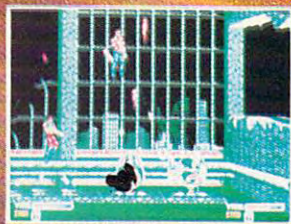


# FACE THE FIRE

*Weapons of fury.*

*It's the next century in FORGOTTEN WORLDS, and you're the only one left who can save Mother Earth from savage aliens. Your space-age weaponry is awesome but so are your obstacles! Armed with an anti-gravity device you can fly through enemy defenses and eradicate the alien bases. But watch out! Missiles, monsters, dragons, robots and laser guns are bombarding you from every direction!*

*If you're ready to save Earth's defenseless men, women and children, see your favorite software retailer or call Capcom U.S.A. at 408-727-1665*



*There's havoc in the factory as you blast away the invaders.*



*The Bronze Dragon is a formidable foe. You never know when it will strike!*

**CAPCOM<sup>®</sup>**  
**USA**

Circle Reader Service Number 125

[www.commodore.ca](http://www.commodore.ca)





# GROW UP!

watch the returns as they come in, just like network coverage. At the end of the reporting, you can see how well you did in each state.

## A Precarious Balance

You won the election, so now it's time to sit back and sign bills into law and give fireside chats. Right? Wrong. Now the fate of the free world lies in your hands. So, load Mindscape's *Balance of Power: The 1990 Edition* and get ready for some heavy-duty diplomacy.

This political-strategy simulation puts you in charge of superpower political and military relations. As the president of the United States, you increase your country's geopolitical prestige and weaken the Soviet Union's while trying to avoid a nuclear war.

Like the original *Balance of Power*, the *1990 Edition* centers around foreign policy. Using mouse-click diplomacy (the PC version runs under *Microsoft Windows*), you try to sway as many countries as possible over to your line of thinking and away from the Soviet Union's. There are two ways to do this: You can buy their support, or, if that doesn't work, eliminate their current government and install one more sympathetic to your cause.

You exert influence in a number of ways. Giving money to a government or insurgency will strengthen its position. If things get really heated, you can send in troops to help out either side. At higher levels, you add economic aid, diplomatic pressure, destabilization, and trade policy to your diplomacy arsenal.

You won't find it easy to expand your influence, though. The Soviet Union protests most of your actions. The trick to international diplomacy is deciding how far they'll take their objections. If they back down, your prestige goes up and your influence increases. If not, you'll ignite a nuclear war and drop out of the *COMPUTE!* Leadership Academy rather abruptly (since nobody has developed the *Nuclear Winter Construction Set* yet). You also get the opportunity to protest Soviet diplomatic moves.

Every choice you make in this game can have massive repercussions. A four-person crisis advisory group makes suggestions, but the ultimate decisions lie with you. If you're successful, you retire after eight years. If not, there won't be anybody left alive to criticize your performance.

## Divine and Conquer

You've completed the first four courses in the *COMPUTE!* Leadership Academy. After eight years as president, you probably feel it's time for graduation. Not so fast. Because of your exceptional performance, you've been admitted to the graduate program.

A mist comes over you, and you lose consciousness. Groggy, you awaken and find yourself floating over a green landscape. You've loaded Electronic Arts' *Populous*, and now you have the ultimate responsibility: You're a god in charge of protecting your followers.

Unfortunately, there's another group of people on the little world below you, and they follow

a different supreme being. This universe isn't big enough for the both of you. You have to use your great powers to help your disciples eliminate the other god's followers.

The first thing you'll need to do is make the land around your followers more hospitable. Do this by leveling out mountains so that your people can build homes and farms. As you increase the flat lands, your population (called *walkers*) will begin to multiply, build larger dwellings, and move out to cover more land. Of course, since you are their deity, you can influence where and when they move. And the more they spread out and multiply, the more power you get.

While all of this is going on, the evil deity is building up his own population. However, you have a few tools that make life harder for him. Earthquakes, floods, and volcanoes destroy the evil god's carefully cultivated lands. Change



Floods and volcanoes are among the natural disasters you can use to conquer this icy *Populous* world.

parts of his home territory into a swamp and watch his walkers disappear into the ground. Transform your walkers' leader into a knight who burns and pillages enemy villages. You have to keep the evil deity's land from developing, or his population will grow more quickly than yours, and yours will be overwhelmed.

When you feel mighty enough, you can send your walkers over to conquer his. If you have enough power, you can call for Armageddon, and all of the walkers will converge on one point for a knock-down, drag-out battle to the finish. If you win, you'll have only 499 other worlds to conquer.

## Graduation Time

Congratulations! You're now a graduate of the *COMPUTE!* Leadership Academy. You've proven your command skills by conquering Eurasia, wiping out the Soviet navy, winning the presidency, making it through two terms without starting a war, and conquering an entire universe. Not a bad job.

So, now that you've finished the *basic* course. . .



Denny Atkin is assistant editor for *COMPUTE!*. He's better at ruling the universe than he is at conquering the ancient world.



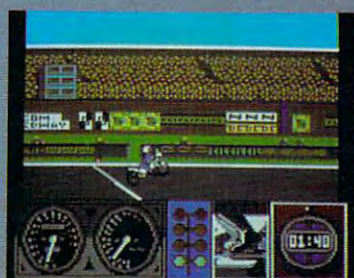
# SANTA CLAUS IS COMING TO TOWN

Better watch out!

After a test ride on *Pocket Rockets*, the high-speed motorcycle simulation game, Santa picked up a new sleigh that will make this year's rounds faster than ever. And whether you've been naughty or nice, you could win this Suzuki 600 Katana during "Santa's Sleigh Giveaway" in January.

Meanwhile, experience all the thrills and spills of high-speed racing with machines that take you from zero to 60 in under four seconds. Already gaining critical acclaim, *Pocket Rockets* lets you choose from four of the quickest, most exotic bikes on the planet. The action's as real as the adrenaline you'll feel.

Then, enter "Santa's Sleigh Giveaway" from Capcom U.S.A. Besides the chance to win a new Suzuki motorcycle, you could get a Bell full coverage helmet, or Capcom computer game software. Look to enter in all Capcom computer game packages or visit your favorite computer game retailer for more information. Capcom's belated Christmas giveaway is just around the bend so don't miss out on your chance to win!



LEFT: Try your skill against the clock with a couple of laps around the test track. RIGHT: Drag racing demands a quick wrist and fast shifting. Just don't blow the engine!

## POCKET ROCKETS



### SWEEPSTAKES RULES How to Enter:

1. NO PURCHASE NECESSARY. Fill out and mail official entry found in package or you can enter by hand printing your name, address and zip code on a 3" x 5" piece of paper and mailing it to CAPCOM Santa's Sleigh Giveaway, 3303 Scott Blvd., Santa Clara, CA 95054. Enter as often as you wish. Each entry must be mailed separately by JANUARY 15, 1990. No mechanical reproductions of entry will be accepted and all mail-in entries must be received at the above address by JANUARY 31, 1990. No responsibility is assumed for lost, late, misdirected, or damaged entries.
2. Prize winners will be determined by means of a random drawing to be conducted by an independent judging organization whose decision shall be final. All prizes listed will be awarded, but there can be only one prize winner per household, group or organization. Odds of winning depend on the number of entries received. Approximate grand prize retail value is as follows: Suzuki Katana \$4,495.00. Winners will be notified by mail by FEBRUARY 15, 1990 and may be required to execute affidavits and advertising release. Taxes on prize winnings are solely the responsibility of the winners.
3. Sweepstakes is open to U.S. residents except employees of CAPCOM U.S.A. and their immediate families, its subsidiaries and affiliates, its advertising and promotional agencies, and the judging firm. Prizes won by minors may be awarded to parent or legal guardian. Void where prohibited or restricted by law. All Federal, State and Local regulations apply. For a list of major prize winners send a stamped, self-addressed envelope to CAPCOM Santa's Sleigh Giveaway Winners List, 3303 Scott Blvd., Santa Clara, CA 95054 by MARCH 31, 1990.

**CAPCOM**<sup>®</sup>  
USA



# GAMESCOPE

H I N T S   A N D   T I P S   F R O M   O U R   R E A D E R S

**H**as your confidence sunk after playing a few rounds of MicroProse's *Red Storm Rising*? Here are some sure ways to stay afloat. *Red Storm Rising* has a Help key (Alt-H on the PC version) that summons advice from the tactical computer. You should use this often when you first start playing. The advice it gives you is almost always correct and can get you out of tight spots. I've found the tips for avoiding enemy torpedoes invaluable. Don't feel like you're cheating—every good captain asks his or her advisors for tactical advice. As you gain experience you'll find you won't need the help key often, but you'll be glad it's there.

If you have a spotty sonar contact with an enemy sub, but you can't get a steady reading, fire a torpedo in the general direction of the contact. Wait until the torpedo is a good distance from your sub and then activate it. When the enemy submarine detects your torpedo, chances are it will make plenty of noise trying to get out of the torpedo's way, giving away the sub's position.

If you're in combat against a diesel sub, don't waste time stalking it. Fire a torpedo at it immediately—you're faster and more maneuverable.  
*Denny Atkin  
Greensboro, NC*

## Tetris Tower Tips

Here are some tips for improved *Tetris*-tower building, to help make those late nights playing Spectrum HoloByte's hit game last even longer.

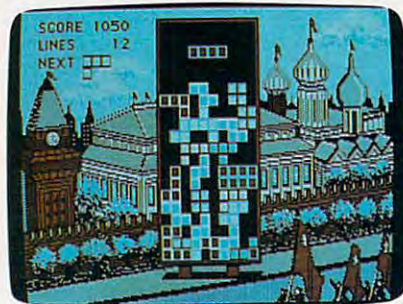
If you don't know the best way to arrange each piece, you're probably wasting precious seconds and shapes. Although it's tempting to use the straight piece in long vertical spaces, using them horizontally is actually more efficient—two pieces fill almost an entire line.

Always leave a space for a cube, even if that space is very deep. The

cube can be very useful or very troublesome depending on how you prepare for its fall. Simply leave two adjacent spots at the same height, whether it's at the bottom level or somewhere on the way to the top.

The *T*-shaped piece is the most versatile of all. It can act just like either *Z*-shaped piece as well as the *L*-shaped piece. When it falls, use it to fill the space that would be hardest to fill otherwise—a space that can only be filled by one other shape, for example.

Use the keyboard instead of the joystick. This tip is debatable, especially among arcade-game fans. If you're more accustomed to a joystick,



Learn the best spot for each *Tetris* piece or you'll waste precious time.

you might hate the keyboard. However, you'll find that you can keystroke your way to the right position much more accurately and quickly. When a cube shows up, the keyboard is particularly useful. The cube always shows up in the same position on the screen, so, if you can figure out how many keyboard clicks to your open position, you don't even have to aim. You can be focusing at the top of the screen, watching for the next shape.

Third, practice by playing at level 1 and game speed 13. You'll improve your playing under pressure, so you won't have to just stare at the space-station background as the pieces drop chaotically onto the pile.

*Heidi E. H. Aycock  
Chapel Hill, NC*

## Stand and Deliver

If you want to be a successful swash-buckler in MicroProse's *Pirates!*, sailing the Spanish Main in search of treasure fleets, you'll have to learn some hard lessons about war at sea in the days of wooden ships.

I learned my tactics from hours of playing *Broadsides* (a board game that's still a lot fun in these days of silicon sails, but unfortunately out of print) and countless Saturday afternoons at the Ben Ali theater, watching every pirate movie that came to town.

First lesson: Choose the right ship. A pirate is more a guerrilla fighter than a field general. In this game, you'll come across several ships during your travels. A war galleon or frigate may look impressive when you sail into port, but give me a well-provisioned sloop on the open ocean. It's a fast and extremely maneuverable vessel—even when your sails are close-hauled for battle.

There's one naval tactic that, if mastered, can bring up your enemy's white flag while keeping damage to your own ship at a minimum. "Crossing the T" is when your ship crosses directly behind or across the bow of the enemy ship. The advantage of such a move is obvious: It allows you to send a full broadside into the other ship's hull and rigging while leaving its guns without a target.

Crossing the T takes some practice and experience in reading the winds and in steering your ship so that it doesn't get crossed itself. But once you get the hang of it, it's a sure-fire way to make your roger jolly.  
*Peter Scisco  
High Point, NC*

*If you have game tips and shortcuts of your own, we'd like to hear from you. Send your tip, no matter how brief, to COMPUTE! Feedback, P.O. Box 5406, Greensboro, North Carolina 27403. If we publish your suggestion, we'll send you a gift.* □



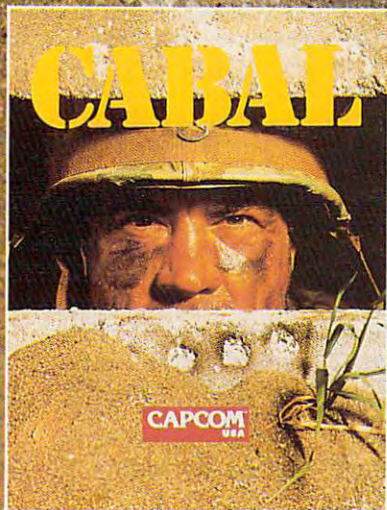
# ANOTHER ONE BITES THE DUST

*Eliminating terrorists.*

*Easier said than done. You must destroy these soldiers of fortune who strike you with machine guns, tanks, grenades and worse. Only then can you celebrate your victories.*

*Go beyond traditional war games and see why CABAL is #1 in the arcades. The fast action of every covert operation keeps you at the edge of survival.*

*See your favorite software retailer to enlist in the excitement. Or for more details, call Capcom U.S.A. at 408-727-1665. Act fast so that "another one" is one of them.*



*Cabal Screen Shots.*

**CAPCOM®**  
**USA**

Circle Reader Service Number 131

[www.commodore.ca](http://www.commodore.ca)





# REVIEWS

HYPERCHARGE PCS, BATTLE TANKS, CLOCK CAVEMEN, CRASH COPTERS, STACK SOUNDS, SEEK SHIPS, DISINFECT ISLANDS, WORK WORDS, MANIPULATE MICE, AND MORE.

## HYPERPAD

**T**he key to success in today's information-oriented society is organizing and managing your data. All that information you have stored in your PC won't do you much good if it's hard to get to. Brightbill-Roberts' *HyperPAD* lets you create push-button solutions to do this.

Similar in concept to the Macintosh's *HyperCard*, *HyperPAD* is a professional productivity tool that allows you to organize and link information together in almost any imaginable manner. You create screens of information, called *pages*, and link them together to form a *pad*. Buttons that you add to various pages in the pad can link them together or be used to launch other programs.

The package includes a well-done, powerful home pad that performs as a DOS shell and as a launching point for creating new pads. A number of valuable sample pads are also included. Not only are these other pads useful, but they serve as good examples for creating your own pads as well.

Getting around in *HyperPAD* requires that you invest some time at the start. To activate onscreen buttons, click on them with your mouse pointer or press Enter when the button is highlighted. The arrow and Tab keys move the highlight from one button to the next. Pull-down menus and shortcut keys provide additional commands. The plethora of choices presents an initial challenge, which is compounded by a bit of confusion because the Tab and cursor keys seem interchangeable at some times and at

others, don't. But once you've learned how to navigate, you can begin to appreciate this innovative interface and information manager.



**HyperPAD lets you customize pads to organize and access your information.**

I was frustrated during the early stages of creating pads, but in the end I gained admiration for the program. The manual takes you step-by-step through the process of pad creation as you build a To-Do List. This simple example proved easy, but experimentation presented a set of unexpected difficulties to which the manual provided either unclear answers or no solutions at all. Fortunately, I was able to solve many of my problems by trial and error, but not all users will want to take that route, nor should it be expected of them. A great program like this deserves a more complete and descriptive manual.

Each pad contains at least one page. You can add pages, define attributes for them, and place buttons and editable fields anywhere on them. You can spruce up your pages with titles and by adding different shadow, fill, and highlight colors.

You can create rudimentary graphics designs using *HyperPAD*'s painting functions. However, potential PC Picassos should be warned

that *HyperPAD* runs on a text screen, so you're limited to using character graphics.

Any object you place on a page must be accompanied by a script if it's to be of any use. You write scripts in a special language called PADtalk. You should find the scripts easy to write, because PADtalk's language is much like English and its logic is uncomplicated.

I was pleasantly surprised to find that, within an hour of starting, I could create pages that faded out and peeled off to other pads and pages. After about a day's work, I had a page that reminded me of uncompleted chores, I had note cards for important addresses and phone numbers, and I even had background music. More complicated applications will require much more time, but this indicates the relative ease with which pads can be created.

*HyperPAD*'s flexibility gives it the potential for use in a wide variety of applications. It can be used as an information organizer or even as a simple database manager.

You can also use it as a DOS shell. Once you set up a shell pad, you can simply press a button to start a program instead of going to a sub-directory and typing the program name. *HyperPAD* is more powerful in this respect than many dedicated shell programs because each button of a pad can represent a complex set of instructions specified by a PADtalk script.

According to Brightbill-Roberts, a program that converts Macintosh *HyperCard* stacks to *HyperPAD* format is under development by a third party, which would make thousands of *HyperCard* stacks into a resource for *HyperPAD* users. One advantage *HyperCard* enjoys over similar pro-



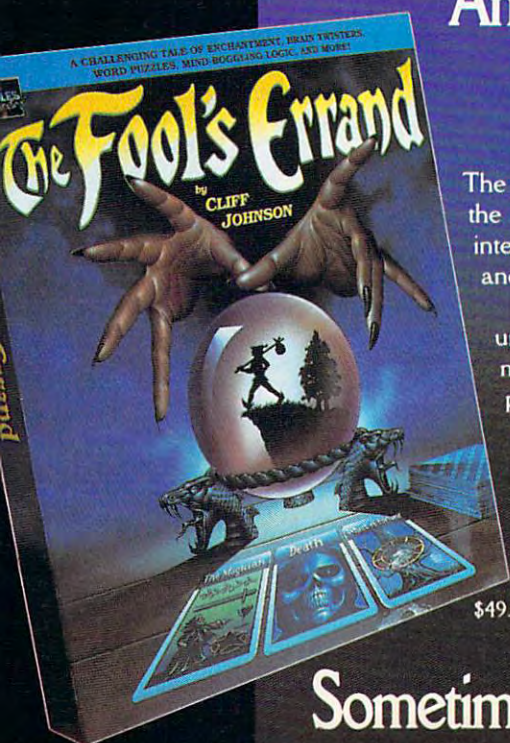
# A Fool's Errand- 1492.

# The Fool's Errand- 1989.



Columbus  
Discovers  
America.

America  
Discovers  
A Great  
New Game.



The award-winning *Fool's Errand* is a game like no other. It tells the enchanting story of the fool in his search for wisdom, intertwined with over 80 original puzzles: graphic, word, logic, and more.

Each unique puzzle is woven into the threads of the unraveling story. The puzzles give you pieces of the sun's map. But the map is a puzzle as well. And there are more puzzles that lie hidden in the map.

You figure it out.

And when you do, you will be rewarded with a four-minute animated finale.

You will have earned it.



\$49.95. For IBM or compatible, Tandy, and Macintosh computers. Available at your local retailer or order direct from Electronic Arts Direct Sales at 1-800-245-4525.

Sometimes, it's wise to play the Fool.

MILES  
Computing



grams like *HyperPAD* is that almost every Macintosh owner has a copy (it comes free with the Mac operating system). You can't access *HyperPAD* pads unless you're running the program, so you can't share your pads with other users unless they own *HyperPAD*. However, developers can create stand-alone pads by licensing a special runtime version of *HyperPAD*.

*HyperPAD*'s power, its ease of use (especially when creating pads), and its potential applications elevate this program to a level few others achieve. For many PC users, its value is enormous.

RICHARD C. LEINECKER

IBM PC and compatibles—\$149.95

BRIGHTBILL-ROBERTS  
120 E. Washington St.  
Suite 421  
Syracuse, NY 13202  
(315) 474-3400

## HEAVY METAL

**G**eneral Douglas MacArthur once said: "In war, there is no substitute for victory." Access Software's General E. E. "Bud" Dink apparently disagrees, because in *Heavy Metal* you can lose every battle and still win the game.

*Heavy Metal* is an arcade combat game, not a disk filled with *Quiet Riot* and *Twisted Sister* songs. It places you at the controls of an M1A1 Abrams Main Battle Tank, an Air Defense Anti-Tank system, and an XR311 Fast Attack Vehicle.

With the computer's forces outnumbering you almost 2 to 1, it's almost impossible to win the war. The game becomes a struggle to reduce the enemy's superiority.

You begin the game as a Cadet with the ultimate goal of getting enough points to be promoted to Five Star General. Before *Heavy Metal* will allow you to play the strategy game, you must complete three arcade combat games. After achieving a minimum score in each, you are promoted to Second Lieutenant and can assume leadership of a field unit.

When you choose the strategy option, you must maneuver four units on the battlefield against the overpowering enemy. You issue commands and monitor the progress of all four units on the Tactical Command Center (TACC) screen while protecting your headquarters from enemy ad-

vances. When a unit becomes low on ammunition or fuel, you must order it back to headquarters to resupply. While your units square off with the enemy, the program lets you know how well you're doing by displaying the enemy's advantage at the beginning of play compared with its current edge. The smaller the advantage, the more points you'll rack up.



Fire quickly in *Heavy Metal* or your tank will be reduced to a pile of molten metal.

You could sit back and watch the battle take place on the TACC screen, but your forces will suffer a humiliating defeat, and you'll become bored with the game if you do. It's important to join the fight. Joining any of the four units takes you to the arcade sequences, but this time you're not just shooting at planes and tanks at random, you're trying to reduce the total number of enemy units.

The tank units are the most difficult to master. You'll want to keep the game's keyboard reference card nearby. Besides shooting and controlling the tank's direction, you must select targets, regulate the tank's speed, rotate the turret, move the gun barrel up or down, and choose from three types of shells. These commands are scattered around the keyboard, requiring you to frequently look away from your monitor, which can be fatal.

The easiest unit to command is the Air Defense Anti-Tank (ADAT) system. It's almost too easy, because the missile launcher uses a laser-tracking system to find the target and shoot it down. This modern technology makes you feel less a part of the action. The ADAT also has a 30-mm cannon, which does require you to line up the targets in the crosshairs.

In the third combat scenario, you drive across a desert landscape in an armed dune buggy. Your Fast Attack Vehicle speeds across the terrain while you fire at or try to avoid obstacles.

*Heavy Metal* supports CGA, Hercules, and EGA graphics boards. However, the 3-D landscapes lack variety and character, even in EGA mode.

You can pause in the middle of battle to catch your breath or start

your own resupply movement (head to the kitchen for a snack). If you find yourself playing late into the night, you can save up to ten games on disk to finish later.

You can install *Heavy Metal* on your hard disk. However, the game uses a soft copy-protection scheme that requires you to match an on-screen outline of a tank with one of 16 shown on an included chart. Several of the tanks look similar, and the silhouettes on the sheet are difficult to see. Like other games using this procedure, getting the program to run turns into a game in itself.

It's a long, hard road to Five Star General, and you'll lose many battles before achieving that rank. But if you like the challenge of being the underdog, you just may succeed on the Access battlefield.

MICKEY McLEAN

IBM PC and compatibles with 384K and CGA, EGA, or Hercules graphics—\$44.95  
Commodore 64/128—\$39.95

ACCESS SOFTWARE  
545 W. 550 S  
Suite 130  
Bountiful, UT 84010  
(801) 298-9077

## CAVEMAN CLOCKWORK

**T**ime doesn't mean much to kids. Tomorrow and Christmas are unbearably far away, and five minutes ago is ancient history. But, as grownups have discovered, time does matter. Schedules must be kept and deadlines must be met. Luckily, *Caveman Clockwork* is here to help your kids bridge the gap.

Designed for children ages 4-8, *Caveman Clockwork* teaches and reinforces the concepts and skills children need to tell and manage time.

Following an introductory round of Big Ben-like beeps, you get an opening screen dominated by an animated dinosaur, complete with winking eyes and a wagging tail. The animation isn't fancy, but it's charming. There's something undeniably appealing about the simple movements, something every kid who sees them will love.

The dinosaur announces, via a cartoon-style balloon that covers most of its tummy, the options available, which fall into two categories. One set introduces basic time concepts, while



# Mean Streets

## An Interactive Detective Movie

It's the year 2033. Your name is Tex Murphy, private investigator in San Francisco. You've been hired by the beautiful daughter of a university professor to uncover the facts about her father's death.

As you begin your investigation, you uncover the deaths of several prominent members of the scientific community. Are these deaths coincidental, or is something more sinister going on?

- You will interact with more than 27 characters which animate and respond to questions, bribes and threats.
- Some characters actually talk. This spectacular effect is achieved by synchronizing digitized animation with *Real Sound™*
  - You'll crack high-tech security systems.
  - You'll rummage through offices, warehouses, and factories as you search for vital clues.
  - You'll risk your life in action-packed shootouts.
  - You'll fly to major cities along the west coast in your Lotus speeder. This land and air vehicle is a full 3-D solid-fill flight simulator.

Mean Streets features *Real Sound™* our own proprietary technology that allows MS-DOS computers to play high quality digitized sound effects, music and speech WITHOUT HARDWARE.

Real Sound™

ACTUAL 256 COLOR VGA SCREENS



**ACCESS**  
SOFTWARE INCORPORATED

545 WEST 500 SOUTH, BOUNTIFUL, UTAH 84010  
(801) 298-9077 1-800-824-2549

[www.commodore.ca](http://www.commodore.ca)

Circle Reader Service Number 150



the other offers activities that let children practice those concepts they've learned. Each option is described by words only—there are no graphics or other visual hints to help kids who can't yet read.



Children will have hours of fun learning to tell time with *Caveman Clockwork*.

Selecting an item brings up a colorful prehistoric panorama, complete with a smoking volcano, a bright yellow sun, and a road paved with red brick. In the middle sits an enormous analog clock (remember those?) flanked by a pair of cavepeople who wear, among other things, well-worn socks. Socks? These guys look more like vagrants. But my six-year-old thinks they're delightful, and that's good enough for me.

These cave folks are, it seems, still wrestling with the basic concepts. "What time is it?" one asks. The other, confused by the very notion, replies, "What is time?"

"Look, they don't know about time either!" one child observed delightedly. His conclusion: If it's OK for the cavepeople to be confused, then it's OK for modern kids to be confused, too.

Tutorial options cover all sorts of basic time-telling concepts, including hour and minute hands and how the clock face looks at different times of day. Children are encouraged to interact with the analog clock by entering a time (in 12-hour hh:mm format), which is then displayed on the analog clock face. *Caveman Clockwork* also shows how time passes, speeding up the onscreen clock's hands.

After the kids have mastered the basics, *Caveman Clockwork* introduces a genius caveman (in high-top sneakers yet) who has finally figured out what time is all about. However, his newfound knowledge hasn't gone to his head, and he's apparently made it his life's work to help others figure out time concepts too.

He spreads his knowledge the old-fashioned way: by asking questions. What time does the clock show? What time was it 15 minutes ago?

What time will it be 30 minutes from now? Kids enter answers in hh:mm format; correct answers are acknowledged by a volcanic eruption. After three wrong answers, the correct time is revealed.

At the end of each session, you get a summary of how things went. A report shows time spent in tutorials, time spent practicing skills, and total time. You're also told how many exercises were completed and how many of your answers were right or wrong.

*Caveman Clockwork* is a well-prepared tutor. However, it's also an impersonal one. Names are important to children, but this program can't be personalized to call your child by name.

The program is also fairly verbose. Blocks of onscreen text accompany many activities, and prereaders may be lost unless Mom or Dad sits down to help out.

But that's no problem. You'll enjoy sitting down with your kids for a visit with these well-dressed cave folks. Just be sure when you're having all that fun that you don't lose track of the time.

STEVE HUDSON

IBM PC and compatibles with EGA or VGA and color monitor—\$39.95

BL EDUCATIONAL SOFTWARE  
2899 Agoura Rd. #529  
Westlake Village, CA 91361  
(805) 498-8121

## APACHE STRIKE

**Y**ou're flying an AH-64 Apache attack chopper at street level, dodging gunfire from tanks and other helicopters. You find your primary target—what appears to be an orbital communications satellite floating in the center of the city.

This is the unlikely scenario behind Activision's *Apache Strike*. In this fast-action arcade game, you must pilot a helicopter through a maze of skyscrapers, blasting away tanks and helicopters while searching for the Strategic Defense Computer (SDC). On earlier levels it's relatively easy to use your radar to find the SDC and destroy it quickly, without worrying about other targets. However, you may want to save the SDC for last, since you earn bonus points for destroying all the tanks and choppers.

Graphics in *Apache Strike* are sparse but colorful. The city you fly through is populated by identical gray

skyscrapers, with only an occasional elevated crosswalk to break up the landscape's monotony (and break up your helicopter, should you accidentally fly into one). However, the cockpit and enemy vehicles make good use of color. This is one of the few low-priced arcade games I've seen that takes advantage of the 256-color graphics available with VGA and MCGA adapters.

*Apache Strike* is best played with a joystick or mouse. While you can control the game with the keyboard, the speed-control keys are so far away from the keys used to fire guns and missiles that you'll find yourself looking down at the keyboard, a distraction with deadly consequences.

If you're looking for a realistic helicopter flight simulator, look elsewhere. But if you just want blow some bad guys out of the sky without having to think too hard, *Apache Strike* may be for you.

DENNY ATKIN

Commodore 64/128—\$14.95  
IBM PC and compatibles—\$14.95

ACTIVISION  
Distributed by Mediagenic  
3885 Bohannon Dr.  
Menlo Park, CA 94025  
(415) 329-0500

## HYPERSTUDIO

**Y**ou're thumbing through a stack of index cards, looking for information on famous rock singers. As you stop to look at the Elvis card, the sound of *Jailhouse Rock* blasts from the stack. You press a button on the card marked *Early Career*, and a new card pops to the top of the stack, displaying a moving video of the King on "The Ed Sullivan Show."

This seemingly magic stack of cards isn't in your hands. You created it on your Apple IIGS using *HyperStudio* from Roger Wagner Publishing.

Like *HyperCard* on the Macintosh, *HyperStudio* uses a metaphor of a stack of index cards upon which you can place graphics, text, sounds, and video images. On the cards are buttons that let you interactively move through the deck.

You don't move through the cards in a linear fashion, as you would with a book or movie. Pressing a button leads you directly to another card, a stack of cards, or even a stand-alone program such as *AppleWorks*. *Hyper-*



# "I Challenge You To Win A Caribbean Vacation!"

— Major "Wild Bill" Stealey

President, MicroProse

## Enter "The Major's Mission" Contest and take off to the Caribbean!

Just ask your retailer for details on how to receive your Top Secret documents. They contain your mission orders and a tough set of questions on four of our hottest games: F-19 STEALTH FIGHTER, RED STORM RISING, F-15 STRIKE EAGLE II and M1 TANK PLATOON. To find the answers, read through your documents. Then send in your answers to win!

