTIST'S COMPANION #2. Add 13 individual character fonts and 60 small original pictures with this 2 disk package. Also included is Artist's Connection, a program generator that allows TI-Artist pictures and clip art to be used in BASIC or Extended BASIC programst Requires TI-ARTIST. \$9.95

42616 Disks

ARTIST'S COMPANION #3. More exciting additions to your TI-Artist library this Z-disk package offers 16 new fonts and 66 small clip at pictures. Several of the fonts are made up of type and graphicsl Requires TI-ARTIST. \$9.95

65408 Disks

ARTIST'S COMPANION #4. You can keep, expanding your TI Artist Graphic library with Artist's Companion #4. This Z disk includes 15 new, outradeous fonts and 15 small original pictures. Some of the fonts include Artdeco, Cameo and Starlet. Requires TI-Artist.

76066 Disks

\$9.95

ARTIST'S COMPANION #5. This 2 disk program includes many new and original fonts and clip art for TI-Artist, Several of these fonts are Barcode, Ballon, and all new 3-D fonts. Also included are 2 small fonts which are excellent for all those "small jobs." Requires TI-Artist. \$9.95

76070 Disks

ARTIST'S COMPANION #6. Artist's Companion #6 is packed with new and exciting fonts and clip art. Cabaret, Gatsby, Orient, Music and Stacked are all fonts that will amaze and intrigue you. Also included are 4 small fonts. Requires TI-Artist. \$9.95 76089 Disks

ARTIST INSTANCES #4 - Home. A vast library of works depicting implements of the home and home repair, and of personal items. \$8.95 68192 Disk



ARTIST INSTANCES #9 -Holidays #2. Second in a series. For use in greeting cards and your own works.

80283 Disks

\$7.95



USER DISK IA. CONCERNS 2 disks with 15 forus 61 graphics, and 50 monograms. 24 R I I 68545 01645

USER PISK IF COMBINE A THE OFFICE WITH THE WATER original fonts and graphics. There are 16 new forms, 8 Decumine forms, and 28 memorrain granulas with a choice of the size that is right for you.

73661 Disk

IAJ

USER DISK /6. Contains 16 new lows and graphics. 74657 91.45

USER DISK (7. Here's a 2 disk set for CSCD mate loaded with new and exiting forts are graphics. It's an excellent value as it includes 1 new livins and a large assorment of original small graphics. CSGD User Disk #7 will really spruce up your CSGID Requires CSGD and is a steall 76103 Disks

### Virtually Limitless Potential

CSGD III-CHARACTER SETS AND GRAPHICS

DESIGN IN. You'll get 4 new and powerful graphic printing capabilities for your 99/4A. Create letterhead, stationery, labels, and signs while using a myriad of unique fonts and small graphics. Also, by using the special Docuprint program, files generated by TI-Writer can be printed in any one of 6 full graphic character sets. Choose 6 to 8 lines per inch, add page numbers, print multiple file documents, set top/boxtom margins, set tabs and print in a 2-column format. CSGD III includes a special typewriter mode that will even let you print short notes without preparing a 11-Writer file. The complete 3 disk package comes with 25 fonts, 40 small graphics and thorough documentation. It requires 32K, Extended BASIC, and an Epson compatible printer. From Texaments. \$17.95 65419 Disks



ARTIST'S COMPANION #7. This 2 disk package includes a new assortment of original fonts and clip art for the TI-Artist plus the unique and imaginative "Scroll" which is an extraordinary font made up of type and graphics. Requires TI-Artist. \$9.95 76091 Disks

Since CSGD III is a continuation of the CSGD series, it is compatible with all previous fonts. and graphics libraries. CSGD III is already a fully supported software package!

CATALOGER is a utility which allows you to print fonts and graphics with ease. Plus, you will have the ability to cross reference CSGD graphic files, and Ti-Artist graphic files on data sheets.

# **Graphics & Publishing**



### ORDER TOLL FREE! 1-800-348-2778

M-F 8:00 a.m.-7:00 p.m. Sat. 8:00 a.m.-Noon (EST)

### **Cartridge Based Desktop Publishing**



### **Desktop Publisher**

DESKTOP PUBLISHER. Compose letters and greeting cards, print newsletters and business or school reports with impressive style and ease. Invent striking invitations and much more, even if you can't draw a linel Desktop publisher has a word processor that lets you select among stylish fonts such as bold, italics and emphasized for professional results that you can save or edit for later use, the picture editor lets you create and save stunning graphics easily and combine your words and art together into neat, professional-looking columns. Your console, printer interface and Epson-compatible printer are all you need to start publishing. Cassette system recommended.

80295 Cartridge

\$49.95

PRINT WIZARD. Here's a new program that creates greeting cards, signs, banners and letterhead. It's called Print Wizard and it's so easy to use. Unlike some more expensive programs, Print Wizard is well documented and easily understood. Thus, all 4 programs operate the same, by using the arrow keys to indicate what you wish to accomplish.

If you've ever wanted to design and print your own Christmas cards, banners, signs and letterhead, this is your program. You can even print your graphics in 1 of 4 modes: upright, inverted, sideways left and sideways right. You have total control over these and many other commands such as the size and placement of graphics. It's so easy, a child can use it with little or no computer experience. The package includes 1 program disk, 2 data disks and a comprehensive 20-page manual. Print Wizard requires Extended Basic, 32K memory, and is compatible with these printers: Prowriter, Epson FX, Gemini 10X or other Epson compatibles. It's also Geneve compatible!





### **Create Fantastic Certificates, Awards And Posters!**

CERTIFICATE 99. Make someone feel speciall This Assembly Language program is a great way to create dynamic certificates, signs, awards, advertisements, diplomas, etc. You will have hours of fun creating your own designs.

Included in the package are 6 text fonts and 2 sizes, 12 different borders, 24 pre-designed graphics along with parchment paper and gold foil seals.

Requires 32K, TI-Writer OR Extended BASIC OR Editor/Assembler OR Mini-Memory AND Epson/Star Gemini printer.

73943 Disk

### \$19.95

**CERTIFICATE 99 COMPANION.** Create extra borders and graphics with this program. Certificate 99 Companion gives you the ability to save certificates as well as recall what you saved. It's a great program at a great price.