You'll get to preview these four games, plus you'll have the chance

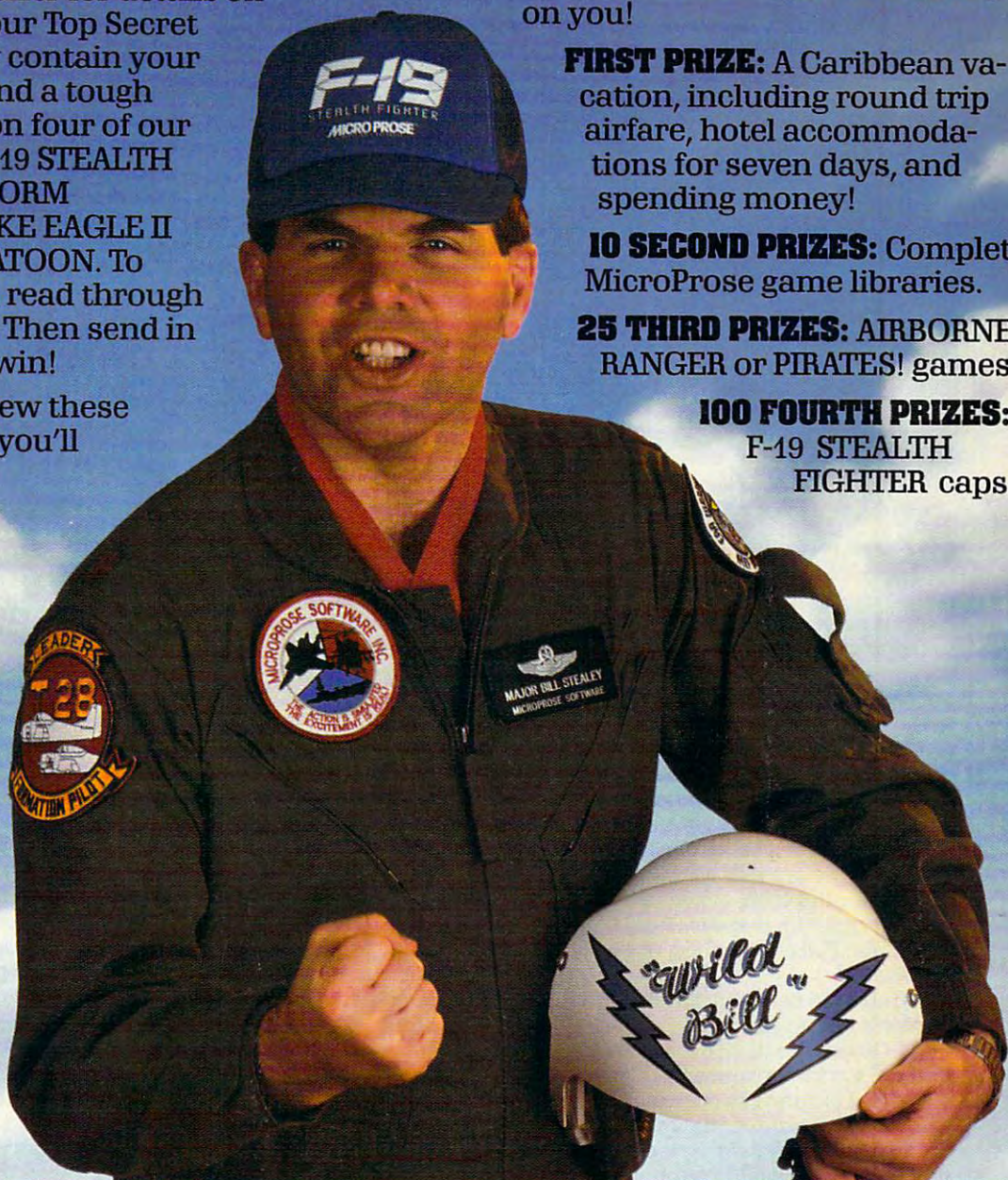
to win a fabulous Caribbean vacation, or one of 135 other awesome prizes! So enter now. The Major is counting on you!

**FIRST PRIZE:** A Caribbean vacation, including round trip airfare, hotel accommodations for seven days, and spending money!

**10 SECOND PRIZES:** Complete MicroProse game libraries.

**25 THIRD PRIZES:** AIRBORNE RANGER or PIRATES! games.

**100 FOURTH PRIZES:**  
F-19 STEALTH  
FIGHTER caps.



Employees of Microprose Software, Inc., Stooker & Quinn, Inc., their affiliates and members of their families living in the same household are not eligible. Void where prohibited. Entry materials and complete details available at participating retailers until 12/31/89 or while supplies last. Official entry form only. No reproductions permitted. Bill Stealey, USAF Reserve. Offer is not affiliated with, sponsored or endorsed by the US Air Force.

Get Ready! Contest Starts November 1, 1989!

**MICROPROSE™**  
Just For Fun.



*Studio* lets you incorporate high-resolution color graphics and digitized sounds, and it even lets you control a videodisc player—so you're not just moving through text, but through a world of sight and sound.

The *HyperStudio* package includes four non-copy-protected disks, a manual with tutorial and reference sections, a sound-digitizing card, a microphone, and an amplified speaker. Setup is fairly easy—it took me about 15 minutes. The sound digitizer card screws into a hole in the back of the Apple IIGS and draws power from the fan connector near the back of the motherboard. Because the *HyperStudio* digitizer card doesn't use an expansion slot, it has less noise interference than other cards have.



Create superb sound and graphics with Roger Wagner's *HyperStudio*.

On the program disks, you'll find the *HyperStudio* authoring program, sample stacks, over 250 clip-art images, music, sound effects, and three sound-manipulation programs.

The files created with the *HyperStudio* program are referred to as *stacks*, and stacks are made up of *cards*. To create a card, you start by choosing a background. A Rolodex card might have a blank background, while other types of cards might have ornate and colorful backgrounds. You can design backgrounds using the built-in painting tools, or you can import pictures from programs such as *8/16 Paint*, *PaintWorks Gold*, or *DeluxePaint II*.

Once your background is in place, it's time to add objects to your cards. Objects can be blocks of text, pictures, sounds, or buttons. Text blocks and pictures can be created within *HyperStudio* or imported from other programs. You can record sounds using the built-in recording tool and microphone, which operates like an onscreen cassette recorder, or you can import sounds from *HyperStudio*'s Sound Shop program. Buttons come in several shapes and sizes,

or you can create your own. Because buttons can be visible or invisible, you can use any part of the card as a button. If you want a door to open when pressed, outline it onscreen and use the door as a button.

*HyperStudio* includes three programs that work in conjunction with the included sound digitizer. Sound Shop is a utility that lets you digitize, edit, and save sound files. Although *HyperStudio*'s sound-tool feature also lets you record sounds, Sound Shop gives you finer control over the process and also lets you convert sounds recorded with other products. Sound Shop also lets you control the quality of the sound sample and add an echo to a sound. Sound Browser lets you browse through and hear sound files on a disk, while Sight 'n Sound lets you set up a disk to bring up a superhi-res picture-and-sound file while a disk is starting up.

*HyperStudio* can also control videodisc players, allowing you to attach video images or sequences to any card in a stack. Using *HyperStudio* in conjunction with Apple Video Overlay Card, you can add images from a VCR or laser disc player to individual cards.

Exploring completed *HyperStudio* stacks, loaded with backgrounds and objects, is really fun. Pressing buttons can trigger sounds, animations, pictures, programs and all sorts of other surprising events. It was really unusual to hear my daughter's voice coming from my Apple IIGS when I pressed a window on a picture she had painted. Among the wide variety of stack ideas suggested in the user manual are an interactive adventure story, a children's ABC book, a repair guide, interactive tests, family trees, and graphics databases of animals, art, and countries. Best of all, you don't need a lot of programming knowledge to create your own stacks.

*HyperStudio* is a revolutionary product for the Apple IIGS that is guaranteed to unlock some doors to the machine's true potential. It's definitely not the type of package you'll buy and abandon in a few days. In fact, if you start playing with *HyperStudio*, there's a good chance people wonder where you've been lately.

JOEY LATIMER

Apple IIGS with 768K RAM, 3½-inch drive—\$129.85

ROGER WAGNER PUBLISHING  
1050 Pioneer Way  
Suite P  
El Cajon, CA 92020  
(619) 442-0522

## SEARCH FOR THE TITANIC

**Y**ou've flown a military jet, managed a baseball team, raced a Porsche on the Autobahn, and led your country into war—without leaving the safety of your computer room. Now you can sink to new depths with *Search for the Titanic*.

Shipwrecks have a fascinatingly mysterious quality. What you find when you dive on a wreck is intriguing, addicting, and terrifying. And the most fascinating wreck of all is the Titanic.

Capstone's *Search for the Titanic* not only provides hours of oceanographic adventure, but also does a good job of explaining how the ship was found. Dr. Robert Ballard, the leader of the expedition that discovered the great liner four years ago, spent enormous sums of money achieving his goal. Once you've played this game, you'll understand why he needed it all.



Experience the excitement of undersea explorations in *Search for the Titanic*.

In *Search for the Titanic*, you must get together the money for a series of discovery expeditions, then equip your expedition and sail to the site of the wreck. There, you must coordinate your divers and equipment as you explore sunken vessels.

There is a mini-game in which you search only for the Titanic, but the real challenge lies in the full game, where 77 wrecks wait to be found. You begin with only \$10,000, with which you must rent a ship, hire a crew and divers, and buy fuel and provisions before you can look for a wreck. When you find one, dive to it and then return to port to improve your reputation. An improved reputation means a greater chance of securing funding for future expeditions, which in turn yield an even better rep-



# DRAGONS OF FLAME

Advanced  
Dungeons & Dragons<sup>®</sup>  
COMPUTER PRODUCT



*Tanis confronts a troll before the throne in the Hall of Ancients.*



*Traveling through the wilderness, Sturn encounters a Draconian.*

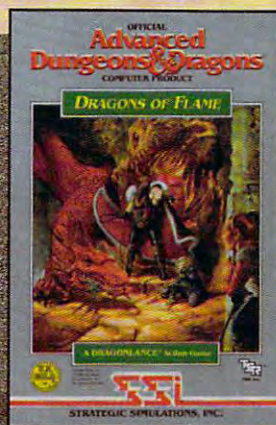
Set in the legendary DRAGONLANCE<sup>®</sup> game world, DRAGONS OF FLAME explodes with red-hot action. You control up to ten Companions, one at a time. Your quest: rescue slaves held by the ravaging Dragonarmies in the foul fortress of Pax Tharkas.

Your wits and reflexes better be sharp. In this game, you're either quick...or you're dead. Each Companion possesses specialized skills. Use these skills to evade evil Draconian patrols. Keep one step ahead of the Dragonarmies while battling scores of deadly monsters.

All the terrors of the journey, however, pale in comparison to the horror of your destination. The fortress of Pax Tharkas looms before you, crackling with vile energy.

Can you stand the heat?

## CAN YOU STAND THE HEAT?



Coming Soon:  
IBM PC  
C-64/128  
ATARI ST  
AMIGA

TO ORDER:  
Visit your retailer  
or call  
1-800-245-4525 to charge on VISA/MC.

To receive SSI's complete product catalog, send \$1.00 to: SSI, 675 Almanor Avenue, Sunnyvale, CA 94086.



TSR, Inc.

ADVANCED DUNGEONS & DRAGONS, AD&D, DRAGONLANCE and the TSR logo are trademarks owned by and used under license from TSR, Inc. ©1989 TSR, Inc. ©1989 Strategic Simulations, Inc. All rights reserved.



STRATEGIC SIMULATIONS, INC.<sup>®</sup>

[www.commodore.ca](http://www.commodore.ca)



utation. You're in this business for excitement and glory, but your sponsors want something more.

Four types of ship are available for rent or purchase, ranging from the lowly \$50,000 Moyu to the \$600,00 Voyager. You can start your expedition from over 40 different ports around the world, each one rated according to technical level, important for repairs and equipment availability. Planning includes getting your ship and choosing a starting port, then hiring your captain, doctor, navigator, mechanic, technicians, and divers. Each of these people gets paid by the day, and the more experienced they are, the more they'll cost you.

You must also buy equipment. At first, you can't afford any, which means you will only be able to scuba dive on shallow wrecks. Later, you'll want to consider purchasing items like a magnetometer (\$10,000), platform sonar (\$80,000), weather radar (\$10,000), and minisub (\$750,000). Because all your initial money is needed to rent a ship, buy supplies, and hire a crew, this equipment is completely out of reach until later in the game.

After choosing a wreck to search for, then getting your plan evaluated and finding funding, you're ready to head to sea. In Navigation mode, you guide your ship to the approximate coordinates displayed on the wreck chart. Once close to the site, switch to Exploration mode and zero your ship in on the target. When you're close, stop the ship and send down the divers.

Two divers go down at a time, spend some time on the bottom, then resurface and tell you what they've found. First you have them survey; then, when they've found the wreck, you send them down to explore it. You can view a digitized picture of what they find. These photographs are especially exciting when you find the Titanic; VGA owners are treated to some spectacular photos of the actual wreck.

If the wreck is below scuba-diving depth, you'll need advanced equipment just to find it. The magnetometer will locate large pieces of metal lying on the ocean floor. Ship sonar, deep sonar, and platform sonar return information about water depth, revealing possible wreck locations. You need all three to fully cover the varied ocean depths. Once you know where the wreck is, you can send down your minisub or bathysphere to explore the sunken ship and bring back artifacts and treasures.

A command you'll definitely

want to use when playing *Search for the Titanic* is ALT-W, which toggles warp speed on and off. Warp speed changes the game from realtime to accelerated time. Without it, the game would be unplayable because all of the diving and exploring would, in realtime, take hundreds of hours.

*Search for the Titanic* is an extremely educational game. You'll learn what it takes to find a sunken ship, and you'll begin to appreciate the enormous financial commitment needed to make such discoveries. Finding shipwrecks is something few of us will ever get to do. This excellent simulation will expand your port of call beyond the computer room.

— NEIL RANDALL

IBM PC and compatibles—\$39.95  
Commodore 64/128—\$29.95  
An Apple II version will be available soon.

CAPSTONE  
14160 SW 139 Ct.  
Miami, FL 33186  
(800) 468-7226

## ARCHIPELAGOS

**A** dark force has spread over the archipelago. The radiation emanating from the tall obelisk looming defiantly on the horizon is polluting the once-serene isles. Only you can rid this strange land of the evil power that infects it.

The object of this unusual and addictive game from Britanica Software's FanFare line is to destroy the obelisk that you'll find on each of the game's 9999 levels. Before it can be eliminated, you'll have to find and destroy a series of radioactive nodes scattered around the islands. Destroying the nodes is easy—just place a crosshairs pointer on the same square as the node and collapse it with a click of the mouse button. Only after collapsing every node on a level will the obelisk become vulnerable. At that point, you'll have just 90 seconds to find and destroy it.

As you examine each landscape in search of nodes, the mouse or cursor keys can be used to pan around your position. To move across the landscape, you place the crosshairs on any green land square and click on it. You'll zoom to the new location as the checkered ground scrolls smoothly beneath you. The animation is superb.

Most of the island landscapes of *Archipelagos* are very large and irregularly shaped, making it nearly impos-

sible to thoroughly search each area without consulting a map. By pressing a function key, your view is replaced with a map that includes a closeup of your immediate surroundings. Also helpful for getting your bearings is a mysterious red planet that sits in the northern sky.



**You must save the land from viral trees and other infections in *Archipelagos*.**

Although you can only travel onto green land squares, you can convert other squares to green land if you have enough energy. Your energy supply increases each time you destroy a node or collect a sand pod. You'll need to do this to get over large patches of infected land or to build land bridges to reach other islands.

Many of *Archipelagos*' early levels are fairly easy and can be completed without ever creating new land or disinfecting any red squares. As you reach higher levels, the game becomes increasingly difficult. For instance, instead of finding all of the nodes on the same land mass as the obelisk, you'll have to search a number of individual islands for them and create new land squares over the ocean to reach them. Also, the number of viral trees infecting the land increases. If you get too close to a viral tree, it could infect the land you're on, killing you in the process. Beginning on level 13, you'll also have to worry about a necromancer that rises from the ground and moves around the landscape turning land squares to sand. Since each node must be connected to the obelisk by a contiguous land path before it can be destroyed, the necromancer can make creating and maintaining these paths a nightmare.

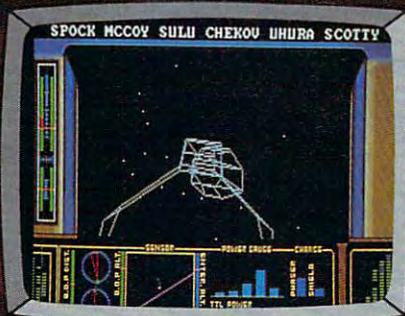
Things really start getting tough on level 20, when eco-eggs begin hatching. One type of egg quickly infects the land with radioactive wastes, while another eats away at the land itself until there is nothing left. Finally, tornadolike air cleaners begin to appear on level 25. Contact with any of these will kill you, forcing you to start the level over again.

*Archipelagos* has a lot going for it



**Spock! — aren't  
you supposed to  
be dead?**

**I rebooted!**



Actual IBM® Screen

These are the continuing voyages of the starship Enterprise™, brilliantly rendered with ultra-realistic graphics, digitized film footage, and spectacular sound. This is your chance to take command of the ship — and embark on an adventure of strategy, action, and excitement unlike any you've experienced.

**Boldly go where no man  
has gone before...**



Actual IBM® Screen

# STAR TREK®

## THE FINAL FRONTIER

M I N D S C A P E

Visit your retailer. To purchase by mail, send your credit card number and expiration date, or send a check or money order to: Mindscape Inc., PO Box 1167, Northbrook, IL 60065. IBM®, Tandy®, Macintosh™, Amiga™, and Atari™ ST: \$54.95. Please add \$3.00 handling and allow 3-5 weeks for delivery. Lawyers like this part. Copyright © 1989 Paramount Pictures Corporation. All Rights Reserved. STAR TREK is a Registered Trademark of Paramount Pictures Corporation. Mindscape Authorized User. IBM is a registered trademark of International Business Machines Corp. Tandy is a registered trademark of Tandy Corp. Macintosh is a trademark of Apple Computer, Inc. Amiga is a trademark of Commodore Amiga Inc. Atari is a registered trademark of Atari Corp. Powered for Mindscape by Level Systems. All Rights Reserved.



besides slick graphics animation and addictive gameplay. Each time you complete a level, you're told how long it took, and you're given the option to move on to the next level or repeat any of the previous levels. The highest level you've completed is automatically saved to disk, so, each time you play, you can pick up right where you left off. If you enjoy games that combine challenging logic puzzles with first-rate graphics animation, you'll definitely like *Archipelagos*.

BOB GUERRA

Amiga—\$39.95  
Atari ST—\$39.95  
IBM PC and compatibles with CGA or EGA—\$39.95

FANFARE  
Distributed by Britannica Software  
345 Fourth St.  
San Francisco, CA 94107  
(415) 546-1866

## BEYOND WORD WRITER

To make a dent in the crowded PC word processor market, publishers must try to create the ultimate text-editing program, one that's easy to use and laden with every bell and whistle developers can cram in. TimeWorks' *Beyond Word Writer*, an ambitious upgrade of the popular *Word Writer* program, is a new contender that just might have what it takes to be noticed in the crowded sea of word processors.

*Beyond Word Writer's* simplicity starts with the WYSIWYG (What You See Is What You Get) interface. There are no codes to memorize for basic operations; all editing options come from pull-down menus, dialog boxes, and mnemonic keyboard commands. File management, block moves, and page formatting are handled quickly and easily. You can begin writing standard documents like letters and school reports with a minimum of setup and study. A timed backup feature, several levels of Undo, and context-sensitive help screens make basic word processing relatively foolproof.

If you're accustomed to using another word processor and don't relish the thought of learning a new interface, *Beyond Word Writer* can mimic the command sets of *WordStar*, *WordPerfect*, *Microsoft Word*, *Sprint*, *PFS:Professional Write*, and *Lotus*

1-2-3. It has a file-translation utility to import documents created with those programs, as well as standard ASCII files. Up to three documents can be open at once in separate sections of the screen, allowing you to cut and paste between them. This convenience isn't available on many PC word processors, but most writers will find it invaluable.

There are three ways to use the 100,000-word spelling checker: You can have it check automatically as you type, check when you've completed the document, or look up single words. I found the 240,000-synonym thesaurus weak in many subject areas; you're better off with an unabridged copy of *Roget's*. Additional writing aids include an outliner, a proofreader for catching simple errors, a FOG readability analyzer, a word counter, and a mail-merge function. A macro utility lets you record multiple keystrokes, such as your name and address, and add them to your document by simply hitting two keys.



*Beyond Word Writer* is a full-featured word processor that's still easy to use.

Besides basic writing and editing features, *Beyond Word Writer* includes some desktop publishing capabilities as well. *Beyond Word Writer* supports such text styles as boldface and underline and allows you to mix them freely in the document. You can insert formatting rulers at any point in your work, using them to create tables with decimal tabs or to center or indent extracts. You can vary line spacing, but not leading, and define your own page breaks. The program supports autohyphenation; widow and orphan control, to keep paragraphs together at the beginning and ends of pages; and sticky spaces between words that you don't want to split up at the end of a line.

Most of the advanced formatting features—such as index generation, columns, and footnote numbering—require adding codes to the text or stepping through complicated dialog boxes. However, once you've learned the procedure for a particular opera-

tion, it's easy. *Beyond Word Writer* does lag behind other similar programs in its handling of graphics. Although you can create boxed text and line rules, *Beyond Word Writer* can't import graphics or create them from within the program. This is a real shortcoming for report writers.

I expected a feature-laden program like this one to be sluggish, but it raced right along on my 10-MHz AT. The only time the program had trouble keeping up was in multicolumn mode, when I couldn't tell how the columns would look until I finished typing.

On the whole, *Beyond Word Writer* is a responsive, robust, well-crafted program, with only one minor bug that I could find. I was able to lock it up once by trying to reformat an existing single-column document into two columns. The program inserted a duplicate of the first line of text at the top of the first page. When I tried to delete the line, the program hung, forcing a reboot. All other features of the program worked; however, the alphabetic and numeric list sorting, which is mentioned on the packaging, did not make it into this version. Still, *Beyond Word Writer* delivers on its promise of simplicity and power at a reasonable price.

STEVEN ANZOVIN

IBM PC and compatibles with 512K—  
\$199.95

TIMEWORKS  
444 Lake Cook Rd.  
Deerfield, IL 60015  
(312) 948-9202

## MOSTLY MICE



Once you become accustomed to using a mouse with your computer, you probably find it awkward to run programs without mouse support. Luckily, a solution has arrived for users of three major word processors. Mostly Mice Software offers three products that add mouse capability to existing word processors: *El Perfecto*, for *WordPerfect*; *The Star-Mouse*, for *WordStar*; and *Mouse-Mate*, for *MultiMate*.

Installing the drivers is easy. Simply run the install program and answer some questions about how your system is configured, and the files will be copied to the appropriate directory.

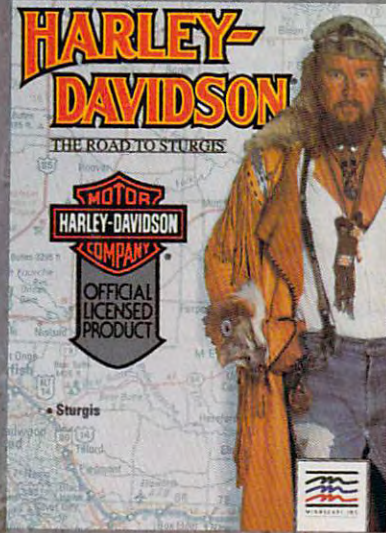
After you've installed the program, you'll find a number of menus



# Presenting two ways to ride a Harley® in style.



- Hat \$2
- Sunglasses \$12
- Bird-bone Choker \$125
- Bear-claw Pendant \$95
- Ram's-head Neckpiece \$250
- Quillwork Medicine Pouch \$125
- Suspenders \$225
- Bear-jaw Knife \$125
- Rattlesnake-head Key Chain \$20
- Duster \$100
- Long Underwear \$25
- Harley-Davidson® Heritage Softail® Classic \$11,000
- Jeans \$30
- Boots \$95



Empty your wallet or fill your imagination. Become a Harley biker as you play the games that could make you an American legend.

Compete in five biker contests guaranteed to test your skills and challenge your stamina. It's all in the attitude.



M I N D S C A P E

Visit your retailer. To purchase by mail, send your credit card number and expiration date, or send a check or money order to Mindscape Inc., P.O. Box 1167, Northbrook, IL 60065. IBM®, Tandy®, \$39.95, Amiga® and Atari® ST™, \$49.95. Please add \$3.00 handling and allow 3-5 weeks for delivery. Lawyers like this part. Copyright © 1989 Mindscape Inc. All rights reserved. Harley-Davidson, Harley, and Softail are registered trademarks of Harley-Davidson, Inc. IBM is a registered trademark of International Business Machines Corp. Tandy is a registered trademark of Tandy Corp. Amiga is a trademark of Commodore-Amiga Inc. Atari is a registered trademark, and ST is a trademark of Atari Corp.

Circle Reader Service Number 121 [www.commodore.ca](http://www.commodore.ca)



available within your word processor that can be selected with a mouse-button click or keypresses. These are especially handy if you're just learning the program, since most commands can now be easily selected from a menu. If you're a seasoned user, you'll still often find making selections with the mouse easier than executing the sometimes awkward keystrokes.

Placement of the mouse pointer requires some practice. The cursor itself is easy to position, but choosing the exact spot for marking a block or deleting a character takes some getting used to.

If you find yourself intimidated when using your word processor or you're looking for shortcuts, consider these useful packages.

RICHARD C. LEINECKER

IBM PC and compatibles—\$40.00

MOSTLY MICE SOFTWARE  
125 Gates Ave.  
Montclair, NJ 07042  
(201) 746-9256

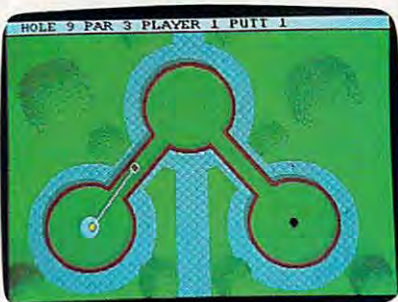
## HOLE-IN-ONE MINIATURE GOLF

**D**rive by any miniature-golf course and you'll see players tapping brightly colored balls through and around obstacles into that little hole. Most of us remember our first hole-in-one—the ball skittered past the windmill, banked off the wall, and fell into the cup. Who can forget winning their first free game, the shot skipping into the clown's mouth on the 18th hole?

DigiTek's *Hole-in-One Miniature Golf* brings back many of those memories and creates new ones with a tantalizing selection of courses, an extensive range of difficulty, and an accurate representation of plastic-turf physics. It gives you the changes in elevation found on modern courses and the simplicity of traditional miniature golf. Once you have the game figured out, DigiTek adds the Fantasy course, one that grew either from a nightmare or a hallucination.

You won't waste any time learning the joystick, mouse, or keyboard interface. A tutorial takes you through the basics, and in just a few minutes you're teeing up on the first hole. You place your ball, set your direction and power indicator, and then hope you've correctly figured the angles.

All of the available courses offer difficulties, but you can choose beginner, intermediate, or expert levels for each. Actually, there's little difference between the first two levels; then there's a jump in difficulty for advanced players.



Plan your golf shot well in *Hole-in-One*.

*Hole-in-One* delivers some nifty options to the computer-golf scene. From the overhead view, elevation is indicated by shading. You can also view a hole's contours from four different angles: hole to tee, left, right, or forward. When you reach the harder courses, the views are extremely helpful in shot selection. A replay option lets you see the last shot, and during practice sessions you can retry putts that missed the mark.

Up to four players can compete in a stroke-play match. You can toggle between the difficulty levels as each player takes a turn, handicapping players of different caliber.

The first level of play is the Classics course. Here you'll find the windmill, the straight-uphill putt, and the single carom shot off a side wall. The holes carry a par of 2 or 3 and, once you've learned to judge the strength of your shots, are relatively easy to master.

The Intermediate course presents a different challenge as elevation is given a greater role, multiple twisting doglegs come into play, and the number of obstacles increases. You can usually figure out the hole the first time you play this course, but execution places great emphasis on combining the correct angle with the proper speed.

The upper-level courses are almost impossible to predict the first few times you play them. The Fantasy course is easier than the Expert, but it brings its own unique view. You'll play one hole upside down, putt into sewers, and discover bridges guarded by dragons on a hillside.

The game supports Hercules, Tandy 16-color, CGA, EGA, and VGA/MCGA graphics. The EGA and

Tandy versions are clean and attractive. The VGA game takes full advantage of the 256-color palette, but it requires 384K of RAM. (The other graphics modes run with 256K.)

*Hole-in-One Miniature Golf* is a novel package with wide-ranging appeal. If you've been captivated by the magic of miniature golf on an actual course, you won't be surprised with the long hours you'll spend with this computer version.

MIKE HARRISON

Amiga—\$39.95  
Atari ST—\$29.95  
Commodore 64/128—\$29.95  
IBM PC and compatibles—\$34.95

DIGITEK SOFTWARE  
8910 N. Dale Mabry  
Executive Center  
Suite 37  
Tampa, FL 33614  
(813) 933-8023

## TURBO EMS

**C**omputer users are constantly trying to stuff more features into their new programs or add just a few more fields to their databases. Luckily, there are products like *Turbo EMS* to help you stuff in a little more.

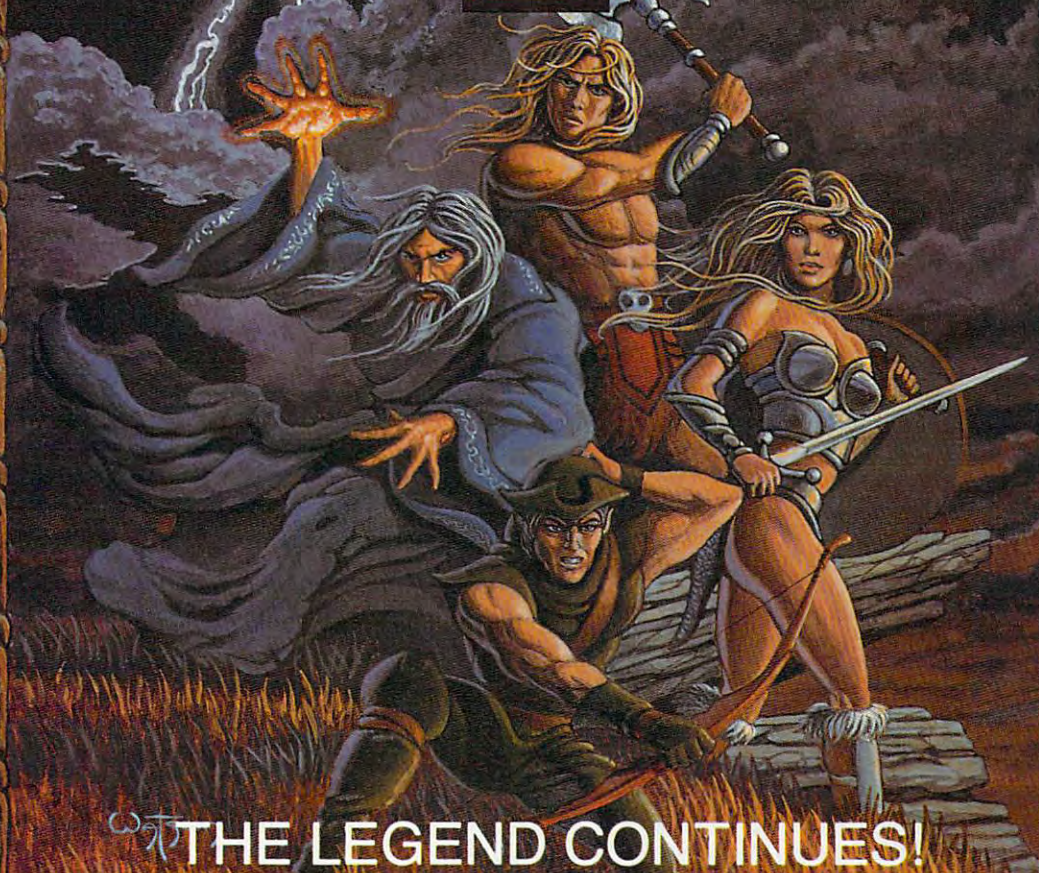
If you found yourself in the past hitting your head on the 640K ceiling in your PC, you've probably already purchased a Lotus/Intel/Microsoft (LIM) Expanded Memory Specification (EMS) memory board. EMS allows programs to store data in memory outside the normal DOS 640K area, using a technique called bank-switching to shuttle needed information in and out. If you run into limitations only occasionally, you may have decided the cost is too great compared with the infrequent benefit. Either way, *Turbo EMS* can help you go beyond your current limits.