### 75951 Disk

Sug. Retail \$24.95 \$19.95





BETTER BANNERS, It's called Better Banners, but this is the best banner program for the TI we've seen yet! TI owners are justifiably envious of owners of Print Shop, which only runs on other computers; now, at last, there is a super quality banner program for the Ti 99/4A. Better Banners features fully formed characters in 2 sizes plus a full 15 resident graphics, including flag, dog, floppy disk, star, heart, smiley face, car, and many more. A big plus is that you can modify or even replace these graphics with your own designs. You can even use punctuation marks in your ban-

ners Banner length is limited only by the length of your paper! Compatible with virtually all printers, Requires 32K. 42495 Disk

### 76125 Disk

### **Desktop Publishing** For Your TI



Create great looking documents & combine text and graphics! 16 type fonts!

THE PRINTER'S APPRENTICE. If you have been waiting for a desktop publishing program for the TI --- one that lets you combine text and graphics and use a great selection of exciting type fonts - your wait is over. The Printer's Apprentice from McCann Software does all that and morel

First, there are great type faces to choose from — the basic disk comes with 6, and our bonus font disk adds 10 more. You can vary the size of these fonts when printing, of course, to get the look you want on your document — big, attractive headlines, high quality text, etc. All TPA type fonts include all 96 ASCII characters — not just the alphabet. And if the fonts that come with the package aren't exactly what you are looking for, you can even use the Font Editor to edit them or create your own!

The Picture Editor lets you crop, size, edit, or create original artwork; or, load your artwork from artist program. A great way to make any kind of document more interesting and readablel

Your text can be input either in your favorite TI word processor or using TPA's own simple text editor, The Jotter. Then, The Formatter lets you take your text and convert it to micro-justified font print.

The Scheduler lets you do your electronic cut-and-paste job. You can actually mix graphics and high quality text on the same page — no manual cutting or pastingl

System requirements are 32K Memory, disk system, and either Extended BASIC OR Editor/Assembler. TPA works with Star, Epson, TI, Panasonic, and compatible printers. Sug. Retail \$34,00 68523 TPA Disk plus bonus Fonts Disk! \$29.95 TPA TOOLBOX. Serious users will want this handy set of utilities. Includes font conversion, instance of conversion, sign and forms tools, and a document page manager system plus several new fonts. Requires The Printer's Apprentice. Sug. Retail \$22.00 68528 Disk \$19.95

BANNER GRAPHICS. Expand the capabilities of your BETTER BANNERS program with this enhancement disk. Features 45 new graphics and a utility for storing user-designed graphics providing unlimited graphics capabilities! Also, provides a back-up of the BANNER GRAPHICS. 55949 Disk \$13.95

Customer Help Lines Open: M-F 8:00 a.m -5:00 p.m. (EST) Product Information 219-259-7051 Order Status Hotline 219-259-7053 Technical Line 219-259-5227

Graphics & Publishing 25

### **More Versatile Than Ever Before**

# Font Writer II



**FONT WRITER II.** The most significant development in TI graphics! Font Writer II has just become more versatile than ever before. In addition to the vast libraries for CSGD and TI-Artist of fonts and artwork. Font Writer II can now use artwork from GRAPHX. The easy-to-use TI-Writer interface has been retained and greatly expanded. More TI-Writer formatter commands than ever before can be used with Font Writer II, and it also has the ability to load TI-Writer Editor directly from the main menu. This will allow you to switch between editor and formatter with ease and without changing modules — plus you get the best editor available!

Now, the graphics commands the Font Writer II accepts have been expanded, and the power increased. Multiple images can be placed on the same line, pictures and fonts can be inverted, graphics can be framed, and up to 8 windows can be opened all at the same time.

If this isn't enough, Font Writer II also includes an expanded Font Editor and Font Manager for sorting, merging, or other editing functions. Plus a disk manager is provided for categorizing multiple disks of artwork, and a banner program is included with CSGD fonts and pictures. And finally, there's a separate art disk containing 12 different typefaces, and numerous pictures.

Font Writer II is compatible with the TI 99/4A, the Myarc Geneve Computer (see page 2), and the following printers: Epson, TI Printer, Gemini 10X and Panasonic. Requires 32K and Extended BASIC, TI Writer and TI-Artist recommended. Combined with a 32 page manual, Font Writer II is not only the best program of its type, but it's also one of the best values! From Asgard Software. **65398** Disk **19.95** 

IOY PAINT '99

### Publish Like A Pro





**GRAPHX PLUS.** Now this all time favorite graphics program for the TI 99/4A has become even better. You'll get all the great features that made it an overwhelming success plus all new fonts and Clipart. GRAPHX Plus offers every feature you need to create the best TI 99/4A graphics you've ever seen. It offers free hand drawing and erasing, zoom, auto fill, colors and animation. It will simply astound you. GRAPHX requires a disk system, 32K and Extended BASIC, Editor Assembler OR Mini-Memory. A Star or Epson compatible dot matrix printer is also required.

76301 Disk

\$19.95



CLIP ART & FONTS. Choose from over 100 items ranging from sports figures to

holiday symbols. The added touch you are looking for to spice up written materials

of any kind. Choose from a dozen type fonts that come in a range of sizes. Great

for personalizing just about anything. Requires Graphx Plus.

80308 Disk

\$8.95

### **Do More With Joy Paint**



**JOY PAINT'S PAL.** A handy utility disk that lets you do even more with Joy Paint '99. Lets you load and save pictures in other formats, including TI-Artist and Graphx; create and edit new patterns for use in Joy Paint '99; print to Axiom 100 and Epson compatible printers; and the ability to reduce the size of objects by one-half their original size.

65472 Disk

\$9.95

### **Over 50 Pieces of Clip Art**

JOY PAINT CLIP ART DISK #1. Five type fonts and over 50 pieces of clip art to use with your Joy Paint program including flowers, cup of coffee, camera, no smoking symbol, various people, animals, skull and crossbones and dozens more! 65484 Disk \$9.95

### **More Clip Art For Joy Paint**

JOY PAINT CLIP ART DISK #2. More clip art for Joy Paint ... map of the U.S., Snoopy, buildings, train, trumpet, dice, piano, and 2 more type fonts. 65489 Disk \$9.95

### Print Any Label You Design

2495 22495 92% More Graphics Space Than Previous TI Graphics Programs The Screen Acts Like A Window!



"Joy Paint '99 is a truly great graphics program . . . it is programs like this that will help keep the TI alive." -MICROpendium

INV PAINT '09 is a nowerful but easy-to-use arani

JOY PAINT '99 is a powerful but easy-to-use graphics program that is completely joystick controlled. Creating pictures is easy, because there are no complicated instructions or cryptic keyboard commands to remember. And look at the features: TEXT, PENCIL, SPRAY PAINT, PAINT BRUSH, LINE, CIRCLE, RECTANGLE, ERASE, FAT-PIXEL, FILL, FLIP, ROTATE, INVERT, MAGNIFY, REDUCE, CUT, PASTE, MOVE, COPY, COLOR, VIEW, SHOW PAGE, and morel These are all easily selected by icon with your joystick. JOY PAINT '99 also allows almost twice the graphics space of many other programs by using the screen as a window to work on a larger drawing area. A useful UNDO feature helps correct mistakes. JOY PAINT '99 even conserves disk space by not saving blank areas in your graphic designs. Print-outs can be made in normal or double size, and in single or double-density. Works with Star, Epson and compatible printers. Requires 32K and either Extended BASIC, OR Editor/Assembler, OR Mini-Memory, From Great Lakes Software. Sug. Retall \$39.95 65459 Disk \$24.95 34.95 

**DESIGNER LABELS.** Have you ever wished that you could print graphic labels with your TI Artist instances? Welf, with Designer Labels, you can print any label you design, as many times as you want and in a number of standard mailing label sizes. It's so versatile that you can even print on 3X5 and 4X6 index cards. It's a great way to print up your designs on labels. Designer Labels requires 32K and either Extended BASIC OR Editor/Assembler. TI-Artist is also recommended.

76050 Disk

\$9.95

# 26 Utilities



ORDER TOLL FREE! 1-800-348-2778 M-F 8:00 a.m.-7:00 p.m. Sat. 8:00 a.m.-Noon (EST)

### User Friendly Communications Softwarel





Hill Linksho Tao Iao. Ridaan Al Cushimmer a a a baya ayaa (gargar) adalah iyo ayaa (

### **Rated** "A" by Micropedium

**WA TALK.** Telecomputing, or using your modern to talk to other computers, databases, bulletin boards, etc. is a lot of fun. Unfortunately, many "terminal

CorComp Inc.

Now, with the Peripheral Diagnostic Module you can troubleshoot your TI 99/4A system in your own home

### PERIPHERAL DIAGNOSTIC MODULE.

Until now, the TI 99/4A owner's only recourse when attempting to pinpoint a system malfunction was to find a willing friend with a similar TI system and swap out pieces ... or send the system off, piece by piece, to various manufacturer's service centers. Not viable options for many 99/4A owners!

Now, thanks to the Peripheral Diagnostic Module from CorComp, you can do troubleshooting at home! Saves lots of time **and** money!

The module plugs into the cartridge slot of the 99/4A and tests the operations of the expansion cards or stand-alone units.\*

The module will check the following peripherals and functions:

# Extended BASIC Programming At Its Best

**EZ-KEYS** is a new utility with a split personality. EZ-Keys is the Assembly Program that helps programmers more easily write Extended BASIC programs, and is also a program that lets users get much more out of any Extended BASIC program. How can it do both? EZ-Keys is the one program that lets one key do the work of many keys — among other things.

Here are some of the ways you can use EZ-Keys as a Programming Utility: • Write programs in any foreground and background color desired • Write programs in a character set with a true lower case • Enter up to 23 screen lines for each programming line • Set EZ-Keys to automatically save your program to disk every 1 to 18 minutes.

As a Productivity Tool, EZ-Keys will sit behind almost any Extended BASIC program, even those with Assembly. You can create customized versions for each application quickly and easily, plus call other macros from within a macro or even chain macros for truly large definitions and added versatility.

EZ-Keys requires 32K, Extended BASIC, 1 disk drive and a TI 99/4A, OR a Myarc Geneve and 1 disk drive. It includes a manual and tutorial. From Asgard Software. 73603 Disk \$14.95

emulator programs are confusing and hard to use. At last we've found a full feature communications package that is significantly easier to use than the others we have evaluated. Baud rate is adjustable from 300 to 9600, so this program will work with any standard modern. Supports Modern and TE II protocols. Full uploading and downloading. Easy-tofollow documentation explains how to set up your communications protocols. Requires 32K, properly interfaced modern, and Extended BASIC OR Editor/Assembler OR Mini-Memory. From DataBioTics. 34996 Disk



### Powerful Utilities



**DISK FIXER.** A powerful Assembly Language program that allows access to floppy disks by sector instead of file name. You can display or print the actual contents of any sector of a floppy disk. Other features allow you to change any byte on any sector or move data from one sector to another. This tool is ideal for fixing blown directories, improperly closed files, and recovering data from otherwise inaccessible diskettes. Includes "Hidden Powers of Disk Fixer." This 50 page manual contains complete step-by-step instructions to help you get the most from the powerful Disk Fixer utility. Requires Editor/Assembler and 32K.

Orig. Sug. Retail \$39.95
21575 Module and Manual \$14.95

**Disk Controlier and Drive System** 

- Test SS, SD; SS, DD; DS, SD; DS, DD.
- Select each drive for format and test.
- Display head step settings with CorComp card.

### 32K Memory

 Perform bit check and data retention test on 32K memory.

### RS-232 Interface

- Check Port 1 loop to Port 2 without a printer. (Requires Loop-Back Plug-included with module.)
- Check Port 1 or 2 out to printer with selectable baud rate.
- Check PIO out to parallel printer

If you're serious about maintaining your TI 99/4A system in top-notch working condition, you'd be wise to invest in this module. 120 day manufacturer's warranty.

38412 Peripheral Diagnostic

**PLEASE NOTE** — If you have a 1983 version 2.2 TI 99/4A console, you'll need the Cor-Comp '83 module adapter (see page 28) to be able to use this module.

\*Compatible with TI and CorComp cards and peripherals.

# The Ultimate Disk Dissector

ADVANCED DIAGNOSTICS does all the things you would expect a disk utility to do — read, print, or change — individual sectors, format and/or copy disks, show directories ... and much more. Now you can look "in between" the sectors for hidden information, partially format disks, create and crack protection schemes, even check the speed of rotation of your disk drive. Compatible with TI and CorComp disk controllers plus Myarc's 256K RAM disk. Package includes comprehensive 40 page manual. Requires 32K and Extended BASIC OR Editor/Assembler OR Mini-Memory. Sug. Retail \$19.95 38112 Disk \$17.95

HOW ARE WE DOING???? Please send us a note with your comments whether com-



. . . . . . .