*Turbo EMS* offers a middle-of-the-road solution, letting you use your PC's existing memory (including EMS memory boards and ramdisks) and then use your hard disk for a total of up to 32 megabytes of simulated EMS memory. If you're desperate, you can even use a floppy disk for extra EMS memory, because the program lets any recognized DOS drive simulate EMS.

*Turbo EMS* simulates LIM EMS version 4.0, even when using LIM 3.2 memory boards. The program optimizes performance by using actual random access memory first. Next, *Turbo EMS* uses disk storage, includ-



# GAUNTLET II™



THE LEGEND CONTINUES!

And so does the excitement! Gauntlet II is the best home computer version of an arcade hit yet! High tech wizardry and leading-edge programming deliver unbelievable sound and graphics. Go for it!



EGA



MCGA (VGA)



M I N D S C A P E

Visit your retailer. To purchase by mail, send your credit card number and expiration date, or send a check or money order to Mindscape Inc., P.O. Box 1167, Northbrook, IL 60065. C64: \$29.95 (IBM): \$39.95; Atari ST and Amiga™: \$49.95. Please add \$3.00 handling and allow 3-5 weeks for delivery. Lawyers like this part: © 1989 Mindscape Inc. Mindscape is a trademark of Mindscape Inc. Copyright © 1989, 1986 Tengen, C64 and 128 IBM, Tandy, Amiga and Atari are registered trademarks of Commodore Electronics Ltd., International Business Machines Corp., Tandy Corp., Commodore-Amiga, Inc. and Atari Corp. respectively. © Atari Games Corp. All rights reserved.

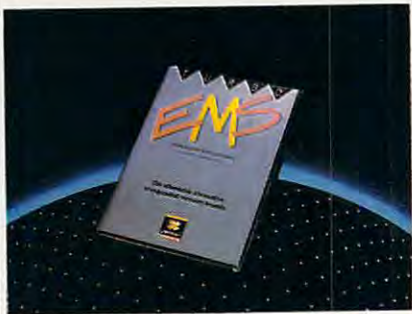
Circle Reader Service Number 151





ing drives over 32 megabytes, and even networked drives. *Turbo EMS* also supports the LIM Extended Memory Specification 2.0 for extended memory, a new standard which may become important in the future.

This all comes at a price. Your PC's processing speed and hard disk access times will determine how fast programs will operate under *Turbo EMS*. Even fast hard disks are dismal slow compared with RAM.



You can enter the world of virtual memory at a low price with *Turbo EMS*.

However, *Turbo EMS* will make it possible to do things you could not do before. It provides extra room for large spreadsheet, database, CAD, and other files. It will also free up some of the most precious memory, conventional memory below the 640K limit, for TSRs and application programs.

For example, one sample spreadsheet file of 265,370 bytes created in *Lotus 1-2-3* left less than 1 percent of conventional memory free (58 of 309,536 bytes) without *Turbo EMS*. Activating *Turbo EMS* stole some available conventional memory from *1-2-3*, but it actually increased the amount of memory available for other applications. The same spreadsheet loaded into *1-2-3* with *Turbo EMS* providing one megabyte of EMS on a hard disk left about 84 percent of the remaining available conventional memory (202,672 of 239,104 bytes, an increase of 239,046 bytes) free for other tasks.

Processing slowed since *Turbo EMS* had to bank-switch the spreadsheet file in and out of RAM when I moved around the screen, saved and retrieved files, and recalculated my spreadsheet. On a 10-MHz AT compatible with a 28-ms-access-time Miniscribe 6053 hard drive, the conventional memory spreadsheet took about 5 seconds to recalculate. Under *Turbo EMS*, the spreadsheet took about 11 seconds to recalculate.

File retrieves took 17 and 65 seconds, respectively; saves took 15 and 65 seconds. The simple tests dramatically point out that using a hard disk

as EMS memory is considerably slower than using internal RAM or EMS memory boards.

On the other hand, *Turbo EMS* makes it possible to increase the size of the sample file far beyond what was possible before. Further, *Turbo EMS* makes it possible to execute the /SYSTEM command to use DOS. Without *Turbo EMS*, 1-2-3 had too little memory to invoke DOS while the sample spreadsheet was in memory.

*Turbo EMS*'s menu-based installation is simple, with help screens providing basic information. The manual is easy to read, understandable, and informative; it also provides essential information not presented in the help screens.

*Turbo EMS* is a good product in the right situation. If you have unlimited funds and frequently need more memory, go out and buy the biggest and fastest EMS board you can find. However, *Turbo EMS* is an excellent option if you have limited funds and occasionally need more memory—as long as you don't mind waiting a little longer for results.

J. BLAKE LAMBERT

IBM PC and compatibles—\$99.95

LANTANA TECHNOLOGY  
4393 Viewridge Ave.  
Suite A  
San Diego, CA 92123  
(619) 565-6400

## BEYOND THE BLACK HOLE



The Software Toolworks has done the seemingly impossible: brought true stereoscopic graphics to PCs, even those with CGA graphics. The game is sort of a 3-D combination of *Pong* and *Breakout*. You have a paddle on each side of the screen that you use to bounce a space probe toward a variety of objects in the middle of the screen. However, the probe doesn't only move back and forth, but moves in and out of the screen, too. All in all, *Beyond the Black Hole* is heavy on packaging and special effects and light on gameplay.

The game includes a pair of GrenoVision goggles, which are similar to those 3-D glasses used for the 1989 SuperBowl halftime show. The effect is very noticeable, although the space probe is the only object that actually moves in three dimensions. Be-

cause the stereo effect relies on motion instead of on colors, the game looks fine without the glasses.

*Beyond the Black Hole* probably won't hold your interest for long, but The Software Toolworks should be lauded for creating an impressive 3-D effect. Hopefully it will use the technique in a more substantial game.

DENNY ATKIN

IBM PC with 512K and CGA or EGA—  
\$49.95

THE SOFTWARE TOOLWORKS  
19808 Nordhoff Pl.  
Chatsworth, CA 91311  
(818) 885-9000

## DINOSAUR DISCOVERY KIT

The little speech, "Zug the Megasaurus presents the *Dinosaur Discovery Kit*," begins one of the cutest dinosaur programs around. Designed to entertain and educate the preschool and kindergarten set, *Dinosaur Discovery* is a careful combination of speech, attractive graphics, and simple layout.

From the main menu, *Dinosaur Discovery Kit* provides access to three different kinds of activities, each one carefully designed to appeal to the most demanding three- to eight-year-old child. Large boxes contain names and icons for the Coloring Book, Dinosaur Match, Story Maker, and Quit options. Zug appears dressed in different outfits each time the menu comes up. There is a help menu that includes several useful control options, including volume, printer access, and the ability to personalize the program with your child's name.

Zug's coloring book features accurate drawings of six different dinosaurs, each in an appropriate environment. There is just enough detail to keep preschoolers entertained without overtaxing their attention span. As each picture is completed, Zug randomly states one of several amazing facts about that particular type of dinosaur. Pictures can be printed at any time, a useful feature if your children would rather do their own coloring or want to keep a record of their work.

Dinosaur Match is a well-constructed version of a traditional memory game that offers enough variety to satisfy a wide range of age groups. Younger users will want to play by



# Witness A Perfect Game

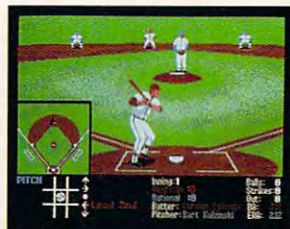
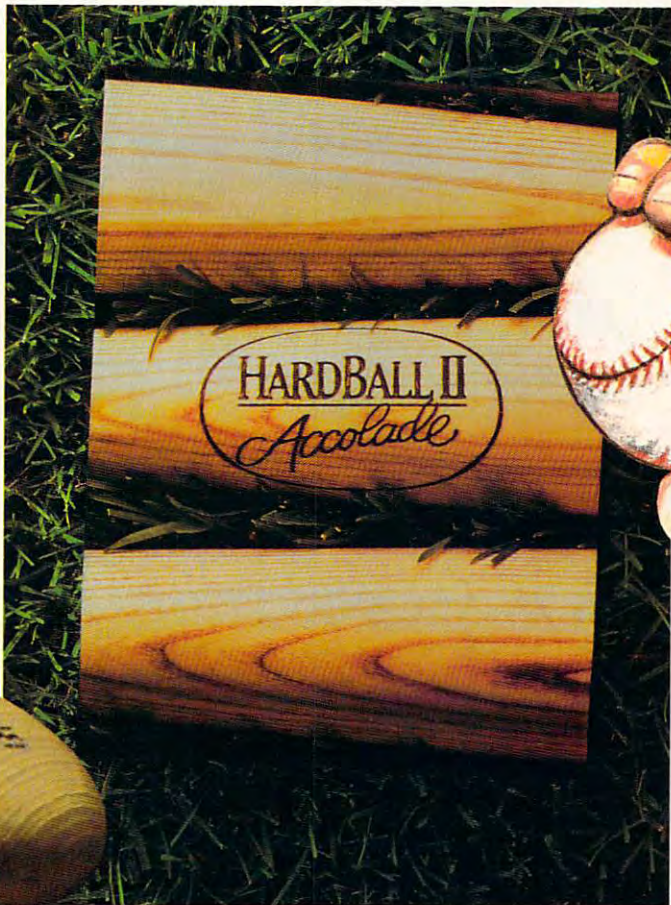
Fifty years from now, we'll be sitting on porches with our grandchildren, recounting the wondrous story...



"Yep. I saw it. I was there to play HardBall II."

Like Don Larson's perfect game, new *HardBall II*™ will be remembered as a milestone. A great accomplishment in baseball history.

The original *HardBall!* stands as the best-selling computer baseball game of all-time. And true to its heritage, new *HardBall II* captures the essence of the national pastime. You can almost smell the fresh cut grass



pick the runner off at second? Get caught in a rundown? Shift the defense for a dead pull hitter? Real managers have options. So do you.

And more choices. Step on the turf of seven familiar big league ballparks. Gaze out onto the field from five network TV field perspectives. Create your very own dynasty with the team editor.

*HardBall II* is in a league by itself. And fortunately for our grandchildren, we get to play it in its prime.

How to order: Visit your favorite retailer or call 800-245-7744.

**ACCOLADE™**  
The best in entertainment software.™

and oiled leather as the computerized boys of summer sprint across the diamond.

But *HardBall II* goes beyond the effortless gameplay and realism that made its namesake famous. *HardBall II* offers more. Much more.

*More frames of animation.* So each diving catch and double play looks major league smooth.  
*More features.* Like real baseball stats that are updated

and stored from at-bat to at-bat and game-to-game. TV-like instant replays to help relive your greatest moments. League play,



where every win brings you closer to the pennant.  
*More options.* Should you steal with two out? Attempt to

Actual game screens from IBM PC EGA version of the game. Other versions may vary.

Circle Reader Service Number 178

[www.commodore.ca](http://www.commodore.ca)



# COMPATIBLE

## WITH ALL THE FRIENDS ON YOUR HOLIDAY LIST



There's no better gift for the MS-DOS home computer user than COMPUTE!. Month after month, COMPUTE! delivers more of what every home computer user really wants—with more hardware and software reviews...more practical "hands-on" articles...more features and insights on how to use the home computer to its ultimate...and so much more.

Your first gift subscription to COMPUTE! costs only \$11.97. And each additional subscription costs just \$9.97. You save up to 72% off the cover price. So give the gift that's sure to bring a smile. Give COMPUTE!, the definitive guide to MS-DOS home computing, to all the home users on your holiday list.

The basic annual subscription rate for COMPUTE! is \$19.94.



Give a gift of COMPUTE!'s GAZETTE to all your friends who use a Commodore computer. Each new issue comes complete with up to 10 fun-filled, challenging, never-before-published programs ready to type in and run. There are game programs, utilities, educational programs, and much, much more.

Your first gift subscription to COMPUTE!'s GAZETTE costs only \$24. Each additional subscription costs just \$18. You save up to 49% off the cover price. Give COMPUTE!'s GAZETTE and save!



A gift subscription to COMPUTE!'s PC makes the perfect gift for all the IBM PC or compatible users on your holiday list. Each new issue comes complete with disk—delivering up to 5 fabulous all-new programs for use at home or office, for enjoyment or for education. Each issue has full documentation plus exciting news about technological developments, hardware and software reviews, insightful computer "how to's" and much, much more.

Your first gift subscription to COMPUTE!'s PC costs only \$39.95. Each additional subscription costs only \$29.95. You save up to 61% off the cover price. Act now and save!

The basic annual subscription rate for COMPUTE!'s PC is \$59.95.

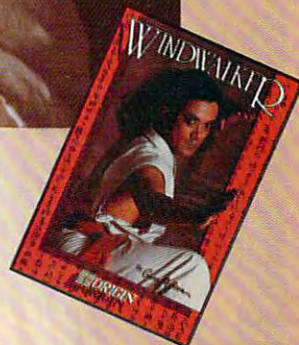
Return attached card.  
Or call toll-free  
**1-800-876-GIFT**



# WINDWALKER™



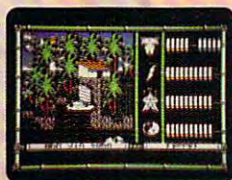
Journey into the past and explore the fascinating culture, the diverse personalities, and the intriguing events of the ancient Orient. Recruited by Moebius the **WINDWALKER**, you begin as a lowly fisherman, but soon rise to the heights of wisdom and mastery of the martial arts. Possessing the discipline of a leader and the spirit of an adventurer, you've dedicated your life to the pursuit of virtue.



IBM/COMPATIBLE VERSION



IBM/COMPATIBLE VERSION



APPLE VERSION

**ORIGIN™**  
We create worlds.™

Available for: IBM/Tandy/compatibles, C-64/128, Apple II series; coming soon for: Amiga and Macintosh. Actual screens may vary.

Can't find **WINDWALKER** at your local retailer? Call 1-800-999-4939 (8am to 5pm EST) for Visa/MC orders; or mail check or money order (U.S.\$) to ORIGIN. All versions \$39.95; shipping is FREE via UPS. Allow 1-2 weeks for delivery. ORIGIN, P.O. Box 161750, Austin, Texas 78716.

Circle Reader Service Number 156

[www.commodore.ca](http://www.commodore.ca)



# The FAERYTALE™ ADVENTURE

**THE NUMBER ONE  
FANTASY ADVENTURE  
GAME IS NOW  
AVAILABLE ON IBM —  
MS/DOS, TANDY, AMIGA  
AND NEW FAST-LOAD  
VERSION FOR  
COMMODORE 64/128!**



Enter the Magical Land of Holm, where you participate in the adventures of three brothers as they seek their ultimate fate in the Faery Tale Adventure. Travel with brave Julian, lucky Phillip and gentle Kevin, on their quest through a land full of vicious monsters, enchanted princesses, fearsome dragons and even a kindly old woodcutter or two. Faery Tale Adventure is a game of epic proportions. Our programmers worked for over two years non-stop creating a new world. This World consists of over 19,000 screens of exploration. Your journey will take you to underground caverns, mazes, forests, deserts, snow covered mountains, lakes, castles, villages, even the astral world!

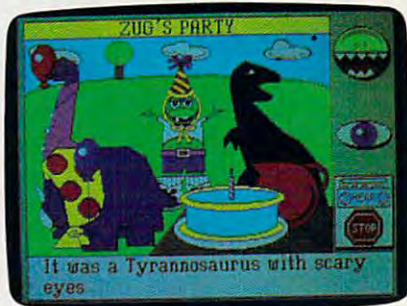


FROM  
**microworlds™**  
—Interactive Entertainment—  
**NATURALLY!**

17408 Chatsworth St., Granada Hills, CA 91344  
Inside CA (818) 360-3715 Outside CA (800) 522-2041

Circle Reader Service Number 139

themselves with large cards and real dinosaurs, or they may try their ability in a contest against Silly Zug. Older kids might challenge Very Smart Zug to an 18-card game of Dinosaur shadows. If you can beat Zug, he'll present you with an award.



**Children can create their own fantastic parties with *Dinosaur Discovery Kit*.**

Story Maker combines fantasy and reality into user-made stories that encourage nonreaders to build connections between written and spoken words. After your child has selected a title for the story, the program displays the first sentence onscreen and recites it. The sentence is missing a word at the end; to complete it, your child must choose from the available words. After the choice has been made, an appropriate image appears on the screen and Zug patiently reads each sentence. Is the triceratops wearing a striped bow or a polka-dotted scarf? Will the brontosaurus hide from two allosaurs or two tyrannosaurs? When the story is finished, you can choose to print out the story and the pictures as a book or to let Zug read you the story a sentence at a time.

Speaking of speech, *Dinosaur Discovery Kit* uses the new Smooth Talker technology from First Byte; the Macintosh and Amiga versions are astonishingly clear. While the Tandy 1000 and MS-DOS version suffer in comparison, they are also clearly understandable and even feature a rather attractive accent.

Despite the strength of the overall program, there are some irritating weaknesses. The overall lack of a backup or undo option is quite frustrating for older children. Although the speech is quite clear, it's not used consistently. The speaking of some menu items can be turned on and off, but even with all the speech options on, some important menu items are never spoken.

The Story Maker and Coloring Book sections could profit from larger selections of pictures, colors, titles, and perhaps some branching stories. For classroom use, simple recordkeep-

ing and a story-editor mode for the teacher would be very useful. And if you only have CGA graphics, be warned that the install routine is a bit tricky.

The *Dinosaur Discovery Kit* is attractive, educational, fun, and highly entertaining. Young children will like the simplicity of design and attractive results. Older kids will find the combination of fantasy and reality appealing. No bones about it, *Dinosaur Discovery Kit* is a wonderful program that makes good use of the newest in speech technology to entertain and educate.

LESLIE EISER

Amiga—\$39.95  
IBM PCs and compatibles with 512K—  
\$39.95  
Macintosh—\$39.95

FIRST BYTE  
Distributed by Electronic Arts  
1820 Gateway Dr.  
San Mateo, CA 94404  
(415) 571-7171

## ON BALANCE

**T**wo features you should look for in any software program are its learning curve and the way it lives up to the hype on the box. On both counts, *On Balance* boasts a healthy bottom line. It manages personal finances with sophistication, reliability, and speed. And setting up the program took me only about 30 minutes, a reasonable amount for something so powerful.

The package keeps track of your money by establishing accounts for your assets, liabilities, income, and expenses. Don't panic if you don't understand these accounting concepts: The manual tutors you in these areas.

*On Balance* is similar to your checkbook, but it holds more financial information than any check register. You can record up to 800 transactions each month and an entire year's records on one disk.

I particularly liked being able to create accounts as I needed them, either while entering transactions into the register or beforehand by selecting add/edit from the accounts menu. The program allows as many as 200 accounts in categories such as checking, savings, credit card, income, investments, entertainment, household, or business. You can further define your accounts by assigning them to groups, such as personal, spouse, or jointly held. >





# SWEESTAKES

## & Hundreds of Other Prizes

**N**ew Orleans. The Superdome. The biggest game of the year! All as close as your local software dealer! That's where you'll find ABC's Monday Night Football™—first in a hot new series of fast-action games from Data East MVP Sports™.

**Win the Grand Prize!** A trip for four to football's premier event—Super Bowl XXIV. Plus hundreds of other major prizes! You can win \$5,000 in cash, Sony® entertainment systems or Data East's ABC's Monday Night Football pinball machines!

**It's simple.** Just take this ad to your participating dealer and compare the symbol on the game piece below to those on the back of ABC's Monday Night Football package. If they match, **you're an instant winner!**

ABC's Monday Night Football from Data East MVP Sports. Experience it! Up close and personal. More action, more color and more fun. The sights and sounds of ABC's Monday Night Football. Available for the IBM® PC/compatibles, and the Commodore 64®.



### DATA EAST MVP Sports Sweepstakes Official Rules—NO PURCHASE NECESSARY

How to enter: Simply take the prize symbol "game piece" in this ad to your participating retailer. Exactly match the prize symbol on your game piece with one of the prize symbols found on specially marked packages of Data East MVP Sports' ABC's Monday Night Football games and you win the prize indicated. You may also obtain a match and win prize symbol game piece (while supplies last) and a copy of the winning prize symbols by sending a stamped, self-addressed envelope by December 31, 1989 to Data East MVP Sports Sweepstakes Requests, P.O. Box 8456, Beaverton, OR 97076. WA and VT residents need not affix postage to return envelope. If you are a prize winner, claim your prize by sending your winning prize symbol game piece with your signature and your name, complete address and phone number in the spaces provided via certified or registered mail to Data East MVP Sports Sweepstakes Winner, P.O. Box 8456, Beaverton, OR 97076. All winning claims must be received by January 10, 1990. Any official game piece or package symbol which is forged, tampered with, mutilated, contains printing errors or is obtained through other than approved distribution, is void. Decision of judges is final on all matters. All unclaimed prizes will be awarded in a Second Chance random drawing. If you are not an instant winner, print your name, complete address and phone number in the spaces provided on your prize symbol game piece and mail to Data East MVP Sports Second Chance Sweepstakes, P.O. Box 8456, Beaverton, OR 97076. Second Chance Sweepstakes entries must be mailed separately and received by January 10, 1990. If there are any unclaimed prizes, Second Chance winners will be randomly drawn on January 15, 1990, by ACS Marketing Services, Inc., an independent judging organization whose decisions are final. Odds of winning Second Chance Drawing depend on the number of unclaimed prizes and valid entries received. Not responsible for lost, late, misdirected, incomplete or illegible entries. Winners will be notified by mail. One Grand Prize winner will receive a trip for four to Super Bowl XXIV in New Orleans. Trip includes round trip coach airfare (or reasonable ground transportation if applicable), three nights lodging, tickets for four to the Super Bowl XXIV game, transfers to and from the game, pre-game brunch and \$500 cash for expenses, approximate retail value (based on furthest point of departure) \$8,500. One First Prize winner will receive \$5,000 in cash. Two Second Prize winners will each receive a Sony Entertainment Center, approximate retail value \$3,500 each. Three Third Prize winners will receive a Data East ABC's Monday Night Football Pinball game, approximate retail value \$3,000 each. 1,000 Fourth Prize winners will each receive an ABC Sports Monday Night Football 20th Anniversary Commemorative video, approximate retail value \$20 each. Total approximate retail value of all prizes \$49,500. Odds of winning instantly are: Grand Prize—1-2,000,000, First Prize—1-2,000,000, Second Prize—1-1,000,000, Third Prize—1-666,667, Fourth Prize—1-2,000. Sweepstakes open to residents of the U.S.—except employees and families of Data East USA, Inc., its affiliates, subsidiaries, advertising and promotion agencies and printers. All prizes will be awarded. Limit one prize per family/household. No substitutions or cash equivalents. Taxes are responsibility of winners. Sweepstakes void where prohibited, taxed or restricted. Winners may be required to sign affidavit of eligibility and publicity and travel releases. To obtain an official winners list, send a stamped, self-addressed envelope by March 1, 1990 to Data East MVP Sports Sweepstakes Winners List, P.O. Box 8450, Beaverton, OR 97076.



**1st Prize:** \$5,000. **2nd Prize:** A complete entertainment center featuring big screen TV, stereo and CD (VCR not shown). (2 Winners!) **3rd Prize:** ABC's Monday Night Football pinball game from Data East Pinball. (3 Winners!) **4th Prize:** ABC's Monday Night Football 20th anniversary videocassette featuring the greatest plays from the past two decades. (1,000 Winners!)

### NO PURCHASE NECESSARY

If the prize symbol shown here exactly matches one of the prize symbols found on specially marked packages of Data East MVP Sports ABC's Monday Night Football Games, you win the prize indicated.

If you are a prize winner, claim your prize by filling in the information below and sending via certified or registered mail by January 10, 1990, to Data East MVP Sports Sweepstakes Winner, P.O. Box 8456, Beaverton, OR 97076.

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Telephone \_\_\_\_\_  
Signature \_\_\_\_\_

prize symbol



See Official Rules for details.

© Copyright 1989, Data East USA, Inc.

\* ABC Sports and ABC's Monday Night Football are registered trademarks of ABC Sports, Inc.  
\* Data East MVP Sports is a trademark of Data East USA, Inc.  
\* Sony is a registered trademark of Sony Corporation.  
\* IBM is a registered trademark of International Business Machines.  
\* Commodore 64 is a registered trademark of Commodore Business Machines, Ltd.  
\* Super Bowl is a registered trademark of the National Football League.



Navigational shortcuts will assist you in moving through the program. Pressing the Escape key, for example, takes you back one screen (keep pressing and you'll eventually return to the main menu); pressing the Alt-H key combination brings up a help screen; and pressing Control-O verifies the information you have entered. Also, the function keys are assigned to some of the most frequently used commands, such as Accounts Menu (F4) and Calculator (F8). The program's manual is personable and encourag-

ing. The text is easy to understand, and there are plenty of examples and warnings to keep you on the right track.

One of *On Balance's* bonus features is its flag-setting capability. This gives you a way of tracking items that belong together but aren't in the same account. For example, you could flag some transactions as tax deductions; then, at tax time, you could sort and list those transactions.

Another bonus, split transaction, allows precise tracking of a single

transaction that affects more than one account. This is very useful when recording credit card expenses or for breaking up a house payment into principal, interest, and escrow accounts.



*On Balance* delivers power and sophistication in an easy-to-use package.

*On Balance* can provide reports that will impress any banker—handy when you're going for that new-car loan. Available reports include net worth, net income, accounts, transaction list, and amortizations. The amortizations report alone is worth the price of the program.

Keeping a budget is easy; you can create a year's month-by-month budget for any account. For that account, you will see the actual amount spent for each month, the amount budgeted, and the dollar difference between the two. Year-to-date values as well as the monthly average for the actual balance are shown at the bottom of the screen.

Like most other personal-finance programs, *On Balance* will print checks as well as track your financial health. The Print Checks screen will list transactions for the account, month, and year you have specified. To print a check for a particular transaction, answer *Yes*. A check will appear in the highlighted box. After you have selected the transactions for which you wish to print checks, press the Control-O key combination and your printer will spring into action. At the end of the month, you can reconcile your account with your bank's statement.

Two minor drawbacks plague the program. You'll need an EGA or VGA card to get color; a CGA card displays only two shades of gray. Also, *On Balance* is designed for use with either a mouse or the keyboard. But, because the mouse is the default, you'll have to disconnect it each time you load the program if you want to use the keyboard.

*On Balance's* solid features and performance offer you increased productivity when it comes to managing

# TAKE THE CHALLENGE!



Available for the IBM PC and the Apple Macintosh.

Thirty-four. Orange 19, Orange 19. Hut! ... Hut! Hut! Play the best ... **NFL Challenge** and **PRO Challenge**: Officially Licensed Products of the National Football League. For true collegiate basketball action, play the top twenty favorites in **Basketball Challenge**.

Tackle the **Bermuda Square** puzzle for a less "physical" challenge. Use pattern recognition to solve the puzzle. You might win \$5,000! If money gets you moving, become the richest person in the world with **Oligopoly**. Build your empire and conquer the world!

Call for **Free Catalog**.



**XOR**  
CORPORATION

5421 Opportunity Court, Minnetonka, MN 55343 1-800-635-2425 (612) 938-0005  
**1-800-NFL-CHAL**

Circle Reader Service Number 134



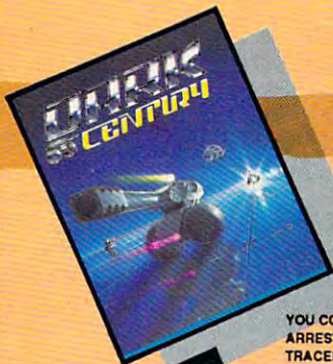
# ACTION!

Slick up your joystick it's hot!



**TITUS™**

20432 CORISCO STREET,  
CHATSORTH CA 91314  
818-709-3693



## DARK CENTURY



YOU CONTROL THE GREATEST HIGH-TECH TANKS IN THE WORLD. YOU ARE ON A PRISON PLANET TRYING TO ARREST SOME ESCAPED CONVICTS. PROGRAM AND LEAD YOUR TEAM OF TANKS TO TRICK YOUR OPPONENT! RAY TRACED 3D UNIVERSE, MULTITASKING, ONE OR TWO PLAYERS ARE THE FEATURES OF THIS GAME.

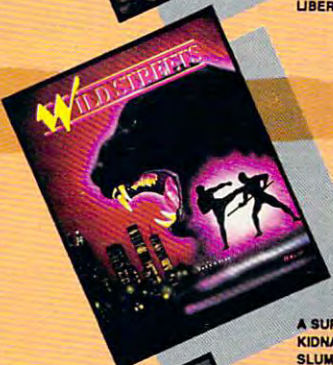


## KNIGHT FORCE



YOU ARE THE SWORD MASTER, OF MAGIC GRAPHICS. LEAD LIBERATE THE PRINCESS

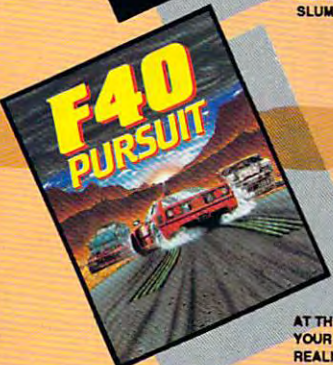
DEFENDER OF BELLOTH REALM. QUEST THROUGH FIFTEEN LEVELS AND FIVE ERAS YOUR ENCHANTED POWERFUL WEAPONS AND SPOIL THE MALEVOLENT TRAPS, TO TANYA FROM THE CLAWS OF RED SABAT THE SORCERER.



## WILD STREETS



A SUPERCOP AND A BLACK PANTHER TEAM TOGETHER IN A HIGH RISK MISSION. "A TOP CIA AGENT HAS BEEN KIDNAPPED, FIND HIM! YOU KNOW THAT ACTION AND FIGHTING IS INEVITABLE". YOU'LL HAVE TO VISIT THE CITY SLUMS TO FIND HIM AND PROTECT YOU BOTH FROM MOBSTERS, PUNKS AND OTHER RIFF RAFFS.



## F40 PURSUIT



AT THE WHEEL OF YOUR FABULOUS FERRARI F40, YOU'RE RACING AGAINST TIME AT 200 MILES PER HOUR. PLAN YOUR ROUTE, BUT BEWARE OF POLICE THAT WILL TRY TO STOP YOU IN YOUR MISSION. 360 DEGREE SPINS, AND REALISTIC 3D ROAD JUNCTIONS WILL MAKE YOU SENSE THE THRILL OF SPEED. DON'T JUST TAKE OUR WORD, BURN SOME RUBBER.



## OFF SHORE WARRIOR

YOU ARE AN OFF SHORE WARRIOR AND YOUR FIRST ARENA, FULL OF FANS, IS WAITING FOR YOU. STRUGGLE AGAINST ROCKS, WAVES AND OPPONENTS IN A DEADLY GAME. ONLY FEW CAN LEAVE ALIVE. DO IT OR DIE!!!



## FIRE AND FORGET

FACE THREE LEVELS OF SIX CONFLICTS, FROM SPORADIC WARFARE TO TOTAL WAR. NEVER LOOK BACK! IT COULD BE YOUR LAST MISSION. ONE OR TWO WARRIORS CAN TEAM UP.