HIDDEN POWERS OF DISK FIXER. 50 page manual (included with Disk Fixer module) helps you get the most out of the powerful Disk Fixer utility. 32563 Manual \$8.95





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Utilities 27

99 99 **Ousik** Salta and Stat Triple Modern Retail Value As Man As 5000 Draw With A Joystickl

DRAWING PAK. This program gives you the ability to draw any picture on the screen with your joystick and print it out in full page size. It's called "Draw 'N Plot" and it will revolutionize the way you think about computer graphics. Also included in this package are the "Best of Draw 'N Plot #1" which features 10 great pictures ready for you to read in, modify, and print. The "Best of Draw 'N **Plot #2**" gives you ten more super pictures such as the Christmas card and sportscar. This package is a terrific value and outstanding entertainment. From Quality 99 Sug. Retail \$59.95 Software.

75892 Disk

\$14.95 \$19.96

### Time Savers!

**PROGRAMMER'S PAK.** Here's a program that will not only help you save time, but will also help eliminate typing errors. You can enter any command with only 1 keystroke using its "Softkeys" feature. With the "QS-Converter" you can convert text file into a running program in no time at all. As if that's not enough, also included is the QS-Xref feature. QS-Xref gives you full cross-reference listing in only 2 minutes and it shows you where each variable and line number is used. It'll save you hours in the debugging process. From Quality 99 Software. Sug. Retail \$59.95 75852 Disk \$14.95 \$19.95

### A "Must" For **Multiplan Users**



OS-SIDEWAYS. Print your Multiplan spreadsheet sideways, in one long continuous form, as wide as you like. No more taping different sheets together. Works on TI, Epson, Gemini, Star, Panasonic, Okidata, Gorilla Banana, and Prowriter printers only. Also includes, FREE, the latest TI approved Multiplan enhancements, to load and run faster, and with repeating cursor. A "must" for every Multiplan user. Requires original Multiplan and Extended BASIC. From Quality 99 Software.

73684 Disk

Sug. Retail \$19.95 \$14.95

### **TI-Writer Without** The Cartridge

OS-WRITER. Did you ever wish you could load and run TI-Writer without the inconvenience of the bulky cartridge? Now you can do just that with Extended BASIC, OR Editor/Assembler, OR Mini-Memoryl No need to swap modules. It's so convenient, you'll wonder how you managed without it. You can even copy the Editor and Formatter programs onto the OS-WRITER disk so that everything you need is on a single, easy-to-use disk. Improved, now has Show directory command from main menu; also includes latest Public Domain TI-Writer enhancement files. (Does not include TI-Writer manual). Requires Extended BASIC, OR Editor/Assembler, OR Mini-Memory. Sug. Retail \$19.95

32722 Disk

Sale Price \$9.95

### Best-Selling Disk Willied

DISK TOOLS #1 PAK. Included in this program are many notable features. For instance, the "Disk Manager IV," is the only resident disk manager program that is always in memory and always ready-to-use which makes it more than just convenient. "Quick Copyer II" is the only full-featured disk copier. You can backup your disks in 3 passes or less. And the "Librarian" lets you print an alphabetized catalog on all your disks to help you find a particular program fast and easily. This is a tool pak that you shouldn't be without. From Quality 99 Software.

### 75861 Disk

Sug. Retail \$59.95 \$14.95 \$19.95

### More Disk Utilitied

DISK TOOLS #2 PAK. Here's a disk tool pak that has all the features you'd expect in a tool pak. You not only get "EZ-Loader II" which automatically shows you a menu of all the programs with only one keystroke, but also the "Duplicator" and the "Disk Labeler." "Duplicator" lets you backup your disks in only 2 passes. If you only have 1 disk drive, you know how indispensable such a feature can be. Finally, the disk labeler allows you to print a disk catalog in condensed print on a mailing label to put on your disks. At a glance, it tells you what is on a disk. From Quality 99 Software. Sug. Retail \$59.95 \$14.95 \$19.95

75873 Disk

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### Super Graphes and J

GRAPHICS PAK. You can have a lot of fun with this graphics pak and a little imagination. "Banner Maker" lets you make banners that say anything you desire. It's fast, easy and great for parties. With "Chart Maker II," you can easily make bar graphs and pie charts from your data. Add impact to your data and figures with a visual aid. If you're wondering how you can print out all your information, just look at what "Sdump II" gives you. All you do is simply press a key to print what is on the screen, in only seconds. What could be easier? From Quality 99 Soft-Sug. Retail \$59.95 ware. \$14.95 \$19.95

75883 Disk

### **RAM Disk For Foundation** Includes QS-RAM Chip FREE --- A \$39.95 Value!



**QS-RAMDISK.** Turn your Foundation 128K card into a true, 127 file RAM disk with no file size restrictions! You'll have all the capabilities of single-sided, singledensity disk only at RAM speed! Read, write, and save to the RAM disk exactly as if it were a regular disk drive, using all the normal BASIC and Extended BASIC commands. Written in Assembly Language. At last you can use the full capabilities of your 128K card. Requires disk system, Extended BASIC, and Foundation 128K card. Now includes QS-RAM Chip. Sug. Retail \$39.95 37049 Disk \$19.95



PICASSO 2.0. Designed exclusively for the TI 99/4A, this program supercedes all previous programs by combining the best features of the others with its own new features. One thing that you'll notice immediately about this program is that it is not limited to the visible screen. Rather, the screen acts as a window on a much larger screen — one that moves automatically as the user moves the drawing pen-CII.

Included in Picasso 2.0 are dozens of fill and draw patterns, an instantaneous zoom window and many others. You will be amazed at the level of control you



# Utilities

INTELPRO



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# TIJBM

### **Conversion Software**

### Transfer Files To IBM PC With Pep Works With Any Computer Including TI 99/4A

PEP. Printer Emulator Program is a utility that runs on your IBM PC and turns it into a "printer" for other computers. The PC accepts the input through its RS-232 port, and can display it on the screen, print it on a printer, and/or save it to disk. PEP will accept data at a very high rate of speed — 960 characters per second or about 50K per minute. Even lengthy lists or documents can be "printed" to the IBM PC in a snap. The new file created by the IBM PC is an ASCII file for easy manipulation by commercial or user-written software.

The uses for PEP are many. Users who have created lengthy mailing lists, word processing documents, or spreadsheets on the TI or other computers may want to transfer them to an IBM PC for use in sophisticated programs like 1-2-3, Wordstar, etc. The time saved by using PEP instead of retyping documents or data could pay for the program in just a few days, not to mention the prevention of keying errors.