## CRAZY CARS

YOU ARE RACING FOUR OF THE MOST PRESTIGIOUS CARS IN THE WORLD'S CRAZIEST RACE THROUGHOUT THE UNITED STATES. PREPARE TO START, READY? GO!!!



## TITAN

MAKE YOUR WAY THROUGH THIS STRATEGIC PUZZLE OF EIGHTY WORLDS WITH YOUR MAGNETIC CONTROL UNIT. BUT BE CAREFULL, THE ULTRA-FAST SCROLLING HAS ALREADY CAUSED SOME MENTAL BREAKDOWNS.



your money. It's a well-designed package that offers everything you need to stay in control of your finances.

GLENDa McCLURE

Apple II—\$59.95  
IBM PC and compatibles with 512K and CGA or EGA—\$59.95

BRÖDERBUND SOFTWARE  
17 Paul Dr.  
San Rafael, CA 94903-2101  
(415) 492-3200

## MICROLEAGUE BASEBALL II

**B**aseball, with its reliance on statistics, lends itself well to a computer-game format. In the days before computers, baseball fans maintained their Walter Mitty aspirations with games like Strat-o-matic and APBA. Dice generated outcomes, and compiling stats took as long as playing the games. The computer changed all that by allowing random-number generation and sophisticated stat compilation. Perhaps most im-

portantly, you can play alone.

*MicroLeague Baseball II* attempts to fulfill the dreams of tired-wristed dice rollers. Its three booklets describe methods of play and how to build new teams; they also list the qualities of the teams included with the game. Those 23 clubs range from the 1927 Yanks to the 1988 all-star teams. If you want a team with no weaknesses, try creating an all-time-great collection with Jim Palmer and Carl Hubbell as fifth starters, and Mickey Mantle and Stan Musial riding the bench.

You begin by choosing which of the offered teams you wish to represent, which of the teams the Baseball Buddha will play, whether or not you'll use the designated hitter, who will be your starting pitchers, and who will be in your starting lineup. Then the players charge onto the field.

The game's graphics are excellent. Base runners actually run the bases, and outfielders run down flies. There's no variance from park to park, but this would take up memory and not allow for sophisticated play. *MicroLeague* does offer several other positive attributes besides being pretty. New teams can be easily made; it took me just 15 minutes using the General Managers disk. Also on the

plus side are features like bullpen warmups, different base-running options, solitaire and no-play options, ejections, and rain delays.

I found the game's stat compiling, perhaps the most important aspect of any baseball simulation, lacking. Its biggest problem is its inability to compare players. There's no ranking system or standings board, no way to see how a player has done in the middle of a game. At the end of the game, the only stat shown is a simplistic score box.



Play the game from the manager's viewpoint in *MicroLeague Baseball II*.

Fanatics who play inside baseball may be disappointed with other omissions as well. *MicroLeague II* lacks the depth of the real game. There's no reason to platoon, for example, because pitcher handedness means nothing. There is no way to perform the suicide squeeze, and there are no fatigue factors—you can start your number 1 starter every game. All pitchers hit with the same skill; Rick Rhoden has the same average as Rick Camp. Along the same line, there's no rating for hit-and-run ability, bunting ability, clutch hitting, and the pitcher's ability to hold runners on base. The base-stealing ratings make no differentiation between a speed merchant like Ricky Henderson and a selective base runner like Kevin McReynolds. The outfielders have no arm ratings. These are all fine details, to be sure, but they help to create a more realistic simulation of what really happens between the chalk.

How much you'll enjoy *MicroLeague II* depends on the kind of baseball fan you are. Most fans are casual about their interest. They tune in to see the Mets or Yanks play someone on Saturday afternoon and listen to Vin and Tom on NBC. If that describes you, then you may enjoy creating a baseball-park atmosphere with *MicroLeague II*. But if you're the kind of fan who looks up stat after stat, who follows baseball like a religion, you may want to stick with your Strat-

**JONNY Quest**  
And the Splinter of Heaven

Episode One...

Jetting away from their Key Palm island, the Quest team is off on another intriguing mystery in the jungle darkness of Guatemala. Who is stealing the great Mayan artifacts? What secrets wait in the hidden Temple of Tikal? What is the splinter of heaven?

Jonny Quest and the Splinter of Heaven possesses all the Action and suspense of the animated series. Plus you choose the course of adventure with interactive dialogue and hands on fighting sequences. The world is yours to explore, and you will feel like you're in it as you solve puzzles and combat enemies while attempting to solve the mystery.

Episode One is just the beginning! Stay tuned for further installations in this ongoing series of stand alone adventures!

**Hanna-Barbera**  
PRODUCTIONS, INC.

**microlusions**  
Interactive Entertainment

17408 Chatsworth St., Granada Hills, CA 91344  
Inside CA (818) 360-3715 Outside CA (800) 572-2041

LICENSED BY HAMILTON PROJECTS, INC.



# 双截龍

# DOUBLE DRAGON

## The Revenge™

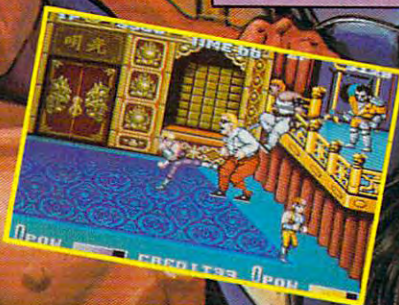
Billy and Jimmy Lee return in the latest and greatest version of the coin-op smash hit!

Featuring more weapons and more powerful moves, with more new missions such as the Underwater City, the Garden of Death, and the infamous Trap Room!

It's martial arts at its best, coming soon for your home computer!

#### Machine availability:

IBM 5-1/4"	\$39.99	Atari ST	\$39.99
IBM 3-1/2"	\$39.99	Commodore 64	\$34.99
Amiga	\$39.99		



ames

DISTRIBUTED BY  
MASTERTROV.C

18001 Cowan, Irvine, CA 92714 Tel (714) 833-8710

Circle Reader Service Number 168



# UNITED COMPUTER EXPRESS

724 7 AVE, NEW YORK CITY, NEW YORK 10019

**800-448-3738** **212-397-1081**

ALL UNITS ARE TESTED AND FORMATED BEFORE SHIPPING

## IBM



### ORIGINAL IBM XT 26 PC. PACKAGE

IBM AT CPU + Keyboard - 477 MHz-360K Floppy Drive - Expandable to 640K 12" Computer Monitor - Software bundle - 10 Diskettes - Disc Drive Head Cleaner.

**\$748**

26 PC. PACKAGE AVAILABLE WITH:	
20 MEGABYTE	\$948
30 MEGABYTE	\$990
40 MEGABYTE	\$1048
60 MEGABYTE	CALL

## IBM



### ORIGINAL IBM AT 26 PC. PACKAGE

IBM AT CPU + Keyboard - 1.2mg Floppy Drive 12" Computer Monitor Software bundle - 10 Diskettes - Disc Drive Head Cleaner.

**\$1348**

26 PC. PACKAGE AVAILABLE WITH:	
20 MEGABYTE	\$1548
30 MEGABYTE	\$1598
40 MEGABYTE	\$1648
60 MEGABYTE	CALL

## EPSON



### EQUITY I + IBM XT COMPATIBLE 26 PC. PACKAGE

Equity I + CPU + Keyboard - 360K Floppy Drive 12" Computer Monitor - Software bundle - 10 Diskettes - Disc Drive Head Cleaner.

**\$688**

26 PC. PACKAGE AVAILABLE WITH:	
20 MEGABYTE	\$888
30 MEGABYTE	\$938
40 MEGABYTE	\$988

## EPSON



### EQUITY II + IBM AT COMPATIBLE 26 PC. PACKAGE

Equity II + CPU + Keyboard - 1.2mg Floppy Drive 12" Computer Monitor Software bundle - 10 Diskettes - Disc Drive Head Cleaner.

**\$1048**

26 PC. PACKAGE AVAILABLE WITH:	
20 MEGABYTE	\$1248
30 MEGABYTE	\$1298
40 MEGABYTE	\$1348
60 MEGABYTE	CALL

## PANASONIC

PANASONIC FX 1750 IBM AT COMPATIBLE 26 PC. PACKAGE  
80286-640K 3 1/2 Floppy Drive-12 Monitor

**\$698**



PANASONIC FX 1650 IBM XT - PS-2 COMPATIBLE **\$648**  
8088-640K 3 1/2 Floppy Drive 12 Monitor  
Any configuration available  
Available with 20mg, 30mg, 40mg Hard Drive

## COMMODORE

COMMODORE PC 40-III IBM AT COMPATIBLE 26 PC. PACKAGE  
80286-12 MHz-1mg RAM-40mg. Hard Drive-VGA Adapter Card In Stock-Call For Price

COMMODORE PC 10-1 IBM XT COMPATIBLE 26 PC. DEAL **\$438**  
512K RAM 360K Floppy Drive

With 2 Floppy Drives **\$528**

## VENDEX

### Head Start III

80286-12MHz-1mg RAM-5 1/4 Floppy Drive-3 1/2 Floppy Drive-32mg Hard Drive-3 Expansion Slots-VGA Adapter-Software Bundle **\$1998**

### Head Start II

8088 Processor-640K RAM-10MHz-5 1/4 Floppy Drive-3 1/2 Floppy Drive-Software Bundle

Call For Low Price  
**Explorer**

8088 Processor-10MHz-512K RAM-3 1/2 Floppy Drive-MGA/CGA Adapter-Software Bundle **\$698**

## COMPAQ

DESKPRO 286-640K-12MHz	\$1598
DESKPRO 286E-1MB-12MHz	\$1818
DESKPRO 386S-1MB-16MHz	\$2348
DESKPRO 386-20e-1MB-20MHz	\$3648
DESKPRO 386-33 w/84mg H/D	\$7448

## IBM

### Original IBM At 26 pc. Pro Package

ORIGINAL



- 80286 Processor
- 640K Memory
- 5 1/4 1.2 meg Floppy Drive
- 3 1/2 1.4 meg Floppy Drive
- Seagate 40 mg Hard Drive
- 8 Expansion Slots
- VGA Hi Res. Video Card
- VGA Hi Res. Color Monitor
- 3 Button Mouse
- Desk Top-Outliner-Word Processor
- Spread Sheet, Graphics Data Base, Communicator
- 10 Diskettes/Cleaner
- Disc Holder/70 Disc Storage

**\$2589**

Available w/20, 30 Hard Drive Systems

## Epson

### EPSON 386-20

80386 Micro Processor-20 MHz-1mg RAM-Expandable to 16mb-1.2 Floppy Drive-12" Computer Monitor

**\$2348**

### EPSON EQUITY III + IBM AT COMPATIBLE 26 PC. DEAL.

80286 Processor-640K-12 MHz-6 Device Bay-12" Computer Monitor **\$1398**

EPSON IE IBM XT-PS-2 COMPATIBLE 8088-640K-3 1/2 Floppy Drive 12" Computer Monitor **\$698**  
Any Configuration Available

## VENDEX

### VENDEX INDUSTRIAL 286-12

- Vdi-55 Pro Package 3
- 12 MHz
- 1mg of RAM
- 5 1/4 1.2mg Floppy Drive
- 3 1/2 1.4mg Floppy Drive
- Seagate 40mg Hard Drive
- 8 Expansion Slots
- Paradise VGA Cell
- VGA Hires Color Monitor
- 3 Button Mouse, Pad, Dr. Halo III
- Desktop-Outliner-Word Processor
- Spreadsheet, Graphics, Data Base Communicator
- 10 Diskettes/Cleaner
- Disc Holder/70 Disc Storage



**\$2448**

Available w/20, 30mg Hard Drive Systems

## PRINTERS

EPSON LX-810	\$175	PANASONIC 1090	\$285
LQ 510	\$339	KXP-1524	\$499
FX 850	\$335	KXP-1525	\$405
FX 1050	\$425	KXP-1124	\$319
LQ 850	\$515	KXP-1180	\$175
LQ 950	\$565	KXP-1191	\$225
LQ 1050	\$725	KXP-3131	\$315
LQ 2550	\$899	KXP-4450	\$1348
STAR NX-1000	\$179	HEWLETT PACKARD HP Desk Jet Printer	\$595
NX-1000 RAINBOW	\$219	HP Desk Jet Plus	\$685
NX-2400	\$319	HP Paint Jet Printer	\$1075
XB2410	Call	HP Laser Jet II D	\$2819
XR1000	Call	HP LASER JET SERIES II	\$1599
XR1500	Call		
NEC P-2200	\$335	HP LAZER JET II P	Call
P-2500	\$485	1MG RAM EXPANDER	\$269
P-5300	\$645	2MG RAM EXPANDER	\$398

## IBM

CITIZEN 1200	\$149
1800	\$169
65X140	\$349
HSP500	\$349
BROTHERS M-1809	\$398
M-1809	\$498
M-1824L	\$499
M-1924L	\$698

NOVELL NETWORKING AVAILABLE CALL FOR SYSTEM PRICES

**EVEREX** CALL FOR NEW LOW PRICES!

## IBM PERSONAL SYSTEM II

PS/II MODEL 30 w/20MB	\$1569
PS/II MODEL 50 w/286-201	\$1819
PS/II MODEL 50Z w/30MB	\$2289
PS/II MODEL 50-061	\$2489
PS/II MODEL 55SX w/30MB	\$2789
PS/II MODEL 55SX w/60MB	\$3089
PS/II MODEL 70-161	\$3569
PS/II MODEL 70-121	\$5299

IBM II MONITORS FOR PS II  
8503 MONOCHROME MONITOR \$195  
8512 COLOR MONITOR \$434  
8513 COLOR MONITOR \$525

We Welcome Government & Corporation Firms

## HYUNDAI

HYUNDAI MODEL 286E  
- 640K RAM Expandable to 1MB  
- 80286 Microprocessor-12 MHz  
- 1.2MB Floppy Drive  
**\$889**

w/SEAGATE 20MB HARD DRIVE \$1149  
w/SEAGATE 30MB HARD DRIVE \$1179  
w/SEAGATE 40MB HARD DRIVE \$1249



## LEADING EDGE

MODEL D 2 IBM AT COMPATIBLE 26 PC. PACKAGE **\$898**  
Model D2 CPU + Keyboard 1.2mg Floppy Drive 12" Monitor Software bundle 10 Diskettes Disc Drive Head Cleaner.  
Available w/20, 30, 40 mg Hard Drive Systems

MODEL D IBM XT COMPATIBLE 26 PC. PACKAGE **\$588**  
Model D CPU + Keyboard 512K 360K Floppy Drive 4.77/13 MHz 12" Monitor Software bundle 10 Diskettes Disc Drive Head Cleaner.

ALL IBM COMPATIBLE COMPUTERS AVAILABLE WITH 20/30/40/60/80 HARD DRIVES ALL SYSTEMS SUPPORT MGA/CGA/VGA/MULTISCAN PACKAGE DEALS AVAILABLE ON ALL SYSTEMS!!

OPEN 7 DAYS A WEEK FROM 9-9

CALL TOLL FREE 1-800-448-3738 NY RESIDENTS/INFO CALL (212)397-1081

Use M/C, Visa, AMEX Or Send Money Order. Certified Checks. All Merchandise Brand New Factory Fresh. Shipping Charges Non-Refundable. For Mail Orders Please Call Before Sending in Money Order. All Prices Subject to Manufacturers Increase/Decrease. Refunds Within 7 Days Only With Original Packaging & Unfilled Guarantee Card. No Refunds Accepted Without Prior Verbal Authorization. Customer Service Between 12pm-6pm. Pictures Are For Illustration Purposes Only. Not Responsible For Typographical Errors. Prices Good For Mail Orders Only. Shipping, handling and insurance charges are extra and non-refundable. Returns are subject to a restocking charge.

FAX NUMBER (212) 397-3056



# Advertisers Index

Reader Service Number/Advertiser	Page
150 Access Software Incorporated	107
123 Accolade	1
132 Accolade	17-19
133 Accolade	32-33
180 Accolade	61
179 Accolade	93
178 Accolade	119
108 Activision	87
106 Activision	97
104 AdLib	IBC
Brøderbund	77
Brøderbund	83
172 California Freeware	144
125 CAPCOM USA	99
128 CAPCOM USA	101
131 CAPCOM USA	103
114 Computer Direct	150-151
144 COVOX Inc.	138
126 Damark International, Inc.	9
135 Data East	123
175 DCS Industries, Inc.	144
102 Electronic Arts	49
152 Electronic Arts	51
149 Electronic Arts	53
137 Family Jewels	136
113 FANFARE/Britannica	63
112 FANFARE/Britannica	75
145 Fas-Track Computer Products	138
Ford Motor Company	8i
115 Freeware Unlimited	145
118 Gemini Marketing, Incorporated	142-143
167 Gold Hill Software	133
171 Gosselin Computer Consultants	144
142 Indus-Tool	130
130 KONAMI	91
169 The Learning Company	IFC
119 Lucasfilm	35
181 Lyco Computer	154-155
158 Maxis Software	20
122 Mibro Co.	139
139 Micro Illusions	122
176 Micro Illusions	126
116 Micro Star	131
105 MicroProse	81
103 MicroProse	109
177 Miles Computing	105
120 Mindscape	113
121 Mindscape	115
151 Mindscape	117
141 MindWare	130
Montgomery Grant	147
143 Online Search	138
170 ORIGIN	5
156 ORIGIN	121
157 Parsons Technology	36-37
146 Parsons Technology	57
136 Parsons Technology	69
166 Parsons Technology	71
173 Precision Images	144
163 Prodigy	28-29
109 Radio Shack	85
117 RainWare	15
140 Ramco Computer Supplies	130

Reader Service Number/Advertiser	Page
147 Reasonable Solutions	149
155 SEGA/Mindscape	43
160 SEGA/Mindscape	44-45
164 SIERRA	BC
182 Silicon Express	10
111 Software Discounters of America	137
159 Software Excitement!	152-153
165 Spinnaker	67
138 Springboard	135
Strategic Simulations, Inc.	111
127 subLOGIC	50
110 subLOGIC	55
129 TAITO	25
153 TAITO	27
148 The Software Labs	13
121 The Software Labs	148
161 TITUS	125
174 Toyogo, Inc.	144
107 UBI SOFT	41
162 United Computer Express	128
168 Virgin Games	127
134 XOR Corporation	124

COMPUTE! Subscription	120
COMPUTE!'s Best of PC	56
COMPUTE!'s Demo Disk	
Directory	140-141
COMPUTE!'s Mean 18 Disk	158
COMPUTE!'s PC Software	
Demo Video Cassette	30-31
COMPUTE!'s SHAREPAK	
Disk	52
Classifieds	146

## Copies of articles from this publication are now available from the UMI Article Clearinghouse.

Yes! I would like to know more about UMI Article Clearinghouse. I am interested in electronic ordering through the following system(s):

- DIALOG/Dialorder       ITT Dialcom  
 OnType                       OCLC ILL Subsystem

Other (please specify) \_\_\_\_\_

I am interested in sending my order by mail.

Please send me your current catalog and user instructions for the system(s) I checked above.

Name \_\_\_\_\_

Title \_\_\_\_\_

Institution/Company \_\_\_\_\_

Department \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone (\_\_\_\_\_) \_\_\_\_\_

**U**  
**M** Article  
**I** Clearinghouse

Mail to: University Microfilms International  
300 North Zeeb Road, Box 91 Ann Arbor, MI 48106

## COMPUTE! Publications Back Issues/ Disk Orders

Individual back copies of *magazines* and *disks* are available by mail only while quantities last.

Please clip or photocopy, and mail completed coupon and check to:

COMPUTE! Publications  
Single-Copy Sales  
P.O. Box 5188  
Greensboro, NC 27403

Name: \_\_\_\_\_

Street: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_

Type of computer: \_\_\_\_\_

Quantity	Issue (Month/Year)	Magazine or Disk Name	Price*

**SUBTOTAL:** \_\_\_\_\_

Sales Tax:† \_\_\_\_\_

Shipping: \_\_\_\_\_

**TOTAL:** \_\_\_\_\_

\* Back issues of *COMPUTE!* and *COMPUTE!'s Gazette* are \$6.00 each. No issues dated prior to January, 1986, are available. In addition, the following issues are **NOT** available: *Gazette*: 1/86, 3/86.

\* Single disks for *COMPUTE!'s Gazette* are \$15.00. Disk/magazine combinations are \$16.00. NOTE: No disks dated prior to June 1986 are available. The May 1986 and October, 1987 *Gazette* disks are no longer available.

\* Back issues of *COMPUTE!'s PC Magazine* are \$16.00 each. This publication is available only as a magazine/disk combination. Our back issue inventory consists mainly of magazines with 5.25-inch disks, but we will attempt to supply 3.5-inch disks if requested. The following issues are **NOT** available: *PC Magazine*: 9/87, 11/87, 9/88, 11/88.

\* Back issues of *COMPUTE!'s Amiga Resource* magazine are available beginning with Spring, 1989 for \$6.00 each. Back issues of *COMPUTE!'s Amiga Resource Disk* are available beginning with Summer, 1989 for \$10.00 each. Disk/magazine combinations are \$12.00.

Shipping and handling included for U.S. and Canadian residents. Others add \$2.00 for surface mail, \$5.00 for air mail.

Payment must be in U.S. dollars by check drawn on U.S. bank. MasterCard or Visa credit cards accepted on orders of more than \$20.00.

† North Carolina, New York, and Pennsylvania residents must add appropriate sales tax.



o-matic and your dice—sore wrists and all.

ADAM STARKWEATHER

Atari ST—\$49.95  
IBM PC and compatibles with CGA, EGA, or Hercules graphics—\$49.95  
Macintosh with one megabyte—\$59.95

MICRO LEAGUE SPORTS ASSOCIATION  
2201 Drummond Plaza  
Newark, DE 19711-5711  
(302) 368-9990

## CERTIFICATES AND MORE

**N**eed to tell someone they're special? Want to reward your Scout troop for outstanding service? Looking for a form to keep track of your sixth graders' test scores? With *Certificates and More* you can create and print original certificates and charts for all of the purposes above, plus much more.

More than a mere award maker, the program features variations on the

certificate theme. You can create calendars, checklists, board games, bingo cards, flashcards, greeting cards, charts, and other items by selecting a template and filling in your own information.

If you want to create a certificate from scratch, a number of options are offered. You can choose horizontal or vertical alignment, one of 20 borders, items from 19 categories of clip art, and numerous fonts.

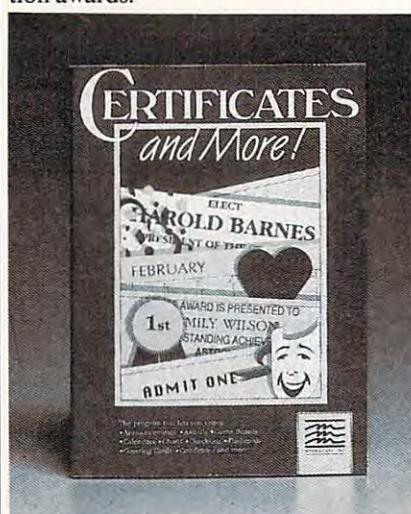
You can rotate your certificate left and right and flip it vertically and horizontally. Using these functions, you can place clip art and text virtually anywhere on the page. A mouse is much easier to use for positioning than the directional cursor keys.

The clip-art categories include the usual assortment of animals, transportation, holidays, people, and seasons, as well as banners and medals that you can fill in with text or other graphics. All of this really makes a sheet of paper look important.

The nine fonts in 15 sizes comprise a good selection from which to dress up a certificate. They range from Baby Bold to Venice and are easily entered and deleted.

Most people will use this program at school and at home. Some

ideas might be garage-sale announcements, chore charts for family members, and club or individual recognition awards.



Use *Certificates and More* to reward someone for a job well done.

The program and manual were originally created for Apple computers, and, although the program was revised for IBM PCs and compatibles, the manual was not. Mindscape included an IBM/Tandy Reference Card that points out the differences



Save on BROWNOUT protection!

### LINE CONDITIONER

keeps power constant during voltage sags and power surges!

Prevents damage and downtime on computers, phone systems, cash registers, etc. by providing full voltage support when AC input power varies up or down. Maintains constant output of 120V. *Line Stabilizer* is a stepped transformer system that has higher efficiency than CVT's (constant voltage transformers) and gives lower waveform distortion at FAR LOWER COST. Built-in spike and noise suppression. 1-Year warranty!

1200-Watt, 4 Outlet  
**ONLY \$199**

1800-Watt, 6 Outlet  
**ONLY \$259**

Order toll free 1-800-662-5021  
IN ILLINOIS CALL 1-312-648-2191 OR MAIL COUPON

INDUS-TOOL, 730 W. Lake Street  
Dept. CI, Chicago, IL 60606

Enclosed is \$\_\_\_\_\_ or charge on  
 MasterCard  Visa  Expires \_\_\_\_\_  
Card No. \_\_\_\_\_

Send  1200-Watt @ \$199  1800-Watt @ \$259

Name \_\_\_\_\_  
Company \_\_\_\_\_  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone \_\_\_\_\_

Circle Reader Service Number 142

**CREATIVITY  
& PERSONAL  
DEVELOPMENT  
SOFTWARE**

Choose from Dozens of the  
Best Programs Available  
Send for 32 page, Full-color  
**MINDWARE Catalog**

Choose from Dozens of the Best Programs Available  
Send for 32 page, Full-color **MINDWARE Catalog**

■ **NEUROBICS:** Turbocharge Your Brain. 6 Challenging Mental Exercises. Great Graphics. \$44.95

■ **LUSCHER PROFILE:** Reveal Your Hidden Personality. Based on Dr. Lusher's Famous Color Test. Prints Out Results. \$39.95

■ **MAXTHINK:** 100 Ways to Superior Techniques of Writing and Thinking with this Outliner/Idea Processor. \$89.00

■ **HEART TO HEART:** Stimulate a Profound Dialog with Your Spouse or Lover. Prints Out Dialog. \$39.95

To Order, Call Toll Free: 800/447-0477

Send \$1.00 for Catalog to **MINDWARE**  
1803 Mission St. Ste. 414 Santa Cruz, CA 95060

Circle Reader Service Number 141

### COLOR RIBBONS & PAPER

RIBBONS: Red, Blue, Grn., Brwn., Purple, Yel.

Ribbons	Price Each	Black	Color	Heat Transfer
Apple Image I/II		3.75	4.50	6.50
Apple Image II — 4-Color		—	7.50	10.50
Brother M1109		4.95	5.95	7.00
C. Itoh Prowriter Jr.		7.00	9.00	—
Citizen 120D/180D		5.00	6.00	7.95
Commodore MPS 802/1526		6.00	7.25	—
- MPS 803		4.95	5.95	7.00
- MPS 1000		3.95	4.95	6.75
- MPS 1200/1250		5.00	6.00	7.95
Epson MX80/LX800		3.75	4.25	6.75
IBM Proprinter		5.75	8.00	12.00
Okidata 82/92		1.75	2.25	4.50
Okidata 182/192		6.50	7.50	6.00
Panasonic K-XP 1080		6.75	7.75	—
Seikosha SP 800/1000		5.25	6.50	7.95
Star NX10/NL10		5.00	6.00	7.95
Star NX1000		4.50	5.50	6.75
Star NX1000 — 4-Color		—	8.75	—

T-SHIRT RIBBONS (Heat Transfer) — Red, Blue, Grn., Brwn., Purple, Yel., Blk. Call For Price & Availability.

### COLOR PAPER

BRIGHT PACK — 200 Sheets/50 each color: Red, Blue, Green, Yellow. 9 1/2 x 11 — \$11.90/pk.  
 PASTEL PACK — 200 Sheets/50 each color: Pink, Yellow, Blue, Ivory. 9 1/2 x 11 — \$11.90/pk.

COLOR BANNER BAND PAPER — 45 ft./roll — \$9.95/ea.

For ribbons & paper not listed above, call for price & avail. Price & spec. subject to change w/o notice. Min. order \$25.00. Min. S&H \$3.50 min. Visa, MC, COD.

**RAMCO COMPUTER SUPPLIES**  
 P.O. Box 475, Manteno, IL 60950 U.S.A.  
 (U.S.A.) 800-522-6922  
 (Canada) 800-621-5444 • 815-468-8081

Circle Reader Service Number 140

[www.commodore.ca](http://www.commodore.ca)



# \$175

PER DISK  
10 or more disks

# Great Software

Thousands of IBM/Compatible Public Domain and Shareware Programs Are Available with the Latest Versions to Meet Your Every Computing Need. And Our Software is Guaranteed! Order today on our TOLL FREE lines. Orders shipped SAME or NEXT DAY. Call for FREE catalog!

# \$195

PER DISK  
1 - 9 disks

## GAMES

**STARLORD (GAM95)** Play Star Trek on your PC (CGA).  
**STRIKER (110)** "Top Gun" in space (CGA).  
**DRACULA IN LONDON (GAM 94)** Great graphics game based on novel (CGA).



**DND v1.2 (119)** Like Dungeons and Dragons.

**ROUND 42 (120)** Like Space Invaders but better. 42 levels (CGA).

**BRIDGEPAL (171)** Complete game of contract or rubber bridge, with tutorial.

**TWO BIT POKER v2.0 (172)** Our best draw poker. Nice graphics (CGA).

**SPACEWAR (158)** Dogfight in outer space using phasers, photon torpedoes, etc.

**PC-JIGSAW v1.1 (GAM71)** Beautiful computer jigsaw puzzles. Color or mono.

**EAT 'EM II (GAM 74)** Like Pac Man but with a bigger field.

**KID-GAMES (GAM8)** Animals math, clock game, alphabet, etc. (CGA).

**CHESS (GAM9)** Incredible. 2D and 3D. Playback moves, store games (CGA).



**EGA RISK (GAM11)** World domination in great color. With EGA Asteroids (EGA).

**SCRABBLE (GAM72)** Exact rendition of the all time favorite (EGA).

**CADDIEHACK EGA GOLF (GAM100)** Best 18-hole shareware golf game around! Incredible graphics. CGA version is GAM101 (EGA).

**MAH JONGG (GAM103)** High tech simulation of this ancient game. CGA version incl. (VGA).



**BLACKJACKI v1.5 (GAM47)** Very professional and superb graphics (Mono or EGA).

**PAS TRIVIA v3.02 (GAM114)** Family oriented trivia game for up to 6 players.

## KINGDOM OF KROZ (GAM5)

A combination arcade, adventure, and strategy game with 25 levels.

**CROSSWORD CREATOR (GAM 108)** Shareware's finest crossword puzzle generator!  
**SHARP SHOOTER (GAM84)** Tank vs. tank warfare game. Up to eight players (CGA).

## PROGRAMMING

**PC-BASIC PRIMER (1625)** Learn BASIC in a very colorful environment (CGA, BASIC).

**PERSONAL C COMPILER v1.2 (1627)** Small C compiler. Great for learning the C language (2 FD or HD).

## WORD PROCESSING

**PC-WRITE v3.02 (434-436/3 disks)** Newest version! Very popular. Includes spelling checker (2 FD or HD).

**GALAXY v2.42 (407)** Easy to use menu system. Mouse and EGA support.

**PC-WRITE MACROS v1.2 (458)** 100 special commands for PC-Write.

## GRAPHICS

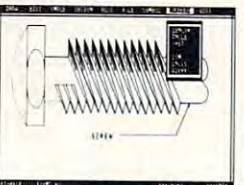
**MIND CHART (GRA37-GRA38/2 disks)** Menu-oriented screen graphics charting and drawing programs.

**SIMCGA/HGCIBM (1027, 1062/2 disks)** Use with Hercules graphics card/compatible to run CGA programs on your monochrome.

**IMAGE-3D (1048)** Create, edit 3-D objects. Move, scale, rotate image (CGA).

**FINGER PAINT v2.00 (1050)** Use keyboard or mouse to draw. Like MacPAINT (CGA).

**DRAFT CHOICE (GRA6)** Excellent menu-driven CAD program. Mouse support.



**CHARTS UNLIMITED (GRA16)** Complete system for flow charts, organizational, electrical, etc., with symbols.

## SPREADSHEETS

**AS-EASY-AS (505)** Great! Includes screen help menus. A Lotus clone that reads Lotus files.

**PC-CALC+ v1.0 (512-514/3 disks)** Jim Button's famous Lotus clone (2 FD or HD).

**PIVOT v1.01 (516)** Prints Lotus or As-Easy-As worksheets sideways.

## MUSIC

**COMPOSER (313)** Create, edit and play music with nice graphics. (CGA).

**CHRISTMAS SONGS (311)** Collection of your favorite Christmas tunes.

## UTILITIES

**PROFESSIONAL MASTERKEY v3.0 (2805)** Like Norton's. Retrieve deleted files. A lifesaver (2 FD or HD).

**TECHSTAFF TOOLS (3068-3069 /2 disks)** 13 utilities no computer should be without!

**SCOUT v3.5 (2808)** Excellent file/directory control program (for EM memory order #2809).

**SCREENSAVER v1.05 (UTL21)** Save monitor from burn-in. For all video displays.

**BRADFORD v2.0 (2729)** Beautiful fonts for your dot matrix.

**PAS MASTER MENU v1.02 (UTL33)** PC menu interface for multiple users passwords, etc. (HD).

## DOS

**TUTOR.COM v4.4 (1304)** Teaches you DOS. Interactive.

**HELPDOS v2.0 (1326)** On-line DOS help with menus. Includes DOS dictionary of terms and a hints menu.

**STILL RIVER SHELL v2.58 (1304)** Run DOS commands from menu. Make DOS easy.

## RELIGION

**BIBLEMAN (3330)** Excellent Bible quiz program.

**BIBLEWORKS (3356-3364/6 disks)** Nice Bible reference, allows editing. Entire Bible (2 FD or HD).

## EDUCATION

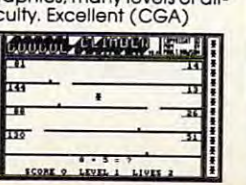
**FUNNELS AND BUCKETS (201)** A fun way to learn math. For ages 5 through 8.

**AMY'S FIRST PRIMER v1.70 (248)** Child's learning game teaches letters, numbers, keyboard (CGA).

**FACTS 50 (239)** Geography lessons for U.S. Nice graphics (BASIC).



**GOOGOL MATH (EDU15)** Math learning system. Nice graphics, many levels of difficulty. Excellent (CGA).



NOTE: Minimum program requirements are in parentheses at the end of descriptions. FD=floppy drive, HD=hard drive, CGA=at least CGA, or better (for example, EGA or VGA).

**PC FASTYPE v3.01 (241)** Touch typing instruction program. Includes WPM, accuracy, etc. (CGA).

**SPANISH I & II (211, 232/2 disks)** Great tutorial (BASIC).

## ACCOUNTING/FINANCE

**MARKETCGA v2.2 (BUS17)** Performs sophisticated analysis on stocks, funds, etc. EGA version is BUS 16 (CGA).

**MEDLIN ACCOUNTING (757)** Includes G/L, A/P, A/R and payroll all in one package!

**EXPRESS CHECK v2.06 (786)** Checking account with running balance, monthly reports, etc. Prints checks.

**FINANCE MANAGER II G/L v1.3 (754)** For personal or small business financial management (2 FD or HD).

## APPLICATIONS

**FOOTBALL FUN (MIS1)** Manage an office football pool.

**LOGITI (UTL27)** RAM resident computer logging program.

**THE NUTRITIONIST (2334)** Evaluates foods, meals and recipes for nutritional content.

**EZ-FORMS (1909)** Make forms to meet different needs.

**FAMILY TREE (2201)** Create files and genealogical reports.

**LOTTO PROPHECY v2.7 (2364)** Best lotto program we've seen.

## TELECOMMUNICATIONS

**TELEX v3.11 (1161-1162/2 disks)** Comprehensive package. Supports baud rate to 115,200 (modem, 2 FD or HD).

**WILDCATI v1.03 (1141, 1143/2 disks)** Flexible bulletin board system (modem, HD).

**PROCOMM v2.43 (1159)** Outstanding modern software (modem).

## SECURITY/HACKING

**COPY PROTECTION IV (1226)** latest release. For adv. programmers (2 FD or HD).

**FLU SHOT+ v1.5 (1225)** Best protection against the dreaded viruses!

**VIRUS STOPPER v2.0 (1223)** Protect your system from viruses and trojan horses.

## DATABASE PROGRAMS

**PC-FILE:DB (853-855/3 disks)** Newest version! Report-writer, dBASE III+ compatible data files (HD).

**FILE EXPRESS (803-804/2 disks)** Powerful system. Allows 32,000 records. Sorts up to 10 fields (2 FD or HD).

# MICRO STAR

## ORDER FORM

PLEASE PRINT DISK NUMBERS

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE ( ) \_\_\_\_\_

NUMBER OF DISKS \_\_\_\_\_ X (PRICE) \_\_\_\_\_ =

(\$1.95 PER DISK FOR 1-9; \$1.75 FOR 10 OR MORE)

NOTE: 2 DISK SETS ARE 2 X (PRICE)

SOFTWARE ON 3.5" DISKS ADD \$1.00 EACH

CALIF. RESIDENTS ADD 6% TAX = \_\_\_\_\_

SHIPPING AND HANDLING = \$3.50

(FOREIGN ORDERS ADD \$5/CANADA \$2) = \_\_\_\_\_

MAIL CHECK OR MONEY ORDER TO: TOTAL = \$ \_\_\_\_\_

MICRO STAR • 1105 SECOND ST. • ENCINITAS CA 92024

IF PAYING BY VISA OR MASTERCARD, PLEASE GIVE

NUMBER: \_\_\_\_\_

EXP. DATE: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_

We also accept COD orders (add \$4.00). Call or write for free catalog.

Call TOLL FREE for SAME DAY SHIPPING

# 800-444-1343

Foreign Orders  
& Customer  
Service

7 am to 5 pm PST Monday - Saturday

(619) 436-0493



between the two versions. Unfortunately, those differences are so great that the manual becomes almost irrelevant. Then again, the program is so easy to use that this is but a small problem.

Finally, the program is copy-protected. Because it's so reasonably priced (the lab-pack version of the program, which contains five copies, costs just \$99.50), Mindscape probably feels that complaints about copy-protection are unwarranted. But it certainly makes operating the program more cumbersome than it needs to be.

At less than \$50, *Certificates and More* is a good buy. It does what it promises, and quickly, too. Once I was familiar with the program, it took very little time to design a certificate. Printing certificates, in any of the four sizes, also proved easy. Pick up this package for an easy and creative way to reward that person in your life for a job well done.

LYNNE FREY

Apple II—\$49.95  
IBM PC and compatibles with CGA—  
\$49.95  
Certificate Collection (55 predefined cer-  
tificates)—\$19.95

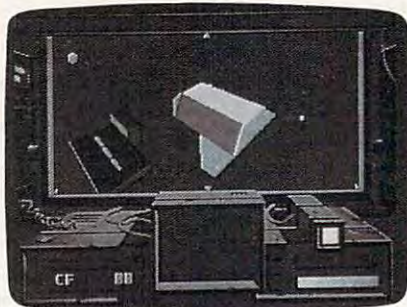
MINDSCAPE  
3444 Dundee Rd.  
Northbrook, IL 60062  
(312) 480-7667

## SPACE ROGUE

**T**he best of flight simulation and role-playing come together in *Space Rogue*. Soar through space, dogfight other ships, maneuver through treacherous asteroid belts, and then dock at various starbases to interact with the people and aliens you meet.

You begin as a private aboard a large merchant ship called the Princess Blue. When your ship receives a small-craft distress beacon, the captain sends you to investigate. The ship in distress turns out to be the Jolly Roger, a Sunracer-class scout ship. You find it abandoned but in perfect working order. Before you can figure out what happened to the ship's crew, the Princess Blue is attacked by Manchi Vulture-class hiveships and destroyed by plasma torpedoes. The Manchis then disappear back into space leaving you and the derelict Sunracer unharmed. Thus begins your career as a space rogue.

The setting for *Space Rogue* is the twenty-fourth century in a part of the Galactic Empire known as the Far Arm. It consists of a dozen starbases, outposts, and mining stations spread out over eight different star systems. All of these systems are linked through wormholes by a network of Malir gates. Fortunately, your new Sunracer has been approved by the Imperial authorities for travel through Malir gates.



Maneuver your ship in space around the 3-D objects found in *Space Rogue*.

The Sunracer is a good, all-purpose cargo ship with some armor and a basic laser-beam weapon. You pilot the ship by charting a course with the navigation computer and then activating the automatic helm. If another ship is detected and you think it's a threat, you can take appropriate action. Once you arrive at your destination, you switch to the cockpit mode and pilot the ship manually for docking.

There are four types of bases, and they offer protection, repair and service facilities, trading posts, and friendly cantinas. The people you meet on your travels can provide valuable information about life in the star system or tell you about specific business opportunities.

As a space rogue, you can take three different directions. You can make your living as an honest trader, buying and selling everything from explosives and brandy to souvenirs and manure. You can turn to piracy and raid merchant ships. Or, you can become a bounty hunter and collect imperial bounties for destroying all the pirate ships you can find. Since most pirate ships are fairly well armed, however, you'd better make sure to upgrade your Sunracer before embarking on this career.

You can play *Space Rogue* with a joystick, a mouse, or the keyboard. Instead of a conventional user's manual, the game comes with the Sunracer Owner's Guide and Navigation Manual. From the greasy fingerprints, coffee-cup rings, and notes scribbled in

the margins, it's clear that the manual once belonged to the original owner of the derelict Sunracer.

From the interesting opening premise to this clever manual, *Space Rogue* works. Not simply because it's one of the first games to integrate two distinct genres, but because it does so believably and with style. While you're in flight, objects you see from your cockpit view appear solid and 3-D; the animation is incredibly smooth and realistic. More importantly, the realism continues even after you step out of your Sunracer and begin to deal with the bounty hunters, merchants, pirates, and economic conditions you'll find in the Far Arm. If you've ever wondered what it would be like to be Han Solo, *Space Rogue* is your chance to find out.

BOB GUERRA

Amiga—\$49.95  
Apple II—\$49.95  
Atari ST—\$49.95  
Commodore 64/128—\$49.95  
IBM PC and compatibles with 384K and  
CGA, EGA, or VGA—\$49.95  
Macintosh—\$49.95

ORIGIN SYSTEMS  
136-B Harvey Rd.  
Londonderry, NH 03053  
(800) 999-4939

## DOSTALK

**T**hat inhuman command line interface, MS-DOS, is responsible for the largest number of gripes in the PC-compatible world. The intimidating prompt! Those obscure abbreviations! That unforgiving syntax! The inflexibility and coldness of it all! Millions of Macs have been sold on the strength of Apple's "natural, intuitive interface," with the implication that competitor MS-DOS is an "unnatural, incomprehensible interface."

A number of programs have been released over the years to transform MS-DOS into a kinder, gentler operating system and to make it more appealing to novices and experienced users. *DOSTALK* (now in version 2.1), one of the more ambitious efforts, offers "an English-language interface to the DOS environment," according to its developer, SAK Technologies. The program translates regular English phrases into executable commands, presumably eliminating much of the necessary MS-DOS know-how. >



\$2<sup>50</sup> ea.  
10 or More

# The World's BEST 101 Programs

The World's BEST User-Supported Software for IBM PC Compatibles  
All Disks Are Easy to Use—No Computer Experience Needed!!  
Same-Day Shipping • UPS 2nd Day Air Available for only \$2 Extra  
Toll-Free Order Line • Visa/MasterCard Accepted • FREE Catalog  
Unconditional Money-Back Guarantee!!

\$3<sup>00</sup> ea.  
Less Than 10

Act Now!! **3 FREE DISKS\*** Limited Time!!

## BUSINESS/ACCOUNTING/FINANCE

- Finance Manager II (601)**—Complete double-entry bookkeeping.
- Tickler (602)**—Keeps track and reminds you of important dates, deadlines, and appointments. **HD.**
- Blakbook (603)**—Great for keeping track of addresses and phone numbers. Prints an address book.
- Stock Charting (612)**—A complete portfolio system to track, analyze, and chart your stocks.
- Small Business Accounting (617)**—A must for all small business owners!
- Solve-It! (618)**—Does over 20 vital financial calculations including amortization, PV, FV, and IRR.
- PC-Books (621)**—A complete, easy to use bookkeeping system.
- PC-Loans (628)**—This package supports all common loan methods.
- Easy Project (629)**—A powerful project manager software package.
- FormGen (630)**—Design and print any office form, easily!

## HOME BUDGETS/FAMILY APPLICATIONS

- Fast Bucks (100,101)**—Keeps track of all your personal finances and prints great financial reports (2 disks).
- Home Budget Manager (103)**—Tracks all your household expenses and helps you to set budgets and goals.
- Express Check (104)**—Excellent checkbook program with reconciliation and great screen displays. **512K.**
- Home Inventory (105)**—Keeps track of all your personal property.
- MealMate (115)**—Helps you to plan nutritionally balanced meals.
- Edna's Cookbook (118,119)**—An easy to use computerized cookbook. Comes with several great recipes—add your own favorites. (2 disks)
- Brother's Keeper (120,121)**—A great genealogy program that allows you to trace your family history (2 disks).

## GRAPHICS/PRINTING

- Express Graph (106)**—Turns raw data into great business graphics.
- DiskOver (320)**—Prints informative disk sleeves for all your disks.
- Banner Maker (502)**—Prints banners in various sizes, styles, and fonts.
- PrintShop Graphics (503)**—A large collection of Printshop clip art.
- EDraw (508)**—Design tool for creating flow charts and schematics. **CGA.**
- PC-Art (509)**—A color graphics painting/drawing package. **CGA.**
- Epson Utilities (514,515)**—Enhance the print quality of your Epson-compatible printer. (2 disks)
- PC-Key Draw (520-523)**—Powerful CAD design system. Works with mouse or keyboard. (4 disks) **CGA**
- City Desk (525)**—Simple desktop publishing for newsletters.

## GAMES CONT.

- Sleuth (903)**—Play detective in this "Who done it?" adventure.
- Solitaire (940)**—The computer makes sure you don't cheat! **CGA.**
- Space War (958)**—Battle it out in outer space—ship vs ship. **CGA.**
- Sports Games (927)**—Bowling, archery, and pool. **CGA.**
- Star Trek (948)**—Two versions for all you TREKies out there.
- Strategic Games (926)**—Fight on land and sea in this war simulation.
- Striker (904)**—Helicopter attack and rescue arcade game. **CGA.**
- Pinball (941)**—Great sound and fast play on 5 different "machines." **CGA.**
- Video Poker/Ultima 21 (945)**—The BEST poker and blackjack games!
- Wheel of Misfortune (935)**—Like TV's Wheel of Fortune game.

## DATABASE/MAIL LIST

- File Express (700,701)**—A powerful, easy to use database (2 disks).
- Doctor Data Labels (703,704)**—Complete and powerful! A professional mail list manager. (2 disks) **HD.**
- PC-File:dB (705-707)**—The most powerful dBASE compatible program available! (3 disks) **HD 512K.**
- Label Master (715)**—A great mail list manager and label printing utility.

## MISC. APPLICATIONS

- Weight Control (302)**—Let this program help you get fit.
- Personal Biorhythm (310)**—Will display or print a personal chart
- KwikStat (314,315)**—A professional statistics package. (2 disks)
- Wisdom of the Ages (316-319)**—Great quotes from the greatest minds of history. Quick access to 6000 quotations in several categories. (4 disks).
- Make My Day (627)**—Puts you in control by organizing your time! Keeps track of appointments and deadlines.
- Piano Man (901)**—Compose and edit music or play the keyboard.

## EDUCATION

- French I & II (200,201)**—Learn and practice French vocabulary (2 disks).
- Spanish I & II (205,206)**—Test and train with these excellent Spanish vocabulary drills (2 disks).
- Geography (215)**—Learning is fun with this great geography trivia game.
- PC-Gradebook (217)**—Record and monitor your students' grades.
- World (221)**—A computer encyclopedia of global information. **CGA.**
- Typing Tutor (224)**—Helps you improve your speed and skill. **CGA.**
- PC-Professor (229)**—This program teaches BASIC programming.
- Spelling Bee (230)**—Helps students improve their spelling. **CGA.**
- Math Lessons (233)**—A great program that teaches algebra. **CGA.**
- Facts 50 (234)**—A graphic geography lesson of the U.S. **CGA.**
- Computer Tutor (235)**—Become a more effective computer user.
- Play 'n' Learn (236)**—A set of 6 learning games for preschoolers. **CGA.**

## SPREADSHEETS

- PC-Calc+ (800-802)**—The most powerful spreadsheet package. (3 disks) **512K.**
- QubeCalc (806)**—Take your spreadsheets 3-D! Highly recommended.
- Lotus Macros (807)**—A large collection of Lotus macros and templates.
- Lotus Learning System (810, 811)**—Master Lotus 1-2-3! (2 disks)

## WORD PROCESSING

- PC-Write 3.02 (851-853)**—The BEST word processor for under \$200! Has spell checking and hundreds of other features (3 disks) **512K.**
- PC-Stylist (855)**—Analyzes and helps you to improve your writing skills.
- PC-Outline (860)**—An excellent idea organizer and free form database.
- WP 5.0 Learning Sys. (863,864)**—Helps you learn and master Word Perfect 5.0. (If you have WP 4.2, select disks #861 & #862.) (2 disks)
- WP 5.0 Macros (857)**—Several macros for Word Perfect 5.0. (If you have WP 4.2, select disk #856.)
- PC-Type+ (870-872)**—Complete word processor with 100,000 word dictionary and mail merge. (3 disks)

## BIBLE/RELIGION

- Bible-Q (551)**—Test your Biblical IQ!
- BIBLE Men (570)**—A fun quiz on the people in the BIBLE.
- SeedMaster (555-567)**—The complete King James version of the BIBLE on disk! (13 disks) **HD.**

## UTILITIES

- MasterKeys (400)**—Like Norton Utilities (recover deleted files, disk editing, change file attributes, etc.).
- SimCGA (404)**—Allows monochrome PCs to run many CGA programs.
- PC-DeskTeam (406)**—Several useful desktop accessories (clock, calendar, calculator, notepad, etc.).
- Automenu (409)**—A very professional hard disk menu system. Run any of your programs from a custom menu.
- SideWriter (410)**—Prints your spreadsheet print files sideways.
- Baker's Dozen (411)**—A set of 13 utilities that everyone needs!
- Space Maker (412)**—This utility allows you to fit more data on any disk.
- ALT (413)**—It's like Norton Utilities, the Sidekick desktop accessories, and a menu program all in one!
- Still River Shell (414)**—A superb file and directory management utility.
- HD Backup (415)**—Allows you to backup/restore all the data on your hard drive with floppy disks. **HD.**
- NewKey (416)**—Save time and increase efficiency by using this (the BEST) keyboard macro program

## GAMES

- AdventureWare (934)**—Five excellent adventure games.
- Armchair Quarterback (905)**—A fun football strategy game.
- Baseball (916)**—Great arcade action and baseball strategy. **CGA.**
- Brain Teasers (953)**—Test your knowledge in several categories.
- Checkers (954)**—See if you are good enough to beat the computer. **CGA.**
- Crime Lab (955)**—Play this exciting graphic murder mystery game. **CGA.**
- Flightmare (923)**—Futuristic fighter pilot arcade game. **CGA.**
- Ford Simulator (956)**—A great driving simulation game from Ford. **CGA.**
- Hopper (902)**—Frogger clone. **CGA.**
- Kid Games (938)**—These games are both fun and educational. **CGA.**
- Kingdom of Kroz (952)**—An excellent, award-winning adventure game.
- Las Vegas Style Craps (914)**—Play and improve your skill. **CGA.**
- Monopoly (908)**—An excellent new version of the classic game. **CGA.**
- PAC-Man & More! (930)**—PAC-Man and Ms. PAC-Man clones. **CGA.**
- PC-Gammon (907)**—Play a tough computer opponent, anytime. **CGA.**
- PC-Pro Golf (920,921)**—Choose your club and swing away! A great golf game which requires a hard drive or two floppy drives. (2 disks) **CGA.**
- Pearl Harbor (959)**—Save your fleet from the invading planes. **CGA.**
- Risk (946)**—Play the famous board game on your computer. **CGA.**
- Scrabble (957)**—Test your word power with this always fun game. **CGA.**

## IMPORTANT

**CGA**=Requires Color Computer  
**HD**=Requires Hard Drive  
**512K**=Requires 512K RAM

For multi-disk sets, count all disks in set.

\* With your order of 5 or more disks, select an additional 3 disks FREE (limit 3 free disks per customer).

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_  
State \_\_\_\_\_ Zip \_\_\_\_\_  
Phone (\_\_\_\_) \_\_\_\_\_  
Visa/MC # \_\_\_\_\_  
Exp. Date \_\_\_\_\_  
Signature \_\_\_\_\_  
Disks Ordered \_\_\_\_\_  
x \$3.00 or \$2.50 ea. .... \$ \_\_\_\_\_  
 Need 3 1/2" disks?  
Add \$1 per ea.  
(include free disks) ..... \$ \_\_\_\_\_  
Shipping ..... \$ 3.00  
Foreign add \$2 ..... \$ \_\_\_\_\_  
 COD (U.S. only)  
add \$4 if you require COD \$ \_\_\_\_\_  
 UPS 2nd Day or  
Priority (U.S. only)  
add \$2 ..... \$ \_\_\_\_\_  
TOTAL \$ \_\_\_\_\_  
 Check/MO     Visa/MC     C.O.D.



ORDER TODAY  
1-800-234-6467



One important aspect of *DOSTALK* is that it doesn't ask you to memorize many terms and rules. The only thing that you must keep in mind is to capitalize the first letter of directory, file, and device (disk drives) names. A potentially disastrous situation may arise if you don't because *DOSTALK* will ignore the name and, if possible, execute the rest of the command. Typing *erase word.txt* from the hard disk without capitalizing the filename as *Word.txt* will cause *DOSTALK* to read the command line as *erase the hard disk!* Luckily, the program queries you before erasing any file, and its UNDO feature lets you cancel your most recent command.

But can *DOSTALK* really understand English-language commands? From my hard disk's root directory, I typed commands to change to a subdirectory called *Dpaint*. The usual DOS command would be *cd dpaint*. Entering *change directory to Dpaint* and *go to dir Dpaint* both worked. But typing *go Dpaint* elicited the query *What should I do with the Dpaint directory?* I had to enter the additional *change to it* to get the job done. *DOSTALK* will continue to query you until you issue a command it can follow. I found it can cope with many things you tell it, but don't expect the program to understand every possible way of forming a command. Ironically, the closer you come to MS-DOS syntax, the more likely *DOSTALK* will understand what you're trying to say.

*DOSTALK* offers several features that should have been built into MS-DOS from the start. These include a more flexible command editor that allows you to type corrections into any part of the current command, and an input history buffer that lets you review and edit any of the last ten commands. Another feature is the ability to locate any file and directory automatically. For example, if you issue a command such as *find the file Kingtu.ibm* for a file (with or without wildcards) that's not in the current directory, *DOSTALK* will list the pathnames for the file. Note also that you have to specify just what you want—in this case, a file and not a directory or subdirectory.

*DOSTALK*'s 27-page manual tests the reader's own language comprehension. Here's a typical sentence: *Yzx which is the name of a file or a directory should be starting with an upper case letter since it is not the sentence will be read as: erase the hard disk.* Once you get past the manual's peculiar punctuation and syntax, it offers a reasonably complete discussion

of how to use *DOSTALK*.

The bottom-line question for a program of this type is will it really save you time and effort? I'm no MS-DOS maven, but for me the answer is *No*. Some of what *DOSTALK* does can be accomplished from within MS-DOS. For the rest, the time needed to learn *DOSTALK* and handle its queries could be better spent learning the dozen or so commonly used MS-DOS commands. But if you're hopelessly confused and put off by MS-DOS, *DOSTALK* will shield you from the worst offenses of the PC command line interface; and it's a lot cheaper than a Macintosh.

STEVEN ANZOVIN

For IBM PC, XT, AT, PS/2, Tandy, and compatibles with 360K, DOS 2.1 or higher, and two disk drives or a hard drive—\$89.95

SAK TECHNOLOGIES  
1600 North Oak St.  
Suite 931W  
Arlington, VA 22209  
(703) 522-6425

## PC-KWIK POWER PAK

**B**ack when your PC was new, it seemed fast and responsive. Now it feels sluggish and outdated. Perhaps it's an older model, or maybe it's new and you just crave a faster machine. You could buy an accelerator board, but you don't want to spend that kind of money. Short of stepping up the voltage, what can you do to add some pep to your tired CPU?

If you have some extra memory in your computer, your best option may be Multisoft's *PC-Kwik Power Pak*. Unlike other memory-resident programs, these programs are designed to share the same RAM—when one program finishes its work, it gives back the memory to the other programs. Now you don't have to decide between a RAM cache and a ramdisk program or between a print spooler and a screen accelerator. With *Power Pak*, you can have all four—and a keyboard accelerator, too.

The center of *Power Pak*'s memory-resident universe is Multisoft's highly-regarded RAM-cache program, *Super PC-Kwik*. The ramdisk, print spooler, and screen accelerator work only when the cache program is loaded, because they borrow their memory from the cache's memory.

A typical cache program stores in memory the most recent information the computer has read from the disk in case it's needed again. When the information is requested again, the computer reads it from RAM, which can be read much faster than a floppy or even a hard disk. *Power Pak*'s cache program can use as little as 64K or as much as 16 megabytes and can run in conventional, expanded, or extended memory.



**PC-Kwik Power Pak packs many tools.**

I used Multisoft's benchmark program to repeatedly load a 512-byte and a 4096-byte file with a floppy disk-based PC. The total time was 888 seconds without the cache, 706 seconds with a 128K cache, 648 seconds with a 256K cache, 405 seconds with a 384K cache, and 404 seconds with a 450K cache. In general, the larger the cache's buffer the better, but performance varies according to the application's use of the disk, the amount of data being used, and how often the data is read from the disk.

*Power Pak*'s second program is a ramdisk program. Like a cache, a ramdisk takes information from your floppy or hard disk and places it into your computer's memory for faster access. But, unlike a cache program, a ramdisk lets you select specific files to speed up. *Power Pak*'s ramdisk program also expands and contracts to accommodate the size of its files.

You might use the ramdisk to hold the few program files you use most often and use the cache program to speed up the rest. *Power Pak* even lets you install a second ramdisk. Try copying a file from one ramdisk to the other: The file copies instantly, and, because the drives aren't used, you won't hear a thing.

Next, we come to *Power Pak*'s print-spooler program. Like the ramdisk, the spooler automatically borrows its memory from the cache program. When you print a document, the print spooler captures the data before it reaches the printer, writes a copy of it to RAM, and then



returns control of the computer to you. To use the least amount of memory, the spooler compresses your printer data before writing it to RAM. If the spooler does run out of memory, it automatically waits for more memory to become available as your data prints.

You can monitor the progress of your files with the spooler's pop-up display. It lets you pause, suspend, flush, or resume printing; insert printer control codes; disable and reenable the spooler; change to single-sheet printing; and modify the printer's output rate.

When the spooler is operating, you may sometimes notice a temporary delay in either your printer or, less often, in the program you're running. This happens because your computer's processor is being shared between the spooler and your program. *Power Pak* intelligently manages this with far fewer delays than other printer spoolers.

The fourth *Power Pak* program, the screen accelerator, speeds the output of text to your video screen. How much improvement you'll see depends on your display adapter. A CGA display will increase in speed 200-400 percent, an EGA or VGA

display will increase 300-600 percent, but a Hercules monochrome display will improve only 30-100 percent.

When used with the cache program, the screen accelerator includes a handy scroll-back feature that lets you see text that has scrolled off the screen. The default is 16K, which is only enough for four screens, but the maximum can be set to nearly the size of the cache. If you have problems with flickering or snow on your CGA screen, you'll be happy to know that the screen accelerator can cure that problem, too.

Finally, *Power Pak* includes a keyboard accelerator that increases the rate a character is repeated when you hold down its key. The normal DOS rate is nine characters per second, which means it takes a full nine seconds to move the cursor across the screen. *Power Pak's* keyboard accelerator can increase the rate up to 100 characters per second, offer gradual acceleration, make the horizontal cursor keys twice as fast as the vertical keys, eliminate character run-on for fast cursor stops, and let you select which keys to speed up.

*PC-Kwik Power Pak* is easy to install, and in most cases you can use its automatic configuration. Multisoft is

so confident you'll like its product that it offers a 30-day money-back guarantee. It's a safe bet on Multisoft's part: Once you get a glimpse of life in the fast lane, you'll never look back.

DAVID ENGLISH

IBM PC and compatibles—\$129.95

MULTISOFT  
15100 SW Koll Pkwy.  
Suite L  
Beaverton, OR 97006  
(800) 234-5945

## MENTAL BLOCKS HARRIER 7

**D**o you use your computer for battling bad guys, or do you like to challenge your brain? *Mental Blocks*, an exercise in logical reasoning, will appeal to your intellectual side, while *Harrier 7*, a combat flight game, will bring out the adventurer in you. Both releases are from the Advantage line of low-priced entertainment software. ▸

# You can play Hidden Agenda™ for fun. But Ortega and Noriega are playing it for keeps.

"...after you play for awhile, all those headlines you read might start to make a little more sense."

Steve Williams  
Home Office Computing

"...go as far to the right or left as you want—  
as long as you keep a close eye on your allies and  
enemies."

Owen Linderholm  
Computer Currents

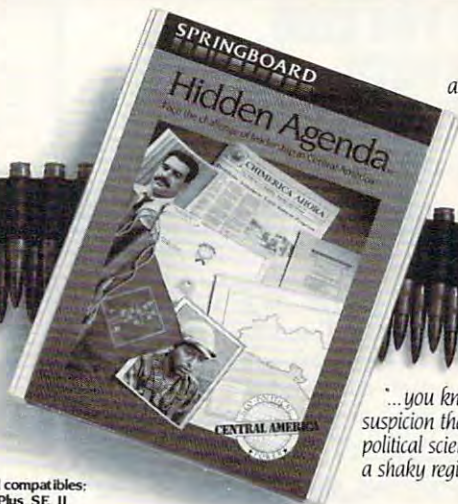
"It's for the little world  
leader in all of us."

Andrew Tobias  
Author, *Managing  
Your Money*

"It's a superb game..."

John Dvorak  
San Francisco  
Examiner\*

For IBM PC, Tandy and compatibles:  
Macintosh 512 KE, Plus, SE, II



"...you know you've had fun, but you also get the sneaking suspicion that you've been tricked into taking a college-level political science seminar on developing a stable government in a shaky region."

David Bunnell  
MacWorld

Can you survive the challenge of leadership in Central America? Get Hidden Agenda at your Springboard Software dealer or call **1-800-445-4780, Ext. 8106.**

Springboard is a registered trademark and Hidden Agenda is a trademark of Springboard Software. ©1989, Springboard Software. ©1988 TRANS Fiction Systems Corp. Macintosh and IBM are registered trademarks of Apple Computer, Inc. and International Business Machines Corporation, respectively. \*Reprinted with permission from the San Francisco Examiner ©1989.