Here's what you need: a computer (TI or other) with an RS-232 output, an IBM PC with at least 128K of memory (356 preferred), and an RS-232 output, DOS 2.0 or higher for the IBM, and a connecting cable. The documentation describes the cabling requirements so you may make your own or provide specifications to a cable maker. The cable listed below fits most configurations for connecting the TI 99/4A RS-232 output to the IBM PC. Contact our Customer Service Department to confirm what is right for your setup.

Package includes TI and IBM PC software plus complete and easy-to-use documentation. Runs on IBM PC, and many compatibles. From Intelpro.

38131 Disk, IBM PC

### \$59.95

# CorComp Inc.

### **The Real TI/IBM Connection Easyl No Cables Needed!**

THE REAL TI/IBM CONNECTION. At last you can convert files from TI format to IBM format. It's so easy that you don't need to physically connect 2 computers to do it. This revolutionary new program from CorComp actually lets your TI read and write IBM formatted disks using your existing TI system.

Think of the benefits: you can convert large databases or word processing documents to IBM format without time consuming and error prone retyping. You can even use your TI at home in the evening, then convert your information to IBM format for use in the office. Your possibilities are endless.

The most unique feature about this program is that it just plugs into your TI computer, and you're ready to go. Also, it does not require you to attach your IBM computer, because it turns your TI drive into an IBM compatible drive. All you have to do is select the files you want transferred from TI to IBM.

This product requires a TI system with 2 double-sided, double-density drives, and a CorComp disk controller card. (NOTE: This program can be used to convert a TI BASIC program stored in ASCII format to an IBM compatible format, due to software differences, modifications will be necessary in most cases. Also, some editing may be required when converting word processing or database files to make the converted files fully compatible with the software on the other computer.) In our opinion, this is the best new utility we've seen in some time. 68452 Cartridge \$59.95





NIBBLER. This is the most powerful disk duplicator available for your TI 99/4A. Unlike the TI Disk Manager Module which cannot access the 32K memory expansion, this program reads as much as the memory can hold and then writes it to the new back-up disk. In other words, your disks can be duplicated in only 1 to 3 passes. You'll save lots of valuable time. Compatible with both TI and CorComp systems, Nibbler copies most protected diskettes. Runs on Extended BASIC, Editor/Assembler OR Mini-Memory. 76274 Disk

\$9.95

SUPER EXTENDED BASIC WITH DRAW 'N PLOT. Whether you're an experienced operator or just a novice, you'll get everything Extended BASIC has to offer plus 33 new commands and 6 modified commands. You've got total control at your fingertips with this cartridge that is one of the most important upgrades for Extended BASIC.

Included in this powerful cartridge is the Draw 'N Plot graphics program from Quality 99 Software. It has 15 subroutines that can be used for extraordinary highresolution plotting and graphing. Its greatest feature is its simplicity. You don't have to be an experienced computer operator to use this program as it is straightforward enough for children. Print out your graphics on any Epsoncompatible printer. Draw 'N Plot requires 32K Memory Expansion only.

76130 Cartridge

\$59.95

### Utility Hardware



일구의 문화는 이야별 중에요 정말 위에 귀엽을 했다.

CORCOMP LOAD INTERRUPT SWITCH. Designed for use in conjunction with screen dump software like Screen Dump II from Quality 99 Software, this handy device lets you dump many cartridge screens at the touch of a button. (See page 27 for software details on Graphics Pak which includes SDUMP IIJ All you have to do is plug the interrupt switch into the side of the computer, load the screen dump program, and run the cartridge program. When you get to the screen you want, just push the button to print the full screen. 38164 Interrupt Switch \$13.95

CORCOMP '83 MODULE ADAPTER. In 1983 Texas Instruments produced a version of the TI computer which contained a GROM program that prevented the use of some cartridge software produced by other firms like Atarisoft. These computers can be identified by the tile screen which displays "Texas Instruments V2.2." This module plugs into the side of your TI 99/4A and lets you bypass the GROM and run the module of your choice. Sug. Retail \$34.95 38150 '83 Module Adapter \$27.95

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# Software Storage 29

### A Super Deal On **Diskette Storage**

100 DISK CAPACITY

DISK TRAY DS 100. This attractive disk storage tray conveniently holds up to 100 (51/4") floppy disks, more than any other tray we offer. The advanced design allows for easier handling and carrying. The smoked anti-static plastic hinged lid and unique styling add to its contemporary design of durable, high impact plastic. Includes 8 index dividers with labels for organization of filing and retrieval. And for extra security the disk tray features a small safety lock and keys. Sug. Retail \$19.95 66826 Disk Tray DS 100

 $\mathbf{095}$ 

# **ALLSOP** Small ls Beautiful



### **Keep Your Equipment Clean!**

DISK FILE/10. Here's the best way to protect your disk drives, monitors, keyboards and printers. It's the Allsop Cleaning Kit that doubles as the Disk File/10 which will help you organize your valuable floppy disks. You'll get a type font brush, screen cleaner, a head cleaning disk and the reusable container that displays disks for easy retrieval. Sug. Retail \$17.95 \$11.95 77571 Disk File/10





MEDIA MATE 3. Here's the ideal diskette file. It's the perfect way to protect, organize and store your diskettes while utilizing space most efficiently. It contains 5 adjustable dividers that help you organize your diskettes and supports them at a 30 degree angle for easy reading of I.D. labels. The Media Mate 3's sturdy construction and attractive appearance makes it right at home on the top of your desk at the office or at home. Holds 30-31/2" disks. From Amaray. Sug. Retail \$14.95 76478 Media Mate 3 \$11.95

DISKBANK SYSTEM 5. Information demands today require that floppy disks be stored, protected and organized in a systematic manner. That is why DiskBank was designed. Each module of DiskBank is fully detachable and transportable, yet interlocks to allow you to build a systematic diskette library. Retaining gates slide forward automatically for fast, easy access to diskettes. DiskBank can be arranged vertically or horizontally with labels to identify the diskettes within. It changes and grows right along with your needs, so you'll never need anything else! Package contains 5 modules for a total capacity of 50 (51/411) diskettes. Sug. Retail \$19.95 68578 DiskBank System 5 \$14.95

# 30 Printer Showcase



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OKIDATA

### High Performance, Low Cost, Full Width



**OKIDATA MICROLINE 1B3 PERSONAL PRINTER** is a lightweight, multi-function printer that handles full width 15" computer paper. Featuring 120 CPS bidirectional printer, 30 CPS in near-letter-quality mode at only 13.2 lbs., the Microline 183 stands just 5" tall. It includes a friction and tractor feed, supports super-, subscripts and underlining, as well as double width and condensed characters. At 55 decibels, the Microline 183 is one of the quietest dot matrix printers around. It's now-famous 9-pin printhead has a rated life of over 200 million characters. A Centronics-compatible parallel input board is standard. To use with your TI 99/4A, you'll need a parallel interface, see page 32. Includes one year warranty.