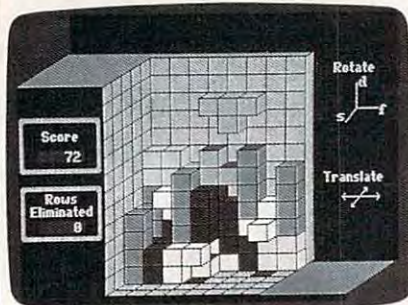
**SPRINGBOARD**

7808 CreekrIDGE Circle, Minneapolis, MN 55435

Circle Reader Service Number 138



*Mental Blocks* consists of three geometric games: Free Fall, California Achievement Cubes, and What's Next, Pussycat?. If you're bored by mindless arcade games, these are for you.



*Mental Blocks* adds one extra dimension of difficulty to your cerebral challenge.

Free Fall, like the game *Tetris*, features a series of falling geometric shapes that you manipulate to fit into solid rows. If a solid row is created, that row disappears and points are awarded. If the pieces are not successfully fitted together, they accumulate until they reach a certain height and the game ends.

But Free Fall takes *Tetris* to another dimension. You find yourself rotating and moving pieces along

three axes, with the difficulty increased exponentially. The falling pieces, reminiscent of those used in the Soma cube puzzles popular years ago, are far more complex in shape than those in the two-dimensional game, and it's very difficult to see the openings that you must fit as they become hidden behind other pieces.

The designers have added nice extra touches in Free Fall, including a grid to help you line up pieces and a shadow that allows you to see where your piece will fall.

California Cubes presents a multicolored cube and a series of four shapes. Your objective is to mentally fold the shapes and select the one that will form the given cube, all within a 30-second time limit. This game is tough.

What's Next, Pussycat? makes a game of logical progressions like those given on IQ tests. A series of three geometric shapes with variations is shown, and four choices are given as the next possible shape. You must pick the next logical piece within a short time limit. This game is fun, varied, and challenging.

The *Mental Blocks* manual is brief and sufficient, the graphics are good, and the controls are easy to use.

This tricky trio is for intellectuals, Mensa members, and those of you who want to test the spatial-relationship capacity of your brain. Overall, it's original and challenging fun for a very reasonable price.

In *Harrier 7*, your mission is to destroy seven enemy rocket bases, protect your carrier from Exocet missiles, and shoot down hostile planes.

Despite the Harrier name, this is not a flight simulator. The action is much like the arcade game *Defender*. You fly around on a course from your carrier, wait for the indicator to warn you of what's coming up, arm the appropriate weapon, and fire it. Successful play involves quickly reacting to the variety of situations that show up on your panel.



It takes quick reactions to track down and annihilate your enemy in *Harrier 7*.

The animation is smooth with passable graphics. At times it's difficult to distinguish your Harrier from enemy fighters. The controls are easy to use. The manual is brief but adequate.

Overall, *Harrier 7* is an ordinary package among countless other fighter-plane, helicopter, or spaceship arcade games. But if you're into this type of entertainment, *Harrier 7* is all right.

When bargain shopping, you usually get either a good value or a product whose quality reflects its low price. *Mental Blocks* shines as a gem at a reasonable price; *Harrier 7* gives you just what you pay for.

WAYNE N. KAWAMOTO

#### *Harrier 7*

IBM PC and compatibles and Commodore 64/128 (one floppy disk)—\$14.95

#### *Mental Blocks*

IBM PC and compatibles and Commodore 64/128 (one floppy disk)—\$14.95

#### AVANTAGE

Distributed by Accolade  
550 S. Winchester Blvd.  
Suite 200  
San Jose, CA 95128  
(408) 985-1700

## THE NEW TESTAMENT GAME THE OLD TESTAMENT GAME

GUARANTEED NONDENOMINATIONAL

3 Game Levels make learning Fun for all ages!

**EDUCATIONAL FOR KIDS**  
**FUN FOR YOUTH**  
**CHALLENGING FOR ADULTS**

Nearly 300 Bible Passages per game

**COLORFUL!**

**ENRICHING**

For fastest service, send check or money order for **\$29.95 each** plus \$3.00 shipping/handling to:

**The Family Jewels**

5631 Kent Place

Santa Barbara, CA 93117

IBM 3 1/2" disks available for an additional \$2.00 per game.

Latter-day Saints: Please request a copy of our brochure detailing our special LDS product line.

**NOT TRIVIA - NO PRIOR KNOWLEDGE NEEDED**

**Hardware Systems Supported:**

**100% IBM Compatible**

MS-DOS 2.1 or higher  
Color monitor preferred,  
Monochrome monitor also supported

**Commodore 64/128**

C64 or C128 with color TV or monitor  
C128 with 80 column monitor  
1541 or 1571 (5 1/4") disk drive only

**For more information, or to order by phone**

**Call (805) 683-4568 [C. O. D. orders only]**

**California residents, please add 6% sales tax**



# Merry Diskmas from SD of A

Ho! Ho! Ho! Save Dough, Dough, Dough.

We have what you're looking for!

**Broderbund**

There has never been a banner maker like this before! Packed with spectacular features. Destined to be a #1 best seller!



**BANNER MANIA**  
List \$34.95

**SDA**  
Discount Price \$23

<b>ACCESS</b>	Linkword Languages	Call
Mean Streets	Strip Poker Data Disk	Call
<b>ACCOLADE</b>	Strip Poker 2	\$25
Ace of Aces	<b>BETHESDA</b>	
Blue Angels Flight Sim.	Wayne Gretzky Hockey	\$35
Bubble Ghost	<b>BLUE LION</b>	
Don't Go Alone	Ticket to Hollywood	\$25
Frightmare	Ticket to Wash. D.C.	\$25
4th & Inches Football	<b>BRITANNICA/DESIGNWARE</b>	
Grand Prix Circuit	Archipelagos	\$25
Hardball	Designasaurus	\$25
Hardball 2	<b>BRODERBUND</b>	
Harrier 7	Ancient Art of War at Sea	\$29
Heatwave Boat Racing	Ancient Land of Y's	\$32
Jack Nicklaus Golf	Banner Mania	\$23
J.N. Golf Champ Courses	Carmen S.D. - Europe	\$29
Mental Blocks	Carmen S.D. - Time	\$29
Steel Thunder	Carmen S.D. - U.S.A.	\$29
Test Drive 2: The Duel	Carmen S.D. - World	\$25
T.D. 2: Calif. Scenery	Jet Fighter: Adventure	\$32
T.D. 2: Europe Scenery	Licence to Kill	\$29
T.D. 2: Muscle Cars	Murder Club	\$25
T.D. 2: Super Cars	Omini-Play Horse Racing	\$32
The Cycles	Print Shop	\$36
The Third Courier	P.S. Companion	\$32
<b>ACTIVISION</b>	P.S. Graphics #1 or #2	\$21
Apache Strike	Sim City	\$32
Battle Chess	VCR Companion	\$32
Death Track	Wibarm	\$25
F-14 Tomcat	<b>CENTRAL POINT</b>	
Ghost Busters 2	Copy 2	\$25
Grave Yardage	PC Tools Deluxe 5.5	\$79
Last Ninja	<b>CINEMAWARE</b>	
Mech Warrior	Crystal	Call
Music Studio 3.0	Three Stooges	\$32
Neuromancer	TV Sports Football	Call
Rampage	<b>DATA EAST</b>	
The Manhole	Bad Dudes	\$25
Tongue of the Fatman	Batman	\$25
<b>ARTWORX</b>	Guerrilla War	\$25
Bridge 6.0	Heavy Barrel	\$25
Centerfold Squares	Ikan Warriors	\$9.88
Kaleidokubes	Monday Nite Football	\$32

**ACCOLADE**

Fly heart-stopping precision flight patterns with the daredevil blue angel team. 25 actual air show maneuvers & more.



**BLUE ANGELS**  
List \$44.95

**SDA**  
Discount Price \$29

**Speedy Delivery**  
**Deep Discounts**  
**Astronomical Selections**



Send check or money orders to:

P.O. Box 111327-Dept. CP  
Blawnox, PA 15238

Ask your Salesperson what's on sale this month!



**Order Line Hours: Mon.-Thurs. 9:00 AM-9:00 PM, Fri. 9:00 AM-7:00 PM, Sat. 10:00 AM-4:00 PM Eastern Time**

\*Please Read The Following Ordering Terms & Conditions Carefully Before Placing Your Order: Orders with cashiers check or money order shipped immediately in-stock items! Personal & Company checks, allow 3 weeks clearance. No C.O.D.'s! Shipping: Continental U.S.A.-Orders under \$100 add \$3, free shipping on orders over \$100. AK, HI, FPO, APO-add \$5 on all orders. Canada & Puerto Rico add \$7.50 on all orders. Sorry, no other international orders accepted! PA residents add 6% sales tax on the total amount of order including shipping charges. CUSTOMER SERVICE HOURS: Mon.-Fri. 9 AM-5:30 PM Eastern Time. REASONS FOR CALLING CUSTOMER SERVICE—412-361-5291 (1) Status of order or back order (2) if any merchandise purchased within 60 days from SD of A is defective, please call for a return authorization number. We will not process a return without a return auth. #! Defective merchandise will be replaced with the same merchandise only. Other returns subject to a 20% restocking charge! After 60 days from your purchase date, please refer to the warranty included with the product purchased & return directly to the manufacturer. Customer service will not accept collect calls or calls on SD of A's. 800 # order lines! Prices & availability are subject to change! New titles are arriving daily! Please call for more information.

**MODEM OWNERS** You can order on-line from our IBM shop via the CompuServe, Comline and OnLink electronic malls. [www.commodore.ca](http://www.commodore.ca)

Call About Our Special Of The Month for Your IBM Or Compatible!

Platoon	\$9.88	Project Neptune	\$16.88
Robocop	\$25	Purple Saturn Day	\$14.88
Super Hang-On	\$25	Revenge of Defender	\$16.88
<b>DATA SOFT</b>		Snow Strike	\$16.88
Hunt for Red October	\$32	Spring News Baseball	\$17.88
Time & Magik	\$26	Summer Games 2	\$7.88
<b>DAVIDSON</b>		World Games	\$7.88
Algeblaster	\$29	World Karate Champ	\$9.88
Math Blaster Plus	\$29	<b>FREE SPIRIT</b>	
Reading & Me	\$24	Sex Vixens from Space	\$25
Word Attack Plus	\$29	<b>GAMESTAR</b>	
<b>ELECTRONIC ARTS</b>		Face Off Hockey	\$29
Abrams Battle Tank	\$26	Motorcross	\$25
Bard's Tale 2	\$32	Take Down	\$23
Battlehawks 1942	\$32	<b>GAMETEK</b>	
Beyond Black Hole	\$32	Chutes & Ladders	\$9.88
Caveman Ugh-Lympics	\$21	Double Dare	\$9.88
Chessmaster 2100	\$32	Hollywood Squares	\$9.88
Cribbage/Gin King	\$39	Super Password	\$9.88
C. Yeagers AFT 2.0	\$32	<b>HI-TECH</b>	
Deluxe Paint 2	\$65	Fun House	\$8.88
Double Dragon	\$26	Muppet Print Kit	\$9.88
Earl Weaver Baseball	\$26	Remote Control	\$8.88
Empire	\$32	Ses. St. First Writer	\$9.88
F/16 Combat Pilot	\$32	Ses. St. Print Kit	\$9.88
Ferrari Formula One	\$26	Swim Wear	\$6.88

**ELECTRONIC ARTS**

**STOCKING STUFFERS**

Bard's Tale 1 • Demon Stalkers  
Legacy of the Ancients • Modern Wars  
Pinball Construction Set • Skate or Die  
Sky Fox 2 • Super Boulder Dash  
Wasteland • WorldTour Golf • Zany Golf

**ONLY \$9.88 ea**

Fools Errand	\$32	<b>INFOCOM</b>	
Indy Jones: Crusade		Battletech	\$32
Action Game	\$26	Beyond Zork	\$9.88
Indy Jones: Crusade		Hitchhikers Guide	\$9.88
Graphic Adventure	\$32	Journey	\$32
Jordan vs. Bird	\$26	King Arthur	\$25
Keep the Thief	Call	Leather Goddesses	\$9.88
Lakers vs. Celtics	\$32	Mines of Titan	\$29
Madden Football	\$32	Shogun	\$39
Magic Candle	\$32	Zork Trilogy	\$16
Maniac Mansion	\$23	Zork Zero	\$39
Might & Magic 1 or 2	\$32 Ea.	<b>LEARNING COMPANY</b>	
Pipe Dream	\$32	Reader Rabbit	\$25
Puzzle Storybook	\$25	Think Quick	\$32
Scavengers	\$32	Writer Rabbit	\$32
Sentinel Worlds	\$32	<b>MASTERTONIC</b>	
688 Attack Sub	\$32	Monopoly	\$26
Star Fleet 2	\$39	Scrabble	\$26
Starflight	\$32	Scruples	\$26
Zak McKracken	\$29	<b>MELBOURNE HOUSE</b>	
<b>EPYX</b>		Hershey Strike Zone	\$25
Axe of Rage	\$24.88	John Elway's QB	\$19
California Games	\$17.88	Magic Johnson B-Ball	\$25
Death Sword	\$14.88	War in Middle Earth	\$32
Destroyer	\$7.88	<b>MICROPOSE</b>	
Final Assault	\$9.88	Airborne Ranger	\$25
Games: Summer Edit.	\$24.88	F-15 Strike Eagle 2	\$35
Games: Winter Edit.	\$24.88	F-19 Stealth Fighter	\$44
Home Video Producer	\$24.88	Gunship	\$32
Mind-Roll	\$14.88	Mi Tank Platoon	\$44
Print Magic	\$19.88		

**SIERRA**

Larry's back in another sequel to the sexy saga & he's sillier than ever. Outstanding 3D graphics & new role switching feature.

**LEISURE SUIT**

**LARRY 3**  
List \$59.95

**SDA**  
Discount Price \$39



Pirates	\$29	Proving Ground	\$39
Red Storm Rising	\$35	Return of Werdna	\$39
Sword of the Samurai	\$35	<b>SOFTWARE PUBLISHING</b>	
<b>MINDSCAPE</b>		PFS: 1st Ch./Quicken	\$101
Balance of Power 1990	\$32	PFS: 1st Publisher 2.1	\$84
Captain Blood	\$25	Professional File 2.0	\$194
Combat Course	\$23	Professional Write 2.1	\$149
Fiendish Freddy's Bigtop	\$29	<b>SPECTRUM HOLOBYTE</b>	
Gauntlet 1 or 2	\$25 Ea.	Falcon	\$32
Out Run	\$25	Solitaire Royale	\$23
Paperboy	\$25	Tetris	\$23
Shinobi	Call	Vette	\$32
Space Harrier	\$25	<b>SPINNAKER</b>	
Star Trek 5 Final Frontier	Call	Sargon 4-3D Chess	\$25
Super Star Ice Hockey	\$25	<b>SPOTLIGHT</b>	
Super Star Soccer	\$25	Darkside	\$25
<b>ORIGIN</b>		Speedball	\$25
Omega	\$32	Total Eclipse	\$25
Quest For Clues Book 2	\$19	<b>SPRINGBOARD</b>	
Space Rogue	\$32	Certificate Maker	\$24
Times of Lore	\$25	C.M. Library #1	\$19
Ultima 4 or 5	\$39 Ea.	<b>SSI</b>	
Ultima Trilogy	\$39	Curse of Azure Bonds	\$32
<b>POLARWARE</b>		Demons Winter	\$23
Tracoon	\$29	Dragon's of Flame	Call
<b>PSYGNOSIS</b>		Gettysburg	\$39
Baal	\$25	Heroes of the Lance	\$26
Ballistix	\$25	Hillsfar	\$32
<b>SHARE DATA</b>		Pool of Radiance	\$32
Avoid the Noid	\$9.88	Red Lightning	\$39
Concentration 1 or 2	\$9.88	Stellar Crusade	\$32
Family Feud	\$8.88	Sword of Aragon	\$26
Jeopardy	\$8.88	<b>SUBLOGIC</b>	
Jeopardy 2 or JR	\$9.88 Ea.	Hawaii Scenery	\$19
Nightmare on Elm St.	\$23	<b>TAITO</b>	
Sports Jeopardy	\$8.88	Arkanoid	\$9.88
Wheel of Fortune	\$8.88	Arkanoid 2: Revenge	\$23
Wheel of Fortune 2 or 3	\$9.88	Bubble Bobble	\$23
<b>SIERRA</b>		Operation Wolf	\$23
Black Cauldron	\$25	Olix	\$23
Colonel Bequest	\$39	Rambo 3	\$23
Gold Rush	\$25	Rastan	\$23
Hero's Quest	\$39	Renegade	\$23
Hoyle's Book of Games	\$23	Sky Shark	\$23
King's Quest 1,2,3 or 4	\$32 Ea.	<b>MISC. UTILITIES</b>	
Leisure Suit Larry	\$25	Dac Easy Accounting 3.0	\$65
Leisure Suit Larry 2	\$32	Superbase 2-M.S.	
Leisure Suit Larry 3	\$39	Windows	\$173
Manhunter S.F. or N.Y.	\$32 Ea.	Timeworks Publish It!	\$129
Mother Goose	\$19	Timeworks Word Writer	\$32
Police Quest 1 or 2	\$32 Ea.	Tobias: Mgt.-Money	\$139
Space Quest 1 or 2	\$32 Ea.	Word Perfect 5.0	\$235
Space Quest 3	\$39	<b>ACCESSORIES</b>	
3-D Helicopter Sim.	\$14	Analog & Joystick	\$25
Thexder	\$23	Disk Case 5 1/4 or 3 1/2	\$6.88 Ea.
<b>SIR TECH</b>		Drive Cleaner	
Heart of Maelstrom	\$32	5 1/4 or 3 1/2	\$6.88 Ea.
Knight of Diamonds	\$32	Epyx 500KJ Joystick	\$25
Legacy of Lylgamin	\$32	Sony 3 1/2 DSSD	\$16.90 Bx.
		Sony 5 1/4 DSSD	\$6.99 Bx.

**Software Discounters**  
Of   
**America**

Circle Reader Service Number 111



# GET ON THE FAS-TRACK!



Call us for your FREE 1989 Best Sellers Catalog—64 pages of software, hardware and accessories.

**DISCOUNTS UP TO 45% EVERYDAY!**

## Productivity Software



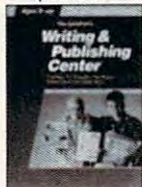
**PFS: First Choice and Quicken Bundle**  
\$99.95

FormTool	\$57.95
FastPak Mail	\$49.95
WordPerfect 5.0	\$239.95
Microsoft Excel	\$249.95
Microsoft Works	\$104.95
FoxBASE+	\$204.95
SideWays	\$43.95
Quicken	\$39.95

## Desktop Publishing & Graphics



**The New Print Shop**  
\$35.95



**The Childrens' Writing and Publishing Center**  
\$44.95

## Mars-128 400 DPI Hand Scanner



New 5 inch, 400 DPI Hand Scanner! Includes Halo DTP Software.  
**\$179.95**

## Utility Software



**PC Tools Deluxe 5.5**  
\$79.95

Copy II PC	\$21.95
SpinRite 2.0	\$65.95

## Entertainment



**The Duel—Test Drive II**  
\$27.50

Lakers vs. Celtics	\$33.95
David Wolf Secret Agent	\$30.95
Life and Death	\$33.95
Curse of the Azurebonds	\$33.95
Madden Football	\$33.95
M1 Tank Platoon	\$44.95
F16 Combat Pilot	\$33.95
Battle Chess	\$29.95
Populous	\$33.95
A10 Tank Killer	\$30.95
Mean Streets	\$30.95

## Education



**Where In Time is Carmen Sandiego**  
\$28.95

Where in the World is C. Sandiego	\$25.95
Where in the USA is C. Sandiego	\$28.95
Crossword Magic	\$30.95
Math Blaster or Word Attack Plus	\$29.95
Math Blaster Mystery	\$29.95
Oregon Trail	\$26.95
Math Rabbit or Reader Rabbit	\$26.95
Mavis Beacon Typing	\$33.95



7030C Huntley Road • Columbus, Ohio 43229

ALWAYS CALL **1-800-272-1600**

TOLL-FREE

**1-800-438-1168** (Ohio)

**1-614-847-4050** (Central Ohio)



U.S., F.P.O., and A.P.O., add 3% (minimum \$4.00) for each shipment. No C.O.D. In Ohio, add 5.5% Sales Tax. MasterCard, VISA, and American Express—No extra charge. We accept purchase orders from schools, universities and other qualified organizations.

FROM HOME TO SCHOOL AND BACK AGAIN, FAS-TRACK DELIVERS!

# New! SPEECH THING®

For all PCs, compatibles, laptops

**\$69.95**



**CLEAR, CLEAN, DIGITIZED SPEECH AND MUSIC, UNLIMITED TEXT-TO-SPEECH!**

*Attaches outside the computer.*

Speech Thing is a full-featured 8 bit D/A sound converter that attaches in-line with the parallel printer port. Does not interfere with normal printer operation. Demo programs give your PC many useful applications. Incorporate the prerecorded digitized words in user written BASIC programs. Editor allows for special effects, new words, and music. BONUS: Unlimited text-to-speech with SmoothTalker (TM) from First Byte. Use for proofreading scripts, electronic mail and message distribution, educational software, product tutorials/demonstrations, more.

Speech Thing is the most advanced, lowest cost, hardware/software speech system you will ever need. Comes complete with audio amplifier speaker with headphone jack, software, and manual. Only \$69.95. 30-day satisfaction guarantee. One year warranty. (Add \$5 shipping and handling for USA, \$8 Canada, \$12 overseas). Visa, MasterCard phone orders accepted.

Call or write today for FREE Catalog on Speech Thing and other speech recording/voice recognition products



**COVOX INC.** (503) 342-1271

675 Conger St., Eugene, Oregon 97402

FAX (503) 342-1283

Circle Reader Service Number 144

# CHEF'S ACCOUNTANT

STRETCH YOUR FOOD DOLLARS WITH

The most powerful home food management software available!

Chef's Accountant turns your PC into a complete home food manager. You can plan more nutritious meals and save money by gaining control of your food dollars.

## VERSION 1.3 FEATURES:

### Recipe Manager

- Use our recipes or add your own.
- Locate recipes by name, ingredient, even nutritional content.
- Print recipes on standard sheets or 4x7 index cards.
- Import/Export recipes. (Converts recipes from other formats)
- Resize recipes.

### Grocery Manager

- Maintain complete grocery inventory.
- Monitor shopping history and costs.
- Organize your discount coupons.
- Print inventory and shopping lists.
- Historical cost reporting.

### Communications

- Send/Receive recipes over telephone.
- Automatic dial and log-on features.

### Chef's Handbook

- Helpful tips on cooking, nutrition, exercise, and meal planning.
- Personal Text Editor.

### Additional Features

- Full-Color Menu's with Light Bar Selection
- Online Context Sensitive help.
- Pop-Up Calculator
- Full Featured Text Editor
- DOS Window
- User Definable Drive/Directory Setup.

SYSTEM REQUIREMENTS: IBM PS/2, PC, XT, AT, or 100% compatible. 512K RAM 2-Floppy Drive or Hard Drive and 1 Floppy Drive, MS-DOS 2.0 or higher

Add \$5 S/H. 30-day money back guarantee. MC/VISA/CK/M.O. Texas residents add 7% sales tax. to order, call or write to:

**\$59.95**  
only

ONLINE SEARCH

P.O. Box 300247

Arlington, Texas 76010

(817) 468-8465



**COMPUTER DISCOUNTS ON ALL YOUR COMPUTER NEEDS**

# MIBRO CO.

EST. SINCE 1950

64 WEST 36th STREET, NEW YORK CITY, N.Y. 10018

ORDERS ONLY **1-800-451-9780** N.Y. RESIDENTS (212) 695-7133



**commodore**

**COMMODORE 64 25 PC. DELUXE OUTFIT**

OUTFIT INCLUDES: Commodore 64 Keyboard • 1541 Disc Drive • Commodore Printer • 12" Monochrome Monitor • 10 Diskettes

**\$298**



**commodore**

**COMMODORE 64 25 PC. PROFESSIONAL OUTFIT**

OUTFIT INCLUDES: Commodore 64 Keyboard • 1541 Disc Drive • Commodore Printer • 13" Color Monitor • 10 Diskettes

**\$398**



**LEADING EDGE**

**MODEL D 25 PC. PACKAGE IBM XT COMPATIBLE®**

PACKAGE INCLUDES: Model D CPU & Keyboard • 12" Computer Monitor • 10 Diskettes • Word Processor • Spread Sheet • Data Base

**\$548**

SAME PACKAGE AVAILABLE WITH:  
 20 MEGABYTE HARD DRIVE ..... \$798  
 30 MEGABYTE HARD DRIVE ..... \$848  
 40 MEGABYTE HARD DRIVE ..... \$898



**MODEL D2 25 PC. PACKAGE IBM AT COMPATIBLE®**

PACKAGE INCLUDES: Model D2 CPU & Keyboard • 12" Computer Monitor • 10 Diskettes • Word Processor • Spread Sheet • Data Base

**\$898**

SAME PACKAGE AVAILABLE WITH:  
 20 MEGABYTE HARD DRIVE ..... \$1098  
 30 MEGABYTE HARD DRIVE ..... \$1148  
 40 MEGABYTE HARD DRIVE ..... \$1198



**AMIGA**

**AMIGA 500 25 PIECE PROFESSIONAL OUTFIT**

OUTFIT INCLUDES: Amiga 500 • 12" RGB Color Monitor • Printer for Amiga • 10 Diskettes

**\$848**



**AMIGA**

**AMIGA 2000**

ALSO AVAILABLE: AMIGA 1084 MONITOR • 3.5" INTERNAL DRIVE • BRIDGE CARD HARD DRIVE CONTROLLER • 2 MB RAM EXPANDER • PACKAGE DEALS AVAILABLE!

**AMIGA 2000 HD / AMIGA 2500 NOW IN STOCK!!**



**EPSON**

**EQUITY II + 25 PC. PACKAGE IBM AT COMPATIBLE®**

PACKAGE INCLUDES: Equity II + CPU & Keyboard • 12" Computer Monitor • 10 Diskettes • Word Processor • Spread Sheet • Data Base

**\$998**

SAME PACKAGE AVAILABLE WITH:  
 20 MEGABYTE HARD DRIVE ..... \$1198  
 30 MEGABYTE HARD DRIVE ..... \$1248  
 40 MEGABYTE HARD DRIVE ..... \$1298



**EPSON**

**EQUITY III + 25 PC. PACKAGE IBM AT COMPATIBLE®**

PACKAGE INCLUDES: Equity III + CPU & Keyboard • 12" Computer Monitor • 10 Diskettes • Word Processor • Spread Sheet • Data Base

**\$1198**

SAME PACKAGE AVAILABLE WITH:  
 20 MEGABYTE HARD DRIVE ..... \$1398  
 30 MEGABYTE HARD DRIVE ..... \$1448  
 40 MEGABYTE HARD DRIVE ..... \$1498



**VENDEX®**

**VENDEX HEADSTART II**

FEATURES INCLUDE: 640K Ram • 4.77/10 Megahertz • 5 1/4" 360K Floppy Drive • 3 1/2" 720K Floppy Drive

**CALL FOR NEW LOW PRICE AVAILABLE WITH: 20/30/40MB HARD DRIVE**



**VENDEX**

**VENDEX HEADSTART III**

FEATURES INCLUDE: 286 Processor • 8/12 Megahertz • 5 1/4" Floppy Drive • 3 1/2" Floppy Drive • 30 MB Hard Drive • VGA System • SOFTWARE BUNDLE

**CALL FOR NEW LOW PRICE**



**NEC**

**POWERMATE I 25 PC. PACKAGE IBM AT COMPATIBLE®**

PACKAGE INCLUDES: Powermate I CPU & Keyboard • 12" Computer Monitor • 10 Diskettes • Word Processor • Spread Sheet • Data Base

**\$998**

SAME PACKAGE AVAILABLE WITH:  
 20 MEGABYTE HARD DRIVE ..... \$1198  
 30 MEGABYTE HARD DRIVE ..... \$1248  
 40 MEGABYTE HARD DRIVE ..... \$1298



**NEC**

**POWERMATE 2 25 PC. PACKAGE IBM AT COMPATIBLE®**

PACKAGE INCLUDES: Powermate 2 CPU & Keyboard • 12" Computer Monitor • 10 Diskettes • Word Processor • Spread Sheet • Data Base

**\$1198**

SAME PACKAGE AVAILABLE WITH:  
 20 MEGABYTE HARD DRIVE ..... \$1398  
 30 MEGABYTE HARD DRIVE ..... \$1448  
 40 MEGABYTE HARD DRIVE ..... \$1498



**commodore**

**COMMODORE COLT IBM XT COMPATIBLE®**

FEATURES INCLUDE: 640K Ram • Dual Drive • 4.77/8 Megahertz

**COMMODORE PC-10111 IBM XT COMPATIBLE®**

FEATURES INCLUDE: 640K Ram • 4.77/8/10 Megahertz • 101 Keyboard

**CALL FOR NEW LOW PRICES**




**commodore**

**COMMODORE PC-40 IBM AT COMPATIBLE®**

FEATURES INCLUDE: • 286 Processor • 12 Megahertz • 1 MB Memory • 40 MB Hard Drive • VGA Graphics

**CALL FOR NEW LOW PRICE PACKAGE DEALS AVAILABLE**




**IBM**

**ORIGINAL IBM IBM XT 25 PC. PACKAGE**

PACKAGE INCLUDES: IBM XT CPU & Keyboard • 12" Computer Monitor • 10 Diskettes • Word Processor • Spread Sheet • Data Base

**\$748**

SAME PACKAGE AVAILABLE WITH:  
 20 MEGABYTE HARD DRIVE ..... \$998  
 30 MEGABYTE HARD DRIVE ..... \$1048  
 40 MEGABYTE HARD DRIVE ..... \$1098



**IBM**

**ORIGINAL IBM IBM AT 25 PC. PACKAGE**

PACKAGE INCLUDES: IBM AT CPU & Keyboard • 12" Computer Monitor • 10 Diskettes • Word Processor • Spread Sheet • Data Base

**\$1198**

SAME PACKAGE AVAILABLE WITH:  
 20 MEGABYTE HARD DRIVE ..... \$1398  
 30 MEGABYTE HARD DRIVE ..... \$1448  
 40 MEGABYTE HARD DRIVE ..... \$1498



**EPSON**

**EQUITY I + 25 PC. PACKAGE IBM XT COMPATIBLE®**

PACKAGE INCLUDES: Equity I + CPU & Keyboard • 12" Computer Monitor • 10 Diskettes • Word Processor • Spread Sheet • Data Base

**\$548**

SAME PACKAGE AVAILABLE WITH:  
 20 MEGABYTE HARD DRIVE ..... \$798  
 30 MEGABYTE HARD DRIVE ..... \$848  
 40 MEGABYTE HARD DRIVE ..... \$898




**EPSON**

**EQUITY IE 25 PC. PACKAGE IBM XT COMPATIBLE®**

PACKAGE INCLUDES: Equity IE CPU & Keyboard • 12" Computer Monitor • 10 Diskettes • Word Processor • Spread Sheet • Data Base

**\$598**

SAME PACKAGE AVAILABLE WITH:  
 20 MEGABYTE HARD DRIVE ..... \$848  
 30 MEGABYTE HARD DRIVE ..... \$898  
 40 MEGABYTE HARD DRIVE ..... \$948



**SAMSUNG**

**SAMSUNG S-3000 25 PC. PACKAGE IBM XT COMPATIBLE®**

PACKAGE INCLUDES: S-3000 CPU & Keyboard • 12" Computer Monitor • 10 Diskettes • Word Processor • Spread Sheet • Data Base

**\$898**

SAME PACKAGE AVAILABLE WITH:  
 20 MEGABYTE HARD DRIVE ..... \$1198  
 30 MEGABYTE HARD DRIVE ..... \$1298  
 40 MEGABYTE HARD DRIVE ..... \$1398



**SAMSUNG**

**SAMSUNG S-286 25 PC. PACKAGE IBM AT COMPATIBLE®**

PACKAGE INCLUDES: S-286 CPU & Keyboard • 12" Computer Monitor • 10 Diskettes • Word Processor • Spread Sheet • Data Base

**\$1498**

SAME PACKAGE AVAILABLE WITH:  
 20 MEGABYTE HARD DRIVE ..... \$1798  
 30 MEGABYTE HARD DRIVE ..... \$1898  
 40 MEGABYTE HARD DRIVE ..... \$1998



**PANASONIC PRINTERS**

- KXP-1180i
- KXP-1124
- KXP-1191i
- KXP-1524
- KXP-1002i
- KXP-1592

**FULL LINE OF PANASONIC PRINTERS GREATLY DISCOUNTED**



**EPSON PRINTERS**

- LX-810
- LQ-510
- FX-1050
- LQ-850
- LQ-950
- LQ-1050

**FULL LINE OF EPSON PRINTERS GREATLY DISCOUNTED**



**LASER PRINTERS**

- HEWLETT PACKARD HP Laser Series II
- HEWLETT PACKARD Desk Jet
- PANASONIC KXP-4450 Laser
- STAR Laser Printer 8

**FULL LINE OF LASER PRINTERS GREATLY DISCOUNTED**



**LAPTOP COMPUTERS**

- Toshiba 1000
- Toshiba 1200
- Toshiba 1600
- NEC Multispeed
- NEC Ultra Lite
- Zenith Supersport
- Toshiba 3200

**commodore**

**HARDWARE SOFTWARE**

- 64-C COMPUTER
- 1280 COMPUTER
- 1541 DISC DRIVE
- 1581 DISC DRIVE
- 1700 EXPANDER
- 1660 MODEM
- 1670 MODEM
- 1084 MONITOR
- 1084-S MONITOR

**SOFTWARE FOR IBM**

- WordPerfect
- LOTUS 1-2-3
- QUATTRO
- WordStar
- Ventura
- BUSINESS WORKS PC
- Q & A
- DAC Easy
- WINDOWS
- D BASE III

**CALL TOLL FREE 1-800-451-9780**  
 NEW YORK STATE RESIDENTS CALL (212) 695-7133  
 CUSTOMER SERVICE CALL (212) 967-2353 FAX (212) 695-0982  
 MON. - SAT. 9:30 AM - 7:00 PM SUNDAYS 10:00 AM - 6:00 PM  
 ALL SYSTEMS AVAILABLE WITH: 20/30/40/60/80 HARD DRIVES  
 • ALL SYSTEMS SUPPORT MGA/CGA/VGA/MULTISCAN



Use M.C. Visa. AMEX or send money order, certified checks. All merchandise brand new factory fresh. Shipping charges non-refundable. Minimum shipping and handling \$9.99, maximum \$59.00. Shipping costs reflect individual packaging. Air shipping additional. For mail orders please call before sending in mail order. All prices subject to manufacturers increase/decrease. Refunds within 7 days only with original packaging & unopened guarantee card. No refunds accepted without prior verbal authorization. Customer service between 12 pm - 6 pm. Pictures are for illustration purposes only. Not responsible for typographical errors. Consumer Affairs License No. 800-253. Circle Reader Service Number 122



# DEMO DISK DIRECTORY

Based on the overwhelming response to COMPUTE!'s 1st Demo Disk Pack offered last year, we've decided to make economical software demo disks available to you on an ongoing basis. Every month you will now be able to choose from some of the newest Demo Disks available for many of the "hottest" software releases being offered by some of the leading software publishers. These disks have been designed to give you a representative picture of what each title has to offer and to try and let you experience directly the graphics look and general feel of each software product—before you

buy the actual complete program! From time to time, you may also find some special offers from some of the software publishers for FREE merchandise, premiums, or other related promotions.