### The Compatible, Speedy, Versatile, Affordable Printer For Everyone!

**OKIDATA 180.** This is one dot matrix printer that is compatible with most computers, not just your TI 99/4A. By virtue of its exclusive **dual Interface**, this printer is compatible with dozens of computers. Its Commodore serial interface allows you to easily connect to the Commodore C64 or C128, while the Centronics parallel interface connects to your TI's RS 232 card as well as to IBM and compatible computers. To use with your TI 99/4A, use one of the parallel printer interfaces described on page 32. Other computers with a parallel output such as the Apple II, II+, IIe, Atari ST, Amiga FX and virtually all CP/M and MS-DOS computers can also be used with the Okidata 180.

Print text and graphics at a blazing 180 CPS in High Speed Draft Mode and 120 CPS in Utility Mode. Also print in near-letter-quality at 30 CPS. The Okidata 180 even supports super- and subscripts as well as continuous underline and condensed print modes. With its standard friction feed and fixed tractor you can print on computer paper, letterhead, 4-part forms, legal sized paper and more.

The printhead is rated for a life of 200 million characters and ribbon life is 3 million characters. The Okidata 180 is also covered by a full year warranty. Compatibility, durability and reliability all describe the Okidata 180.

71634 Okidata 180 printer	\$224.9
71655 Ribbon for Okidata 180	\$8.9
73959 Okidata 120/180 Tractor Feed Kit (for non-standard paper width)	\$ 39.9

# EPSON

### Everything You Need For Affordable, Professional Quality Printing

EPSON LX-800. Don't let the low price fool you. This printer can really fly. The LX-800 prints 180 CPS in draft mode or 30 CPS in near-letter-quality. Print in Roman or Sans Serif fonts, and change typestyles by simply pushing a button. The LX-800 is fully IBM compatible, and comes with both tractor and automatic single sheet feed --- at no extra cost. With Epson's 20-year reputation, as well as a limited one-year warranty to back this printer up, you know that you can expect great value, performance and durability. To connect to your TJ 99/4A, all you need is a parallel interface, see page 32. Sug. Retail \$299.00 68426 LX-800 Printer \$219.95 19200 Ribbon for LX-800 \$6.99





A25061 Microline 183 Personal Printer	\$279.95
71655 Ribbon for Okidata 183	\$8.95

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# 8895 Sicola micronics · inc NX-1000 Rainbow Color **Printer.** Near Letter Quality . . . And In Color! NX-1000 RAINBOW COLOR PRINTER. Get near-

# **Printer Showcase**

### High Speed Multi-Font Printer

Print Sample:

abcdefghijklmnopqrstuvw abcdefghijklmnopqrstuvw/ ABCDEFGHIJKLMNOPORSTUVW **b**bcdefghijklmnopqrstuvwi

With its new paper parking function, you are able to use the single sheet feeder without removing the tractor feed. Light Emitting Diode (LED) indicator lights located on the control panel tell you a a glance the status of the printer such as power on, print pitches, type styles and on-line status. The NX-1000 Rainbow gives you the choice of typestyles like Courier, Sans Serif, Orator-1 and Orator-2, in a choice of Pica, Elite, condensed Pica and condensed Elite, Italic is available in all print modes. Although no compatible color graphics software currently exists for the TI 99/4A, the NX-1000 Rainbow can be used to produce color text, or you may design your own programs for use Sug. Retail \$379.00 with this printer. 75077 NX-1000 Rainbow Color Printer \$269.95

letter-quality at 36 CPS and high-speed draft at 144 CPS.

75485 Ribbon for NX-1000 Rainbow Color Printer \$9.95



STAR NX-1000. The NX-1000 gives you a choice of pitches and print styles: Courier, Sans Serif, Orator-1 and Orator-2 type styles, in a choice of Pica, Elite, condensed Pica and condensed Elite. Italic is available in all print modes. Get near-letter-quality at 36 CPS, and high-speed draft quality at a blazing 144 CPS.

With the aid of the new paper parking function you can now use the single sheet feeder without removing the tractor feed. The operator panel features LED indicator lights for instant confirmation of power, type styles, print pitches, and on-line status. Extra features like enlarged and proportional printing are also included on the NX-1000, a printer that easily out-distances all other printers in its Sug. Retail \$289.00 class. For use with your TI 99/4A, a parallel interface is required (see page 32). \$188.95 74827 NX-1000 Printer \$5.95

75471 NX-1000 Black Ribbon



STAR NX-15 PRINTER. A great choice if you need a full width (15") printer for extra wide output. Speed

STAR NR-15. With near-letter-quality at a speedy 60 CPS, and a blazing 240 CPS in draft mode the NR-15 can handle all your printing needs. It includes a huge 12.6K buffer and a standard parallel interface port. Full 15" width. Requires parallel interface to use with: Sug. Retail \$799.00 your TI, see page 32. 63148 NR-15 \$539.00 \$11.95 63155 NB24-15 64241 Ribbon for NR-15

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STAR NB24-15 PRINTER. The ultimate performer The NB 25-15 prints an incredible 216 CPS in draft mode and 72 CPS in its letter quality mode. It's 24 pinprinthead means superb letter quality printing. Includes 4.5K buffer, full 15" print width and parallel (Centronics) input. Requires parallel interface to use Sug. Retail \$1099.00 with your TI, see page 32. \$749.00 63455 Cartridge Ribbon for NB24-15 \$9.95

through documents with 120 CPS in draft mode and 30 CPS in near-letter-quality mode. With its 9-wire print head, 4K buffer, auto paper feed, tractor and friction feed and full one-year warranty, the NX-15 insures outstanding print quality. Requires parallel interface to use with your TI, see page 32. Sug. Retail \$499.95

\$340.95

\$11.95

55807 NX-15 64241 Ribbon for NX-15

# **Printer Accessories**



### **ORDER TOLL FREE! 1-800-348-2778**

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# PRINTER INTERFACES FOR YOUR TI 99/4A





### **Stand-Alone RS-232** Interface

COR COMP STAND-ALONE RS-232 INTERFACE. Provides 2 serial ports and 1 parallel port for connecting printers, plotters and modems. To connect parallel printer — use standard parallel cable listed below. 29784 Stand-Alone RS-232 Interface

\$127.00

### For Use With Expansion Box

COR COMP RS-232 CARD. Fits perfectly in your Ti Expansion Box to provide printer, modem, or other communications capabilities. Like the original from TI, this CorComp RS-232 card offers both parallel (1) and serial (2) interfaces. The serial port may be split into 2 ports by using a "Y" cable (#10069 on page 38) allowing simultaneous use of 2 serial devices. 120 day manufacturer's warranty. To connect parallel printer — use standard parallel cable listed below.