Please use the convenient postage-paid envelope for ordering.

We hope you enjoy this easy and economical way to discover the best software for you to buy this Fall and Holiday season!

## THE COLONEL'S BEQUEST

Why has the reclusive Colonel Dijon called his rivalous relations together? It's a mysterious re-union at his secluded mansion, deep in the bayous of Southern Louisiana!

Available in 3.5" and 5.25"



## Free Poster Offer



Get an authentic *Indiana Jones and the Last Crusade* movie poster free with the purchase of either game. See your participating retailer for details.



™ and © 1989 Lucasfilm Games Ltd. All rights reserved.

WIDE OPEN. FULL TILT.



IT'S PURE PRO CYCLE ACTION.

Zip up your leathers and rev up that engine. It's full tilt, two-wheel boogie time. From #1 in the arcades to #1 at home.

THE ULTIMATE WEAPON...



WILL BLOW YOU AWAY!

It blew you away in the arcades. Now Data East brings this arsenal of action home.



DATA EAST USA, INC.  
1850 LITTLE ORCHARD ST.  
SAN JOSE, CA 95125

© 1989 DATA EAST USA, INC. † TM & © 1987 SEGA ENTERPRISES INC. MFD. UNDER LICENSE BY DATA EAST USA, INC.

An ancient land is in turmoil since the king and his young child disappeared 20 years ago, leaving various warlords to battle for control.



Preview the outstanding graphics, the rich detail and the easy-to-use menu and icon interface. See the blend of continuous action, absorbing storytelling and intricate conversations. One of *Compute!'s* "9 Best Games of 1989" (July 1989 issue)  
From ORIGIN. (IBM-PC 3 1/2" & 5 1/4", Apple, 64/128)



P.O. Box 161750 • Austin, Texas

## OFFICIAL Advanced Dungeons & Dragons® COMPUTER PRODUCT CURSE OF THE AZURE BONDS

The exciting sequel to *Pool of Radiance*, the first AD&D® computer fantasy role-playing game.

SPECIAL OFFER!

If you purchase the special *Compute!* Curse of the Azure Bonds demo disk(s) and the Curse of the Azure Bonds game, send us your game purchase receipt and we'll send you a free full color limited edition AD&D "Real Stuff" computer products poster. Send your receipt to:

Free Poster Offer  
c/o Strategic Simulations, Inc.  
675 Almanor Avenue  
Sunnyvale, CA 94086

Offer good while posters last.

## Fatmania is Here!

TONGUE OF THE FATMAN



Get your interactive demo today!

ACTIVISION



**MICROPROSE**  
SIMULATION • SOFTWARE

Just for fun!

**Demo Disk Offer**

- |                    |                          |                          |                          |                          |     |
|--------------------|--------------------------|--------------------------|--------------------------|--------------------------|-----|
| Airborne Ranger    | <input type="checkbox"/> | <input type="checkbox"/> | IBM 3.5                  | IBM 5.25                 | CG4 |
| Dr. Doom's Revenge | <input type="checkbox"/> | <input type="checkbox"/> |                          |                          |     |
| F-19               | <input type="checkbox"/> | <input type="checkbox"/> |                          |                          |     |
| Gunship            | <input type="checkbox"/> | <input type="checkbox"/> |                          |                          |     |
| Pirates!           | <input type="checkbox"/> | <input type="checkbox"/> |                          |                          |     |
| Red Storm Rising   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |     |

**MEDALIST INTERNATIONAL**

**ARCHIPELAGOS**



"...the concept alone is worth the five star rating." INFO

"Graphically, this game is stunning, perhaps even shocking." - Computer Gaming World

Archipelagos is the universally acclaimed Alien World Simulator. Come visit Earth, now haunted by strange life forms and lost souls.

Order the Demo, and enter our contest for a free trip to a different archipelago - Hawaii.

**Electronic Arts Presents**

- F-16 COMBAT PILOT™**  
Squadron strategy and modem play!
- KEEP THE THIEF™**  
Thieves have more fun...  
2 disk demo!
- CHUCK YEAGER'S ADVANCED FLIGHT TRAINER 2.0™**  
New terrain, formation flying, more!
- ABRAMS BATTLE TANK™**  
Tough, realistic combat action!



**Discover the DeskMate® Difference!**

New DeskMate 3 makes your PC compatible easier to use! Graphically lists all your programs and lets you access them with just a point and a click. Translates MS-DOS commands into plain English. Features word processing, spreadsheet, filing, scheduling, drawing, PC-Link® online information service and more—all in one \$99 program! Send in for a demo disk, or come in for a personal demonstration and get 15% off any software with the DeskMate Interface—the friendly face in the PC crowd!

**Radio Shack®**  
The Technology Store™  
A DIVISION OF TANDY CORPORATION

**How to Order Your Demo Disks**

**Demo Disk Order List**

**ACTIVISION**

- A1 Tongue of the Fatman MS-DOS 5¼
- A2 Tongue of the Fatman MS-DOS 3½

**BRITANNICA SOFTWARE**

- B1 Archipelagos MS-DOS 5¼
- B2 Archipelagos MS-DOS 3½
- B3 Designasaurus MS-DOS 5¼
- B4 Designasaurus MS-DOS 3½
- B5 Jigsaw! (MCGA/EGA only) MS-DOS 5¼
- B6 Jigsaw! (MCGA/EGA only) MS-DOS 3½

**DATA EAST**

- D1 Heavy Barrel MS-DOS 5¼
- D2 Heavy Barrel MS-DOS 3½
- D3 Super Hang-On MS-DOS 5¼
- D4 Super Hang-On MS-DOS 3½

**ELECTRONIC ARTS**

- E1 Abrams Battle Tank MS-DOS 5¼
- E2 Abrams Battle Tank MS-DOS 3½
- E3 Chuck Yeager 2.0 MS-DOS 5¼
- E4 Chuck Yeager 2.0 MS-DOS 3½
- E5 F-16 Combat Pilot MS-DOS 5¼
- E6 F-16 Combat Pilot MS-DOS 3½
- E7 Keep the Thief MS-DOS 5¼ (2 disks)
- E8 Keep the Thief MS-DOS 3½

**LUCAS FILM**

- L1 Indy—The Graphic Adventure MS-DOS 5¼

**MICROPROSE**

- M1 Airborne Ranger MS-DOS 5¼
- M2 Airborne Ranger MS-DOS 3½

- M3 Airborne Ranger Commodore 64 (No longer available)
- M4 Dr. Doom's Revenge MS-DOS 5¼
- M5 Dr. Doom's Revenge MS-DOS 3½
- M6 F-19 MS-DOS 5¼
- M7 F-19 MS-DOS 3½
- M8 Gunship MS-DOS 5¼
- M9 Gunship MS-DOS 3½
- M10 Gunship Commodore 64 (No longer available)
- M11 Pirates! MS-DOS 5¼
- M12 Pirates! MS-DOS 3½
- M13 Pirates! Commodore 64 (No longer available)
- M14 Red Storm Rising MS-DOS 5¼
- M15 Red Storm Rising MS-DOS 3½
- M16 Red Storm Rising Commodore 64

**ORIGIN**

- O1 Times of Lore MS-DOS 5¼
- O2 Times of Lore Apple 5¼
- O3 Times of Lore Commodore 64/128
- O4 Times of Lore MS-DOS 3½

**RADIO SHACK**

- R1 DeskMate MS-DOS 5¼ CGA
- R2 DeskMate MS-DOS 5¼ EGA, VGA
- R3 DeskMate MS-DOS 3½

**SIERRA ON-LINE**

- S1 Colonel's Bequest MS-DOS 5¼
- S2 Colonel's Bequest MS-DOS 3½

**STRATEGIC SIMULATIONS**

- S3 Curse of the Azure Bonds MS-DOS 5¼ (2 disks)
- S4 Curse of the Azure Bonds MS-DOS 3½

Select the demo disks you wish to receive and check them off on the attached order list. Be sure to order the correct disk format. Enclose \$3.95 (\$4.95 for 3½-inch disks) for each disk ordered and return your payment in this postage-paid envelope.

- 5-Disk Discount: Take \$3.00 off for every 5 disks you order.
- MasterCard or VISA accepted for orders over \$20.00.
- We'll pay the postage and handling.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Disks ordered \_\_\_\_\_ Amount \_\_\_\_\_

Subtotal \_\_\_\_\_

Sales Tax\* \_\_\_\_\_

Delivery Outside U.S. or Canada \_\_\_\_\_

Total \_\_\_\_\_

MasterCard or VISA accepted for orders over \$20.00.

Credit Card #: \_\_\_\_\_

Expiration Date: \_\_\_\_\_ Signature: \_\_\_\_\_

Send your order to: Demo Disks  
P.O. Box 5188  
Greensboro, NC 27403

\*Residents of New York, Pennsylvania, and North Carolina add appropriate sales tax for your state. All orders must be paid in U.S. funds drawn on a U.S. bank. MasterCard or VISA accepted for orders over \$20.00. Please allow 4-6 weeks for delivery. For delivery outside the U.S. or Canada, add \$1.00 for surface mail or \$3.00 for airmail. Offer expires January 31, 1990.

**BUY 5 DISKS SAVE \$3**

**SPECIAL NOTE**

The following Demo Disks have special requirements: A1 and A2 require 512K and CGA; B1, B2, B5, and B6 require DOS 3.3 and CGA; B3 and B4 require 256K, CGA, and DOS 3.3; E1, E2, E7, and E8 require EGA and 512K; L1 requires 512K; R1, R2, and R3 require 512K; S1 requires a high-density drive; S3 requires 512K (640 for Tandy 16-color) and two disk drives or a hard drive; and S4 requires 512K (640 for Tandy 16-color). E7 and S3 are two-disk packages. M3, M10, and M13 are no longer available.



# Why Buy Gemini Shareware?

- Largest Selection
- Latest Programs
- Fastest Delivery
- Lowest Prices
- No Minimum Order
- Toll-Free Ordering
- No M/C Visa fee
- 5 1/4" or 3 1/2" Format



So easy to use. Type **GEMINI** to get started on any of our disks!

## BUSINESS & ACCOUNTING

GL, Forms, Flow Charts, Investments...

PC-GENERAL LEDGER	BU 101	Double-entry accounting. If you're looking for an accounting program, you should try this one.
MR BILL	BU 102	(2 disks) Ideal for general billing, invoices, Reports, audit trail
FORM LETTERS	BU 103	Standard business letters, may be modified - one to suit most common situations
EZ-FORMS LITE	BU 104	Generate business forms you need on your own computer. Flexible and cost-effective.
PC-PAYROLL	BU 106	(2 disks) 1989 Edition! Complete menu-driven system with reporting package
PC-ACCOUNTING SYSTEM	BU 107	(2 disks) Complete general purpose business accounting package
CPA LEDGER	BU 108	(3 disks) Serious professional GL system with exhaustive documentation.
EMPLOYEE MANAGEMENT SYSTEM	BU 109	Accurate personality analysis designed to help you reduce employee turnover
LASER SOFTPOINTS II	BU 111	(2 disks) Add these superb fonts to your collection!
POS INVENTORY	BU 117	Maintain inventory effectively at point-of-sale
ACS IN-CONTROL 12 PACK	BU 118	(2 disks) The ULTIMATE in prospect/client/customer tracking - in use worldwide!
MEDLIN ACCOUNTING SHAREWARE	BU 123	Super 4 packages for the smallest business - GL, Accts-Rec, 1989 Payroll, Accts-pay - GOOD!
EZ-FORMS-EXECUTIVE SHARING	BU 125	The ULTIMATE forms generator - save a fortune on printing costs
THE OFFICE PRO	BU 131	A decision support system for assigning tasks equitably amongst groups of workers, allowing maximum choice freedom
PC YELLOW PAGES	BU 133	(5 disks) Excellent order entry package with windows and custom invoices, reports, labels, desktop - GOOD
PAINTLESS ACCOUNTING 3.1 BILLING MANAGER 1	BU 140	(2 disks) Another excellent GL, AR, AP complete with billing and inventory
BILLPOWER	BU 141	(2 disks) A powerful, well-written time & billing program for professionals (architects, attorneys, CPA's, engineers, consultants, etc.) Menu driven - bill by hour, item or flat rate
TICKLEX	BU 142	This is a nice employee tracker for a small or large business. Keep track of your employees money and overtime with this nice financial manager
UPS MASTER	BU 143	A powerful to-do/reminder scheduler for home/office and hard disk
SMARTCALC 2.0	BU 144	If you ship by UPS then you need this complete shipping program - indispensable
PCBILLING	BU 145	Comprises 29 menu-driven financial calculations
JOB COST 1.08	BU 146	Time your phone calls while you're on the line and save money
ELECTRCS	BU 147	We put this in the business section because it's a completely computerized desktop calculator, complete with paper tape output.
BILLER 1.3	BU 148	An easy to use billing program for small business applications, comes with accounts receivable functions also
DENTAL OFFICE MANAGER	BU 149	Job costing all the best, should be the favorite for everyone whose profits depend upon staying within budget
PC-TICKLE	BU 150	An electrical calculation program for electricians, engineers, architects, and lighting system designers
EXPRESS CHECK 3.07	BU 151	Another good billing program; direct amounts or hourly rates, blank paper or forms, 1000 clients per file, HD or floppy, export data for mailmerge
OWL PORTFOLIO MANAGER 2.0	BU 152	Software for dentists and busy practices!
PAYROLL USA 2.11	BU 153	More really useful software!
*SBS GENERAL LEDGER 1.5	BU 154	Excellent checkbook management software from Expressware
*GENERAL LEDGER LITE 1.3e	BU 155	Investment analyzer and manager - maintains important personal financial records for taxes, loan applications, etc.
*ACCTS REC LITE 1.3f	BU 156	(2 disks) Another great payroll program from Antisthe Systems -
*ACCTS REC LITE 1.3f	BU 157	A good double entry GL package for the small business owner! Examine this one before you take the plunge!
*PAYROLL LITE 1.3f	BU 158	Very professional, but user-friendly accounting package. Menu-driven, mouse-compatible double entry system
*APPTRAK	BU 159	(2 DISKS) Manage your cash flow! Pay invoices using up to seven payment selection methods. Report on accounts payable, non-posted payments, etc. An easy way to track and understand your receivables! Generates customer accounts list, invoices, labels, etc.
*FRIDAY 1.03	BU 160	(2 DISKS) A complete payroll package for the small business.
*XTAB 2.0	BU 161	Store and retrieve information on job applicants.
*SURVWARE	BU 162	The "Executive Information System." Friday keeps track of important meetings, phone numbers, key contacts, etc. (HD req'd)
*FREIGHT+	BU 163	A complete business statistics utility for dBase III compatible files. Features hot-key pop-up menus and online documentation.
	BU 164	Input questionnaire data, analyze results, and format reports from the data!
	BU 165	(2 disks) If you ship more than 10 packages a day, you need this program
	BU 166	Includes context-sensitive help screens

## SPREADSHEET & UTILITIES

Templates, Macros, Utilities...

PC-CALC+	SP 101	(3 disks) Superb 123 clone - interacts with PC-FILE+
LOTUS MACROS	SP 102	Simple to use but powerful system - ideal for beginners - one of the best
LOTUS TEMPLATES	SP 104	Save tedious work with these short-cuts for use with 1-2-3
INSTACALC	SP 106	If you use Lotus, you'll love these ready-made applications!
PIVOTI	SP 107	This one is special - a fully-covered spreadsheet MEMORY RESIDENT (TSR)
QUBECALC	SP 108	Sideways print routine for SP 103
123 POWER WORKSHEETS	SP 109	This powerful 3-dimensional spreadsheet lets you view data in a new light
MIPSCALC PLUS	SP 110	(2 disks) More powerful worksheets - these 2 disks are worth having if you use Lotus!
WHITLING WORKSHEETS	SP 111	(3 disks) A wonderful spreadsheet running under the GEM environment - reads, writes Lotus files - needs GEM
LOTUS GOLF LEAGUE SCORING	SP 112	(2 disks) Excellent budgeting tools for Lotus 123
EXPRESSCALC 4.07	SP 113	Worksheet for Lotus for golfers
*LOTUS LEARNING SYSTEM	SP 114	Superb spreadsheet from Expressware - interacts with their ExpressGraph and File Express programs - recommended
*BEGINNING 1-2-3 TUTORIAL	SP 115	(2 disks) A good, basic tutorial for anyone trying to learn how to use Lotus 1-2-3. The registered version includes a 130 page workbook, but the tutorial works on a stand alone basis. (1-2-3 req'd)
*ADVANCED 1-2-3 TUTORIAL	SP 116	Worksheets and tutorial to take the novice 1-2-3'er through the basics. A good place to start if you have just gotten the program. (1-2-3 req'd)
	SP 117	More worksheets and tutorial, but this one is designed for someone who has worked through the basics and wants to learn some of the more advanced features. (1-2-3 req'd)

**Entrepreneurs! Call (206) 746-7671 for details of our dealer/distributor operations.**

## WORD PROCESSING

Style, Speller, Macros, Thesaurus...

PC-WRITE	WO 101	(3 disks) Latest version 3.02 of this powerful package w/mail-merge and spell checking!
GALAXY 2.43	WO 106	Easy to use WP with menus and quick keyboard commands. Fully featured and now latest version!
BRADFORD 2.04	WO 107	Letter quality output from dot-matrix in over 35 fonts - recommended
WORDPERFECT MACROS	WO 108	Over 80 macros for WordPerfect v.5.0
EZ-WRITE 2.3	WO 110	Recommended VALUEWARE tm - these people are VERY professional and this package is ideal for a first, highly functional word processor. Includes pull-down menus
THE SAUR V3.5	WO 111	Shareware's 1st thesaurus! - very useful for a variety of applications
WORDPERFECT 5.0 TOOLKIT	WO 114	ASCII to WPS format converter plus lots of other useful utilities
PRO-SCRIBE	WO 115	Improve the impact of your writing with this new program
WRITER'S HEAVEN 4.0	WO 116	For PC-Write versions 2.6 and up. Adds a complete new set of ingenious command keys.
PC-WRITE MACROS 1.2	WO 117	A set of 100 macros for this popular word processor - Requires PC-Write 3.0 or later (see WO 101)
WORDPERFECT 5.0 POPUP	WO 118	Push-down menus for both 4.2 and 5.0
SP/IT/APPEND 1.0	WO 119	This excellent utility will split any file into multiple files, and will append any file to any other file - really useful!
WORD PROCESSING FOR KIDS	WO 120	A WP program with all the basic features designed just for kids! LARGE letters and easy to follow menus.
*NEWSLETTER KIT 1.01	WO 122	If you use Ventura Publisher 2.0, the Newsletter Kit belongs in your program library
*PC-INDEX 1.1	WO 123	This handy program will save you hours of work! Import any text file, and PC-Index will create an index for you!
*IMAGEPRINT	WO 124	Great letter quality from that old Epson! Comes with good fonts!
	WO 125	

**Readability Guaranteed!**

## EDUCATIONAL

History, Geography, Languages...

AMY'S FIRST PRIMER	ED 101	Latest version 1.7! A collection of routines for pre-schoolers with alphabet, counting, shapes and color
PC-TOUCH FLAGS	ED 107	Super typing tutor with on-screen performance data!
PHYSICS	ED 110	115 in all, displayed on screen for recognition and learning
SPANISH	ED 111	High school level - excellent
ALGEBRA	ED 112	(2 disks) Quality language tutor, beginner to advanced
TEEN ED 1	ED 113	Both intriguing and real computers - 1st class!
HIGH SCHOOL VOCABULARY	ED 124	Higher Math, Trigonometry, Geometry, Biology, Circuitry, Pl.
WISDOM OF THE AGES	ED 125	Multiple-choice quizzes with re-testing and clear definitions.
FRENCH I	ED 126	(4 disks) A major work! Worldwide classical data - quotes, thoughts, proverbs, idioms
FRENCH II	ED 130	French for beginners - great!
GERMAN I	ED 131	Continues where French II leaves off
VIDEO CHEMISTRY	ED 132	An introduction to German
PC-FASTYPE 3.01	ED 136	Perfect program for assisting in chemistry - valency and molecular combinations
THE PRESIDENTS	ED 139	Another excellent menu-driven typing tutor
MICRO WORLD DATA BANK	ED 140	A kid's tutor for capitals, states and presidents
NIMONIK 1.1	ED 142	(2 disks) Biographical and quiz system on all the US Presidents
EDCOM-12	ED 143	(5 disks) Detailed world mapping database produced by the CIA
ET	ED 144	A smart, menu-driven program that helps you memorize many different subjects/ languages
WORDSTALK	ED 145	A DOS assistance program tutor for new PC users
*GOOGOL MATH GAMES	ED 146	A critical intelligence neural network demo for EGA and mouse
*PC BASIC PRIMER	ED 147	A really entertaining word game for all ages, with ability to solve crosswords and cryptograms etc.
*WORLD ATLAS	ED 148	V2.0 An excellent primer in basic math for pre-school and primary school youngsters. Uses classic arcade games to teach the basics.
*CHINESE CHARACTER TUTOR	ED 149	New Menu-driven Basic tutor for beginners.
*SAN MATEO SOFTSWAP	ED 150	(2 disks) Data Base of important geographical information from the Rand McNally Atlas!
*WINDWARD FLAGS	ED 151	Delta of selected chinese characters including phonetics!
*NOVICE UTILITIES	ED 152	19 educational games from the San Mateo Office of Education.
*BRANDONS LUNCHBOX	ED 153	Color representations of over 250 different flags.
*DIFF & CALCULUS	ED 154	Ideal for starters!
*EZ LEARNING SYSTEM	ED 155	A collection of educational programs for pre-schoolers
	ED 156	For EGA, this learning tool for both math disciplines.
	ED 157	An excellent first tutor for DOS, highly recommended for newcomers to PC computing

## MUSIC

Compose, Save, Play...

PIANOMAN 3.2	MU 101	Turn your computer keyboard into a piano keyboard - lots of fun!
PC-MUSICIAN	MU 102	Compose, save and play your own music - inspirational and educational
MUSIC LIBRARY SYSTEM	MU 105	A really nifty music database for cataloging all your CDs, tapes and records
*GREETINGWARE	MU 106	Play a variety of Christmas selections with a "bouncing ball" so you can sing along. Customize a message and send a greeting on disk to a computer user friend. Entertaining seasonal fun!

## DATABASE MANAGEMENT

dBase, Files, Routines...

PC-FILE+	DA 101	(3 disks) The dBase killer! State-of-the-art DBMS.
dBASE III ROUTINES	DA 102	Over 60 helpful routines for the dBase III user. A must!
NEWBASE III 4A	DA 104	New version! Excellent user-supported DBMS with full menu support. Try for power and simplicity
WAMPUM 3.3S	DA 105	Latest version on this legendary dBase III/IV compatible clone. Powerful but ludicrously inexpensive!
FILE EXPRESS 4.3	DA 106	(2 disks) Another powerful package from Expressware - interacts with their ExpressCalc and ExpressGraph
dLITE 1.0	DA 107	Ward Mundy's (Wampum fame) new pop-up dBase marvel - background access to 10 dBase compatible applications!
GRAPHTIME II	DA 108	(2 disks) dBase, Wampum, Lotus and Squeezed onto one - mouse supported and information manager with database, dialing and calendar
EZ-dBASE TRAINER	DA 109	Here's a great database that's 3 disks multiplied onto one - mouse supported and easy menus - HIGHLY RECOMMENDED
WINDYFIELDS 1.0	DA 110	Information manager with database, dialing and calendar
JAGER MANAGER 1.4A	DA 111	An uncomplicated, semi-specialized, user-friendly database package! (Permits comma delimited, variable-length fields [no more truncated entries]! This program sold commercially for over 100!
*FILEBASE	DA 113	

\*New This Month





# GAMES

Chess, Planes, Adventures...

JET FLIGHT SIMULATOR	GA 101	Stimulating and fast paced fun!
GAMBLER'S DISK	GA 103	Fantastic 2D and 3D play with many levels
MONOPOLY WITH GRAPHICS	GA 121	All the casino thrills - blackjack, slots, baccarat, solitaire
ADVENTURE TOOLKIT	GA 138	An old favorite cleverly programmed for absorbing fun
PC PRO GOLF	GA 139	(2 disks) Create and play your own text adventure games
EGA TREK	GA 140	(2 disks) A must for the golfing fraternity - good graphics
MAZE	GA 140	Superb Star Trek game for EGA - fight Klingons and Romulans
SOLITAIRE	GA 142	Wolfgang Siller's mind boggler - a LENGTHY mental challenge!
EGA SORRY!	GA 147	Absorbing card games for one player - nice CGA/EGA graphics
GAMMESAPE	GA 150	Immensely popular version 2.0 of this classic game, for EGA card only
PINBALL ART GAMES	GA 152	The incredible adventure game designing system!
LOVE FIRE	GA 157	Good pinball action - circus, money maze, par 3 golf, spooky, etc.
CAPTAIN COMIC	GA 158	You fashion the structure of this love adventure as you go!
BARDS' TALE CHAR ED	GA 159	A Nintendo Mario Bros' style game with multi-levels of play, scrolling screens, beautiful visual effects. (EGA req'd)
ED'S CHESS	GA 160	Allows modification of characters from Bard's Tale I and II
CYRUS EGA CHESS	GA 161	A truly fine chess game with the power to beat Chessmaster 2000!
ARMCHAIR QUARTERBACK	GA 162	Here's another challenging opponent for chess if you have an EGA card to show the
MASTER THE MARKET	GA 165	fine detail - a program of pure breathtaking quality
FRIO SIMULATOR	GA 166	Realistic and call plays in this football strategy game
DRAcula IN LONDON	GA 166	Here's a high class prebail for "high resolution"
EGA GOAL	GA 167	A new exciting driving simulator from Ford
PC-RAILROAD	GA 168	A really good graphics and adventure game
CRIME LAB	GA 167	Play 18 holes with scenery in finer detail on your EGA!
MORAFF'S EGA/VGA PINBALL	GA 168	Whether you are a serious golfer or design your own
"SUPER PRO WIND SEARCH"	GA 169	A commercial quality arcade game with karate action
"PATIENCE	GA 170	A super, graphic, murder mystery game for all the family
"GOLF II	GA 175	Here's a high class prebail for "high resolution"
"MEMOR-E	GA 176	If you like the "word search" games in the newspaper, you'll love Super Pro!
"TUNE TRIVIA	GA 177	Super Solitaire! Nine great card games.
"MILLE BORNES	GA 178	An absorbing word game, based on "hangman."
"YACHT RACING SIMULATOR	GA 178	Based on the classic TV game show "concentration."
"DULLES TOWER	GA 181	"Name That Tune" Includes a library of 200 tunes.
"PHRASE CRAZE	GA 182	Now you can play this great card game against the computer.
"RISK	GA 183	Whether you are a serious sailor, or a landlubber, this realistic simulator is
"ELIZA	GA 184	challenging and fun! (CGA req'd)
"NOSNAX	GA 185	Ever wonder what it's like to be an Air Traffic Controller?
"BASS TOUR	GA 186	"Wheel Of Fortune" clone for CGA monitors.
"TOMMY'S GIN RUMMY	GA 187	The classic game of worst computer. (CGA req'd)
"SCRABBLE	GA 188	The prototype of artificial intelligence!
"BATTLE GROUND	GA 189	(2 disks) A remarkable electronic jigsaw puzzle generator
"FACING THE EMPIRE	GA 190	The latest version of a great fighting simulator (EGA req'd)
"MAHUONG	GA 193	One of the best card games we've seen! (CGA req'd)
		The program for Scrabble buffs! (EGA req'd)
		Control artwork of Lyra against the evil Mole Star Empire
		DEFEND the world of Lyra against the evil Mole Star Empire
		2 versions of this fascinating, colorful oriental game, one for CGA, and another EGA.



# GRAPHICS

Design, Draw, Animate, Clip...