### Direct Connection

PI/O PLUS PRINTER INTERFACE. You'll be able to connect any parallel input printer directly to your computer. Just plug one end into the side of your console and the other into your printer. 120 day warranty. From CorComp. Sug. Retail \$59.95 42250 Parallel Printer Interface \$49.95

Sug. Retail \$117.95 Only \$89.95 MYARC RS-232 CARD. Features 1 parallel and 2 serial ports (requires Y cable #10069 on page 37 to access second serial port). Fits perfectly in TI Expansion Box. Extensive manual included. To connect parallel printer — use standard

parallel cable listed below. 32986 RS-232 Card

13300 RS-232 Card

Sug. Retail \$120.00 \$99.95

### Cables

**PARALLEL CABLE-STANDARD.** For all the following printers with parallel inputs: Epson (all models), Star-Micronics (all models), TI, Prowriter, Gorilla, TP-II, L1000, Mannesman Talley, Okidata 180, Okidata 183 and Panasonic (all). 10021 5 foot length

22243 10 foot length

\$24.95 \$34.95

More cables page 38.

### **Software/Interface Combination**

WORDWRITER PLUS. Included with this powerful and straight forward word processing program is a interface for any standard parallel printer. From DataBioTics. Sug. Retail \$74.95

65564 Cartridge & Cable

\$59.95

### If You Mail Diskettes **You Need This Protection!**



Diskette Mailers

from

micro al

Our DISKETTE MAILERS are made from heavy corrugated cardboard and designed to give your diskettes the protection they need for mailing. The packet holds up to 6 diskettes and provides space for your "FROM" and "TO" addresses. Order in handy quantities of 5 or 10. 54682 5 MicroPal Diskette Mailers \$2.49 54691 10 MicroPal Diskette Mailers \$4.39





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# **Bulk Labels Save \$\$!**

If you are tired of playing premium prices for little packages of labels that are gone in no time, try these high quality continuous labels specially designed for computer use. The bigger packages will last longer, and you'll save big money!

**ONE-ACROSS LABELS.** Perfect for mailing lists! Labels are self-adhesive on continuous pin-punched carrier for tractor feed printers. Carrier width 41/411. Label size 3½ x 15/16", This label will work with all mailing list programs that use a standard size label. Big 5000 quantity box at a bargain price.

19267 One-Across Labels

\$13.95

THREE-ACROSS LABELS. Self-adhesive labels on a continuous 91/211 wide carrier that fits all standard printers --- even fixed tractor units. Labels are 23/4"x15/16" and placed in rows of three. 3000 to a package!

22277 Three-Across Labels

\$14.95

DISKETTE LABELS. These 4" x 1-7/16" labels are specially designed for use on magnetic media — they feature a special latex adhesive that lets you pull the label off with no shredding and no adhesive residue. Labels are on perforated carrier for computer use, but you can just write on them if you want to. Lots of other great uses, tool Big package of 1000!

67464 Diskette Labels

\$11.95

### **No Printer** Should Be Without It!



COMPUTER PAPER. Handy packages of the best quality printer paper. Continuous 91/2"x11" sheets of 20# bond clear white paper, "Z" folded with 1/2" per forations on each edge. Tears clean for letterhead quality drafts. Each package contains 500 sheets.

29535 Computer Paper

Only \$9.95



# Printer Accessories

Colorful



Printer Paper



**BANNER/SPREAD ROLL.** The perfect product to support all those programs that make banners, signs, and use spreadsheets, one box contains 1 color -45"x81/2" roll of continuous tractor feed paper, (no cross perforations) which includes the roll in its own dispensing box, and "Grabber Strips," to keep the box stationary. Available in 3 vibrant colors.

75795 White	\$12.95
75804 Blue	\$12.95
75817 Yellow	\$12.95

This three-color assortment pack provides you with 100 sheets each of sky blue, cherry red, and autumn gold\* continuous sheet, 60 pound paper for your tractor feed printerl

ASTROBRIGHT PAPER is the perfect partner for Print Shop, PrintMaster and other graphic programs. Adds excitement to postcards, signs and posters . . . even greeting cardsl

37439 Color Printer Paper \*Colors may vary.

\$17.95

### **Printer Ribbons and Accessories**

### Enhance your system. Improve efficiency with these useful products.



34784 \$13.95

34802 \$17.95

70715 \$11.95

### AXIOM

Ribbon for GP-550 COMMODORE Ribbons from MEMOREX	33814	\$ 10.95	Ribbon for NX-1000, Ribbon for NX-1000,
-Ribbon for Commodore MPS 801 -Ribbon for Commodore MPS 802/1526 -Ribbon for Commodore MPS 803 EPSON	40630 40644 40659	\$	<ul> <li>—Ribbon for NP-10, NX</li> <li>—Ribbon for NX-15, NR</li> <li>—Cartridge Ribbon for</li> <li>—Ribbon for Gemini 10</li> <li>—Ribbon for SD-10.</li> </ul>
<ul> <li>—Ribbons, black inked fabric, three million character life. Simple drop-in cassette. Fits all MX, RX, FX-85, FX-86E and LX-800 models.</li> <li>—Ribbon for MX, RX, FX-100, FX-286 and FX-286E models.</li> <li>—Ribbon for Spectrum LX-80 and LX-86.</li> <li>—Dust covers, top quality antistatic vinyl protection for MX,</li> </ul>	19200 19215 65725	\$ •	<ul> <li>—Ribbon for SD-15.</li> <li>—Ribbon for SR-10.</li> <li>—Ribbon for SR-15.</li> <li>—Ribbon for PowerTyp</li> <li>—Serial interface adapte</li> <li>—Tractor feed option for</li> </ul>
RX, and FX-80 models.	19272	\$ 8.95	-Thermal printer paper

### **STAR MICRONICS**

-	-Ribbon for NX-1000, NX-1000C Black Cartridge	75471	\$ 5.95	
	Ribbon for NX-1000, NX-1000C Rainbow Color Cartridge	75485	\$ 9.95	
	-Ribbon for NP-10, NX-10, NX-10C, NL-10, ND-10	41666	\$ 7.95	
	-Ribbon for NX-15, NR-15, ND-15,	64241	\$11.95	
1	-Cartridge Ribbon for NB-15, NB24-15.		+	
	-Ribbon for Gemini 10X, SG-10/15, SG-10C		\$ 9.95	
	-Ribbon for SD-10.	21631		
	-Ribbon for SD-15.	34713		
			\$11.95	
	Ribbon for SR-10.	34732	\$11.95	
I	Ribbon for SR-15.	34746	\$13.95	
1	Ribbon for PowerType.	31083	\$ 7.95	
	Serial interface adapter for Gemini 10X.	21626	\$54.95	
	-Tractor feed option for PowerType.	31079	\$54.95	
	-Thermal printer paper for STX-80 (two 100 ft. rolls).	+	\$18.95	
	SG-10 Users Manual.	34799	\$15.95	
			~ ~ ~ ~ ~ ~ ~	

### OKIDATA

- -Ribbon for Okidata 120, 180/ML183 Ribbon
- -Okimate Black Ribbon
- ---Okimate Color Ribbon
- -Okidata 120/180 Tractor Feed Kit SEIKOSHA

---Ribbon for SP-1000, SP-1200AI, SP180VC, SP-180

. . . . . . .

\$8.95

71655

74076

-Gemini 10X-15X Technical Manual. -SG10/15/SG-10C Technical Manual ----NP-1000 Technical Manual \$4.95 Technical manuals include schematics, flow charts, parts lists, diagrams, 71675 \$5.95 trouble shooting, etc. 73959 \$39.95

Sheet feeders available --- call for information. Interfaces available for various models — call for information.

54652 \$ 8.95
# **34** Printer Accessories



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# AMARAY







**PAPER TRACTOR.** Carries ordinary sheet paper though your tractor-feed printerl simply place your letterhead, checks, invoices, forms, even legal-sized sheets into the durable flexible plastic carrier and feed into your adjustable tractor-drive printer. Works with most printers.

22084 Paper Tractor

\$11.95



**UNIVERSAL PRINTER STAND**+. Developed for use in the home or office, this adjustable 2 piece printer stand and cantilevered paper tray holds a 12" or an 18" printer. Angled to allow comfortable document viewing and convenient paper storage. Foam pads reduce printer noise and vibrations. Rubber feet prevent sliding. The paper tray neatly stacks over 500 sheets of continuous paper.

68599 Universal Printer Stand +

Sug. Retail \$19.98 \$14.95



PRINTER STAND. At last a printer stand priced for homes and small offices! We've always liked the convenience and organization of an elevated printer stand -you can put your paper underneath the stand to save valuable table space and make feeding easier. The problem, up until now, has been price. Stands sold to the office market often cost \$40, \$50, \$60 or even morel These great stands from Suncom, a leader in microcomputer accessories, solve the price problem and offer features not found on models costing more than twice as much. The stands feature neavy dury welded steel wire construction and have a vinyi coating to reduce noise and vibration and provide an attractive appearance that will blend with your computer decor. Another plus that the designers of many more expensive stands left out our Suncom stand holds the printer at an angle that makes it much easier to see your output as it is being printed. жу . We use one in our office and agree that this much convenience at such a low price is real value. Available in 2 widths: 12" for most 80 column printers (Gemini 10X, SG-10, NX-10, etc. J, and 18" for most 132 column printers (Gemini 15X, SG-15, FX100, etc.).

**DATA TRANSFER SWITCH.** Instantly switch your computer between two printers (or any other "Centronics" parallel devices) with one knob on this top quality "A-B" switch. Back of switchbox has three female 36 pin ribbon connectors, just like almost all the parallel printers on the market. Plug your computer's male 36 pin printer cable into the connector marked "common," then use the cables described below to connect the other connectors to your printers.

68104 Parallel Switch Box

Sug. Retail \$59.00 \$24.95

Parallel "Centronics" Male-to-Male 36 Pin Cable. Connects parallel data transfer switches to parallel printers. Six foot length. Sug. Retail \$39.00 33570 Parallel Male-to-Male Cable \$11.95



1000

PAPER TRAY. Once Suncom gave us an efficient, economical printer stand, they went to work on another problem ... what to do with the printout that comes out of the printer and tends to spill all over the table and floor and get into a real mess? They developed the Suncom Paper Trayl The tray is of the same solid construction as the printer stand and attaches to the rear of all Suncom stands. It receives the printed paper as it comes out of the printer and helps to neatly fold and stack it. A real labor saver! Sug. Recail \$ 14.95 42091 Paper



33232 12" Printer Stand 33246 18" Printer Stand Now Only \$6.95 \$74:95 Now Only \$10.95 322:95



**DOCUMATE 2.** Tired of craning your neck to read the material you're typing into the computer? DocuMate 2 puts your work up on a 9"x12" easel and holds it in place while you type, this also frees up desk space for greater efficiency. Made of durable, lightweight injection-molded plastic. DocuMate 2 includes extra clips and conveniences not found on most other copy holders. Adjustable ruler keeps you from losing your place on the page. Great for home, school or office. From Suncom **42404** Documate 2

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### Disk Drive & Accessories 35

### **Disk Drive** Accessories



To add external drives to your Ti expansion box system, or to connect any drive(s) to the CorComp Micro-Expansion System, you will need a box with power supply and the appropriate cable to connect the drive(s) to the disk controller. The accessories listed below may be used with the bare Texas Instruments drive, a single or double-sided Tandon drive, or half-height drives.

BOX WITH POWER SUPPLY. Accommodates 1 full-height or 2 half-height disk drive(s). Vertical type. Heavy gauge formed steel.



20164 Box with Power Supply Only \$59.95 **CABLE WITH ONE EXTERNAL DRIVE.** Connects 1 drive to the card edge (external) connector on the Ti, CorComp, or Myarc disk controller card.

10178 Cable for One External Drive Only \$21.95 CABLE FOR TWO EXTERNAL DRIVE. Same as above for 2 drives.

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Joysticks 37



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Cartridge Peripherals 39



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