PC-KEY DRAW	GR 101	(4 disks) Now version 3.53 with 'hyperdraw' of this magical drawing/art program with tutorial, library and many demo files - recommended
SIMCGA	GR 102	Run CGA programs with Hercules type cards
DANDADD3	GR 106	(2 disks) The best for 3-D wireframe with all conceivable options
PRINTSHOP GRAPHICS	GR 108	3 additional libraries, over 200 additional pics - needs PrintShop
PRINTMASTER GRAPHICS	GR 109	3 additional libraries for PrintMaster
PRINTSHOP GRAPHICS II	GR 111	Another 500+ images for the PrintShop program
PRINTMASTER GRAPHICS II	GR 112	(2 disks) Another 500+ images for PrintMaster
VENTURA CLIP ART	GR 113	(5 disks) Office/business subjects for Ventura Publisher
VENTURA PUBLISHER TUTOR	GR 118	Packed with utilities and instruction for VP - recommended for all users
WP:PM/PCG CLIP ART	GR 119	(11 disks) An absolute wealth of art for PageMaker and WordPerfect: 5.0 in PCC format, in 300 dpi res
FIRST PUBLISHER GRAPHICS	GR 121	(3 disks) Full of pictures and symbols for First Publisher in .PCX format
VGA PAINT	GR 122	At last! A superb graphics and painting program just for VGA owners
EGA FONTS	GR 123	Here are more than 50 fonts to live up to your EGA display
HERCIBIOS	GR 124	Now 43 lines by 90 columns on Hercules mono!
PRINTSHOP GRAPHICS III	GR 125	(2 disks) More superb art from Jim Cooper and his wife
PRINTMASTER GRAPHICS III	GR 126	(2 disks) And the same for PrintMaster!
"COOPER GRAPHICS	GR 127	(3 disks) Clipart in PCX format!
"COOPER GRAPHICS #2	GR 129	(2 disks) More great Clipart (Print Shop, Printmaster, First Publisher) from Cooper Graphics
'EZGRAPH 2.0	GR 130	Includes state flags, American sign language, cartoon characters - 200 images in all
'KID PAINT	GR 131	Create presentation quality line graphs from your scientific data!
'4TH OF JULY	GR 132	A coloring book on the computer! Your children can color stored pictures with a "box" of thirty colors. (EGA req'd)
'CLASSICS ILLUSTRATED	GR 133	A stunning fireworks display! You select the firework routines you want, and the music to accompany your display. (CGA req'd)
'PC-KEY DRAW LIBRARY #1	GR 134	(2 disks) Remember the Classics Illustrated Comic Books? This is a set of 16 of the best ones! (CGA req'd)
'NAGEL ART	GR 136	A disk full of graphic (PIC) images for PC-Key Draw (GR 101)
'FRACTAL KALEIDOSCOPE	GR 137	Fascinating collection of GIF art files displayed for your pleasure in EGA or VGA format.
'AUTOFLIX MOVIE PROJECTOR	GR 138	Great for viewing supplied fractals, or building and saving your own. (EGA or VGA, req'd) For EGA and hard disk, this demo shows off the animation capabilities of the PC.

**Can't Decide?**  
Take what you want and get a price break by buying disk certificates — good in the future for any new disks. Great Gifts Too!



**GEMINI**™  
Marketing, Incorporated  
P.O. Box 640, Duvall, WA 98019-0640

**Toll Free 24-Hour Orders Only**

**1-800-346-0139**

Other Inquiries & Foreign Orders: (206) 788-4295 Fax: (206) 788-0717

**CANADIAN ORDERS TO — Gemini Software Ltd., 5 Montgomery Cresc., Roxboro, Quebec, H8Y 1H3 — Toll Free: 800-363-0950 or 514-684-3522. Please add 33% exchange conversion.**

Buy	Pay (Ea.)
1-4	\$3.00
5+	2.75
10+	2.50
20+	2.25
30+	2.00
50+	1.75
100+	1.50
300+	1.25

Refer to price table at left to calculate cost per disk (note some programs comprise multiple disks). Shipping and handling please add \$3.00 per order. COD welcome, additional \$3.50. Foreign orders additional \$4.00 air mail US funds only please, drawn on US bank. WA residents please add 8.1% sales tax. We ship by UPS and US Mail depending on weight. UPS blue available for rush orders at extra charge.

For 3.5" disks please add \$1 per disk. Allow 10 days for check clearance. All disks warranted readable. No returns without prior approval number. Discover Card now accepted.

**Call NOW to be placed on our free catalogue mailing list!**  
Our sales hours are Mon-Fri 6:00 am to 7:00 pm, Sat 9:00-5:00 pm, PST. An answering device will be available at all other times — please leave your name and number and we'll call you back.



# GENERAL APPLICATIONS

Astronomy, Finance, Travel...

MAIL MASTER	GE 101	Good and dedicated mailing list manager for form letters and labels
CITY DESK	GE 103	Desktop publishing - simple but effective for smaller applications
GENERALY ON DISPLAY	GE 105	(2 disks) A complete package, ideal for beginners
PERSONAL FINANCE MANAGER	GE 107	Household budgeting, savings, investments, checking, etc.
STRESS & SHRINK	GE 122	Stress test and personality analysis
PC LOTTO 2.1	GE 152	Popular and all-embracing package for use with worldwide lotto games
NEW AGE NOTES 1.1	GE 153	Over 200 metaphysical composited notes for the open minded individual
GOLF MANAGEMENT	GE 154	Golf handicapping and league secretary programs for golf clubs and golfing fanatics
FACT SERIES CALCULATORS	GE 155	Three Hewlett Packard calculators - faithful simulations of the HP-11C Scientific, the HP-12C financial, and the awesome HP-16C Programmable model.
CREATIVITY PACKAGE	GE 156	(3 disks) Unleash the power of your brain with this creative thinking tool.
EGA TREE	GE 157	Organize your thoughts with a graphic display of ideas
LOTTO CAL 1.0	GE 158	(2 disks) A powerful and scientifically oriented lotto predictor.
PROTAB 1.1	GE 159	A statistical calculator for fast quantitative analysis of small data sets
AMORT 1.07	GE 160	Excellent loan amortization program - easy to use and has powerful features
FAMILY TREE DDI	GE 161	Successful genealogical package, with full documentation, family history and fun
LOTTO 3.0	GE 162	One of the best lotto programs - with every conceivable lotto feature
THE CODE MACHINE	GE 163	Key Ham Radio transmitters and provides Morse Code practice sessions
COMIC BOOK COLLECTOR 1.4	GE 164	A dedicated database for comic book fanatics!
BASEBALL CARD COLLECTOR 1.4	GE 165	A dedicated database for baseball card collectors!
COUCH COACH	GE 166	Fantasy football drafts from Prosto League Sports
"PRO FOOTBALL LINEMAKER	GE 167	Calculates and projects point spread and expected statistics
"HOME ENTERTAINMENT Mgr	GE 168	Organize video tapes, cassettes, cd's and records.
"HOME INVENTORY KEEPER 2.0	GE 169	Protect your investment in computer equipment! This program will keep an accurate record of the location and value of all your household possessions.
"THE PROGRADE SYSTEM	GE 170	(2 Disks) Record, process and print grade reports using a variety of formats.
"THE TENANT FILE 1.3.2	GE 171	Keeps detailed tenant information, including payment histories.
"MR LABEL 4.0	GE 172	Print mailing labels, disk labels, price tags, rolodex, envelopes, forms.
"THE CARDSHOP	GE 173	Baseball card collecting has become a profitable hobby! This program will help you keep track of your investment.
"BY THE NUMBERS	GE 176	Computer numerology! Includes manual to explain the science of numerology.
"EXAM BANK	GE 177	Stores exam questions (multiple choice, true/false, essay, etc.) and allows editing.
"MINI COUPCAT	GE 178	For people who collect grocery coupons. Stores coupon information by category, brand, volume, expiration, etc.
"CARD TRAK	GE 180	V3.0 Plan credit usage and repayment, and get control of your credit.
"TYPING TESTER	GE 181	Sophisticated typing test
"PC-QUIZZER	GE 182	Create lessons and administer complete tests on a computer!
"WEATHER FORECASTER 2.0	GE 183	Generate your own weather forecasts and calculate current conditions.
"HANDWRITING ANALYST	GE 186	The science/art of handwriting analysis!
"PC-AREACODE	GE 187	A user-friendly program that can find the area code for virtually any city in the U.S. or Canada in less than two seconds!
"EXCHEQUER	GE 188	A check-writing and checkbook management program with some advanced features!
"HOME MANAGEMENT II	GE 189	One of the best packages of personal financial management programs we've seen!
"RESUME!	GE 190	Apply for your next position in the confidence that your resume will be as professional as you purport to be!



# UTILITIES

Disk & Program Management...

DOS TUTORIAL	UT 107	Master DOS with this able mentor
BATCH FILE TUTORIAL	UT 109	Learn and utilize batch (bat) file processing. Time saving, very useful
DOS TIPS	UT 110	(2 disks) Advanced DOS tutorial
KARC/PKARC 3.6	UT 126	Latest version of a great file compression/extension tool. A must for hard disk users
SCREEN SAVERS/BLANKERS	UT 134	Prevent monitor burn-in! This disk provides many screen savers for mono, CGA, and EGA/VGA and EGABLANK
LAPTOP GASGUAGE	UT 135	Monitors laptop battery and lets you know when to recharge
POINT & SHOOT	UT 136	A far better hard disk backup/restore utility than DOS provides!
BAKER'S DOZEN	UT 138	A collection of valuable utilities for general use that everyone wants
HD UTILITIES	UT 139	A useful set of hard disk utilities
BEST BATCH UTILITIES	UT 140	Put some punch into your batch files with the aid of these 25 programs
YEAR PLANNER	UT 141	This powerful organizer prints wall calendars!
ARCHIVER 1.3	UT 142	Here's a REALLY USEFUL program - an archiving shell. Makes archiving and unarchiving a breeze with pull-down menus and professional interface.
MENUX 3.1	UT 145	Excellent HD menus with multiple windows - use batch files to run your programs - used by federal government
"FREEPACK	UT 146	A good example of the latest generation of Hard Disk mgmt utilities. Six programs;
"NET-TOOLS	UT 147	Now if you have invested in a novel NetWare LAN, this new program will help you get the most out of your system.
"SCREENSAVER 1.05	UT 148	A memory resident screen blanking utility requiring less than 2K of memory.
"ANADISK	UT 149	The ultimate Diskette Utility! Analyzes, inspects, odds, repairs and copies diskettes.
"BURM	UT 150	Hard/Soft Disk manager. A full featured DOS shell with more features than the popular commercial programs at a fraction of the cost!
"EVEN IN A DIAGNOSTICS	UT 151	A very handy disk that performs extensive system checks and diagnostic routines.
"DISKCOPY/FORMAT UTILITIES	UT 152	Plenty of super utilities for copying and formatting disks - goes further than the standard DOS XCOPY and FORMAT!
"DOS CHKDSK UTILITIES	UT 153	A sound collection of disk routines to include reporting of free space, warning of insufficient space before a problem occurs, checking of file consistency, etc. etc.
"HD-TEST	UT 154	Probably the most thorough hard disk tester available in software. Supports floppy testing also
"HARD DISK BACKUP	UT 155	One of the most comprehensive utilities available for backing up your hard disk safely and quickly to floppy!

\*New This Month

Circle Reader Service Number 118



## ATTENTION ROLE PLAYERS

HELP IS ON THE WAY!  
 BUILD UP CHARACTERS WITH OUR EDITORS OR SOLVE RIDDLES WITH OUR HINT BOOKS.

- **CHARACTER EDITORS** - \$19.95 each  
 Might and Magic, Ultima 3, Ultima 4, Ultima 5, Bard's Tale 1, Phantasie 1, Phantasie 3, Sentinel Worlds 1  
 Might and Magic 2, Pool of Radiance, Bard's Tale 2, Wizardry (Edits 1-3), Wizardry 4, Wizardry 5, Magic Candle, Curse of the Azure Bonds.
- **HINT BOOKS** - \$9.95  
 Might and Magic, Legacy of Ancients, Wizardry (1, 2, 3, 4 or 5).
- **OTHER MIGHT AND MAGIC PRODUCTS**  
 Monster Editor - \$12.95

Apple & Commodore versions also available.  
 Add \$3.00 for shipping and handling.

**GOSSELIN COMPUTER CONSULTANTS**  
 P.O. Box 1083 - Dept. COM12  
 Brighton, MI 48116  
 (313) 229-2453

Circle Reader Service Number 171

## The California Freeware Home Software Club



Join Now!

a \$72.00 value,  
 for the Introductory Price  
 of \$29.95

As a member you'll receive...

- **Discounted Software** - \$1.00 off every disk. Good for any PC system. Mix or Match. No Limit!
- **Public Domain Software - Untapped Resources:** This book contains valuable information, plus a \$15.00 CompuServe usage credit. (\$34.95 value)
- **Quarterly Bonus Disk**
- **Monthly Catalogs** A GREAT GIFT IDEA!

The finest in Shareware and Public Domain Software for IBM® / Compatibles, Mac®, Amiga®, Apple II® & Commodore®

**(800) 359-2189** Ext. 24  
 "An ASP Approved Vendor"  
 1747 E. Ave. Q, # C-1, Palmdale, CA 93550  
 (805) 273-0300  
\*Offer Expires 12/31/89, not valid with other offers. USA only!

Circle Reader Service Number 172



## Looking for a Widget for your Printer and need it now? Call Precision!

Precision Images stocks a complete selection of parts, supplies, and manuals for these printers:

**C. ITOH, GUME, CITIZEN, OKIDATA, FUJITSU, EPSON AND OTHERS**

For Visa/MC/Amex Call  
**1-800-524-8338**

Precision Images  
 P.O. Box 573  
 Chester, NY 10918

Circle Reader Service Number 173

## Prepare to meet your NEMESIS™



The only Go program to successfully imitate human play.

Go has been a way of life in the Orient for over 4,000 years. As much a philosophy as a game, many think Go is the secret of Japanese success.

"Using it [NEMESIS] is an improvement over learning the game [of Go] from books or from all but the most patient humans." Seiter, MacWorld 6/89

"I've had a blast playing (and learning to play) this incredible game. The beauty of it is that NEMESIS helps" MicroCornucopia

**Toyogo, Inc.** (800) 4-TOYOGO, (617) 861-0488  
 76 Bedford Street, Suite 34cp, Lexington MA 02173  
**\$79 NEMESIS Go Master \$6 S&H**

Circle Reader Service Number 174

## Enhance Your Tandy!

1000 EX/HX Hard disks - Complete Kits!  
 20 meg 30 meg 40 meg 64 meg  
 \$389.00 \$439.00 \$489.00 \$599.00

Hard Cards for your 1000, A, SX, TX, SL, TL and 3000

20 meg 30 meg 40 meg 64 meg  
 \$329.00 \$349.00 \$389.00 \$599.00

15 month Warranty

LT-1400 20 megabyte hard drive \$789.00 installed!

Above 640k EMS boards for 1000, A, SX, TX, SL, TL  
 with / no memory 512k 1 megabyte  
 \$139.00 \$289.00 \$389.00

Chip Sets - EX / HX / SX from 384k to 640k \$99.00  
 SL from 384k to 640k \$109.00  
 TX / TL to 768k \$59.00

**CALL NOW ! 1-800-537-3539**

DCS Industries, Inc. FAX 1-614-592-1527  
 141 Columbus Rd. Call for catalog . . .  
 Athens, Ohio 45701

Tandy is a registered trademark of Tandy Corp.

Circle Reader Service Number 175

Use the handy Reader Service Card in the back of the magazine to receive additional information on our advertisers.

MAIL TO:

## COMPUTE! SUBSCRIBER SERVICE

P.O. Box 3245, Harlan, IA 51537

**Change of Address:** Please advise as early as possible. Attach label with your old address and write in new address below.

**New Subscriber:** Fill in your name and address below. Use separate sheet for gift orders.

PLACE LABEL HERE

**Renewal:** Attach label.

\_\_\_\_\_ One year \$19.94 \_\_\_\_\_ Two years \$34.95  
 (Foreign subscribers please add \$6.00 per year for postage)

NAME \_\_\_\_\_

STREET \_\_\_\_\_

CITY/STATE/ZIP \_\_\_\_\_

\_\_\_\_\_ Please bill me \_\_\_\_\_ Payment enclosed

For other subscription questions or problems, please write a note and send entire form to the above address. OR CALL TOLL-FREE:

**1-(800) 727-6937**

**DON'T FORGET  
 COMPUTE!'S VIDEO DEMO BONANZA!!  
 SEE PAGES 30 & 31 IN THIS ISSUE  
 PREVIEW THE LATEST SOFTWARE—  
 BEFORE YOU BUY!!**



**ONLY**  
**\$1.65**  
**PER DISK**  
FOR 1 - 9 DISKS

# INCREDIBLE SOFTWARE

Public Domain and Shareware for IBM and Compatible Computers  
Thousands of Programs Available to Meet Your Every Computing Need.  
We Have The Latest Updates ★ Software Is Guaranteed ★ Prompt Delivery!

**ONLY**  
**\$1.85**  
**PER DISK**  
FOR OVER 10 DISKS

## WORD PROCESSING

**GALAXY v2.42 (407)** Easy to use menu system. Mouse and EGA support.

**PC-WRITE v3.02 (434-436/3 disks)** Newest version! Very popular. Includes spelling checker (2 FD or HD)

**PC-WRITE MACROS v1.2 (458)** 100 special commands for PC-Write.

## GRAPHICS

**SIMCGA/HGCIBM (1027, 1062/2 disks)** Use with Hercules graphics card/compatible to run CGA programs on your monochrome.

**IMAGE-3D (1048)** Create, edit 3-D objects. Move, scale, rotate image (CGA).

**FINGER PAINT v2.00 (1050)** Use keyboard or mouse to draw. Like MacPAINT (CGA)



**DRAFT CHOICE (GRA6)** Excellent menu-driven CAD program. Mouse support.

**CHARTS UNLIMITED (GRA16)** Complete system for flow charts, organizational, electrical, etc., with symbols.



**MIND CHART (GRA37- GRA38/2 disks)** Menu-oriented screen graphics charting and drawing programs.

**KEYDRAW CAD SYSTEM (1001, 1002, 1065, 1066)** (4 disks) Popular. Also uses mouse. (Requires color graphics).



## SPREADSHEETS

**AS-EASY-AS (505)** Great! Includes screen help menus. A Lotus clone that reads Lotus files.

**PC-CALC+ v1.0 (512-514/3 disks)** Jim Button's famous Lotus clone (2 FD or HD)

**PIVOT v1.01 (516)** Prints Lotus or As-Easy-As worksheets sideways.

## PROGRAMMING

**PC-BASIC PRIMER (1625)** Learn BASIC in a very colorful environment (CGA, BASIC).

**PERSONAL C COMPILER v1.2 (1627)** Small C compiler. Great for learning the C language (2 FD or HD)

## DOS

**TUTOR.COM v4.4 (1301)** Teaches you DOS. Interactive.

**STILL RIVER SHELL v2.58 (1304)** Run DOS commands from menu. Make DOS easy.

**HELPDOS v2.0 (1326)** Online DOS help with menus. Includes DOS dictionary of terms and a hints menu.

## RELIGION

**BIBLEMEN (3330)** Excellent Bible quiz program.

**BIBLEWORKS (3356-3361/6 disks)** Nice Bible reference, allows editing. Entire Bible (2 FD or HD)

## ACCOUNTING/ FINANCE

**MARKETCGA v2.2 (BUS17)** Performs sophisticated analysis on stocks, funds, etc.

**FINANCE MANAGER II G/L v1.3 (751)** For personal or small business financial management (2 FD or HD)

**MEDLIN ACCOUNTING (757)** Includes G/L, A/P, A/R and payroll all in one package!

**EXPRESS CHECK v2.06 (786)** Checking account with running balance, monthly reports, etc. Prints checks.

## EDUCATION

**GOOGOL MATH (EDU15)** math learning system. Nice graphics, many levels of difficulty. Excellent (CGA)

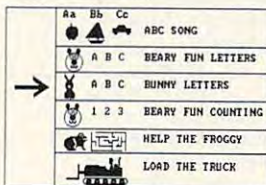
**FUNNELS AND BUCKETS (201)** A fun way to learn math. For ages 5 through 8.

**SPANISH I & II (211, 232/2 disks)** Great tutorial (BASIC)

**FACTS 50 (239)** Geography lessons for U.S. Nice graphics (BASIC).

**PC FASTYPE v3.01 (241)** Touch typing instruction program. Includes WPM, accuracy, etc. (CGA)

**AMY'S FIRST PRIMER v1.70 (248)** Child's learning game teaches letters, numbers, keyboard (CGA)



AMY'S FIRST PRIMER

## UTILITIES

**BRADFORD v2.0 (2729)** Beautiful fonts for your dot matrix.

**PROFESSIONAL MASTER-KEY v3.0 (2805)** Like Norton's. Retrieve deleted files. A lifesaver (2 FD or HD)

**SCOUT v3.5 (2808)** Excellent file/directory control program (for EM memory order #2809)

**TECHSTAFF TOOLS (3068-3069 /2 disks)** 13 utilities no computer should be without!

**SCREENSAVER v1.05 (UTL21)** Save monitor from burn-in. For all video displays.

**PAS MASTER MENU v1.02 (UTL33)** PC menu interface for multiple users passwords, etc. (HD)

## GAMES

**KINGDOM OF KROZ (GAM5)** A combination arcade, adventure, and strategy game with 25 levels.

**KID-GAMES (GAM8)** Animals math, clock game, alphabet, etc. (CGA)

**CHES (GAM9)** Incredible. 2D and 3D. Playback moves, store games (CGA)



**EGA RISK (GAM11)** World domination in great color. With EGA Asteroids (EGA)

**BLACKJACK! v1.5 (GAM47)** Very professional and superb graphics (Mono or EGA)

**PC-JIGSAW v1.1 (GAM71)** Beautiful computer jigsaw puzzles. Color or mono.

**SCRABBLE (GAM72)** Exact rendition of the all time favorite (EGA)

**EAT 'EM II (GAM 74)** Like Pac Man but with a bigger field.

**SHARP SHOOTER (GAM84)** Tank vs. tank warfare game. Up to eight players (CGA)

**DRACULA IN LONDON (GAM 94)** Great graphics game based on novel (CGA)

**STARLORD (GAM95)** Play Star Trek on your PC (CGA)

**CADDIEHACK EGA GOLF (GAM100)** Best 18-hole shareware golf game around! Incredible graphics. CGA version is **GAM101 (EGA)**

**MAH JONGG (GAM103)** High tech simulation of this ancient game. CGA version incl. (VGA)

**CROSSWORD CREATOR (GAM108)** Shareware's finest crossword puzzle generator!

**STRIKER (110)** "Top Gun" in space (CGA)

**PAS TRIVIA v3.02 (GAM114)** Family oriented trivia game for up to 6 players.

## MUSIC

**CHRISTMAS SONGS (311)** Collection of your favorite Christmas tunes.

**COMPOSER (313)** Create, edit and play music with nice graphics. (CGA)

## APPLICATIONS

**EZ-FORMS (1909)** Make forms to meet different needs.

**FAMILY TREE (2201)** Create files and genealogical reports.

**THE NUTRITIONIST (2334)** Evaluates foods, meals and recipes for nutritional content.

**LOTTO PROPHET v2.7 (2364)** Best lotto program we've seen.

**FOOTBALL FUN (MIS1)** Manage an office football pool.

**LOGITI! (UTL27)** RAM resident computer logging program.

## TELE-COMMUNICATIONS

**TELIX v3.11 (1161-1162/2 disks)** Comprehensive package. Supports baud rate to 115,200 (modem, 2 FD or HD)

**WILDCAT! v1.03 (1141, 1143/2 disks)** Flexible bulletin board system (modem, HD)

**PROCOMM v2.43 (1159)** Outstanding modern software (modem)

## SECURITY HACKING

**VIRUS STOPPER v2.0 (1223)** Protect your system from viruses and trojan horses.

**FLU SHOT+ v1.5 (1225)** Best protection against the dreaded viruses!

**COPY PROTECTION IV (1226)** latest release. For advanced programmers (2 FD or HD)

## DATABASE PROGRAMS

**PC-FILE:DB (853-855/3 disks)** Newest version! Report-writer, dBASE III+ compatible data files (HD)

**FILE EXPRESS (803-804/2 disks)** Powerful system. Allows 32,000 records. Sorts up to 10 fields (2 FD or HD)

## ORDER FORM

PLEASE PRINT DISK NUMBERS

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE ( ) \_\_\_\_\_

NUMBER OF DISKS \_\_\_\_\_ X \$1.85 = \_\_\_\_\_

(\$1.65/Disk 10 or more; add \$1/Disk for 3 1/2" Disks.  
Note: 2-Disk set is 2 x \$1.65, etc.)

CALIF RESIDENTS ADD 6% TAX = \_\_\_\_\_

SHIPPING AND HANDLING = \$3.50

(FOREIGN ORDERS ADD \$5/CANADA \$2) = \_\_\_\_\_

TOTAL = \$ \_\_\_\_\_

MAIL CHECK OR MONEY ORDER TO:

**FREEMONEY UNLIMITED**

P.O. Box 685, Cardiff, CA 92007

OR CALL (619) 436-2618

From 8 AM to 5 PM PST Monday - Friday.

IF PAYING BY VISA OR MASTERCARD, PLEASE GIVE

NUMBER: \_\_\_\_\_

EXP. DATE: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_

We also accept COD orders (add \$4.00). Call or write for free catalog  
Phone orders shipped within 24 hours.

UPS Next Day and Second Day Air available



# CLASSIFIED

## SOFTWARE

**YOUR IBM & COMP SHAREWARE DISTRIBUTOR.** Over 700 in library-5¼" & 3½". Send 50¢ U.S. stamp for full catlg. T&Z Software, PO Box 780217-C, Sebastian, FL 32978-0217. Approved vendor by the Assoc. of Shareware Professionals.

**IBM SOFTWARE.** 170 programs on 5.25 disks \$15.75. On 3.5 disks \$14. Free catalog. Circuit Software Co., Box 40604, Memphis TN 38174, or call (901) 278-8931 ext 25.

**IBM - COMMODORE 64 & 128 - AMIGA.** 1000's of PD/Shareware programs on 100's of disks. Free listing or \$1 for large descriptive catalog (specify computer). DISKS O'PLENTY INC., 7958 Pines Blvd., Suite 270B, Pembroke Pines, FL 33024

**Numerology**—Get a 10 page report about your strengths, weaknesses, and destiny. Send your full name at birth, birthdate, current name, and \$9.95 to The Network, P.O. Box 1102, Westboro, MA 01581.

**LINCAD, CALCAD, CONVOLV, FFT SPECTRA.** Design, analyze analog & logic circuits. Call (614) 488-3400 or send for info. SOFCAD, 1609 Essex Rd, Columbus, OH 43221

**FREE CATALOG—OVER 1000 PUBLIC DOMAIN Programs of IBM PC and Compatibles.** Buy or Rent. Low as \$1.00/disk. Write to Softshoppe, POB 709, Ann Arbor, MI 48106

**KJV OLD & NT BIBLE, CONCORDANCE, SEARCH KEY, SPECIAL \$99.00 /NT \$49.00 COMPLEC, BOX 5601, EVERETT, WA 98206**

**54 DISKS OF GAMES FOR \$54. PD/SW 5.25 IBM. 54 Disks of Bus/prog/util \$54. Catalog \$1. Ship/H \$6 Each. VISA/MAST Call (312) 657-1160 SAVEWARE, BOX 274, GLENVIEW, IL 60025.**

**BIBLE TEXT. GREAT CHRISTMAS GIFT \$50** Ascii files load in your Apple II w.p. or 40K AW Desktop K.J.V. or N.I.V. 3.5 or 5.25 to: Four His Church, Box 13141, OP, KS 66212

**NEW! Special application IBM compatible software for professionals, technicians, and hobbyists.** Free catalog.

**INNOVATIVE SOFTWARE SOLUTIONS** Box 17554, Greenville, SC 29606

## 10,000 Different Movie & Movie Star Posters

Catalogue (40 pages) \$3 refundable with first order  
Free mini catalogue.

### Movie Poster Shop

Dept. CPT  
#9, 3600 - 21 Street N.E., Calgary, Alberta, Canada  
T2E 6V6 Tel: 1-403-250-7588

**FREE PUBLIC DOMAIN SOFTWARE**—Request free catalog or send \$2 for sample disk & catalog (refundable). APPLE, C64-128 (specify) CALOKE IND., Box 18477, K.C., MO 64133

**FREE PD & SHAREWARE.** IBM OR C-64 (SPECIFY). Send 1 stamp for catalog or \$1 for Sample disk & Catalog. RVH Publications, 4291 Holland Rd., Suite 562-A, VA Beach VA 23452. Approved Vendor ASP.

**\*FREE\* IBM SOFTWARE \*FREE\* 5¼" AND 3½" FORMATS**  
**FREE CATALOG: AP-JP, INC.**  
**BOX 399, DEPT C, ISLIP, NY 11751-0399**

**DISCOUNT COMPUTER PRODUCTS** Software, books, diskettes, labels, training cassettes, and much more!! For FREE information, write to: DOYLE SYSTEMS, 12178 Greenspoint Dr. No. 318, Houston, TX 77060

**FREE DISCOUNT SOFTWARE CATALOG.** Amiga Apple, Comm., IBM & Mac. Disk-Count Software, P.O. Box 3, Carteret, NJ 07008 Call: (800) 448-6658



**BEAT LOTTERY BIASES!**  
**NEW DOS RELEASE!**  
**YOUR LOTTERY IS BIASED!** Unintentionally certain number patterns will be selected with a greater frequency than others. **LOTTO PICKER 3** will uncover & exploit these biases & tell you which numbers to play—no guesswork required! **GUARANTEED** to work for all lotteries worldwide or your **MONEY BACK!** **WHEELING** now included in DOS version! **BEAT THE LOTTERY TODAY!** \$39.95 (+2.55 s/h). 3.5" add \$5. Ver. 2.1 for Apple II & C64/128. NY add tax.  
**ORDER TODAY! 1-800-634-5463 ext 293 (M-F 8-5)**  
**GE RIDGE SERVICES, INC.,** 170 Broadway, Suite 201-CP, New York, NY 10038  
Info/Dealers 718-317-1961.



**Quality IBM SOFTWARE from \$2 per disk.** Games/WProc/DBases/Educ/Sprsh/Util/More. PD/Shareware-Latest Versions! Free Catalog. SOFSOURCE, Box 828, East Lansing, MI 48826 (517) 349-3560 CALL OR WRITE TODAY!

**TRY BEFORE YOU BUY:** C64, 128, AMIGA. Games utilities, educ'n'l, classics, new releases, 100's of titles. Free brochure. Specify computer. RENT-A-DISC, Frederick Bldg. #221, Hunt'n, WV 25701 (304) 529-3232

## THRILLING TEACHERS ACROSS AMERICA GRADESPEED BY COMPUSWARE (APPLE, IBM)

Experience this exciting, fast, efficient, & very teacher-friendly gradekeeper. Others will charge you just a few dollars less for slow & inefficient programs. COMPUSWARE gives you the best for \$59.50. Call (512) 680-6328. **FREE** demo diskette available (incl. \$1 for s/h). COMPUSWARE, PO Box 681992, San Antonio, TX 78268  
**AN IDEAL CHRISTMAS GIFT FOR TEACHERS!**

## BOOKS

**DISCOUNT COMPUTER BOOKS.** Thousands of titles available. Please call or write for your free catalog today. BOOKWARE 147 Campville Rd, Northfield CT 06778 (203) 283-6973 (800) 288-5662

## HARDWARE

**TONER CARTRIDGE RECONDITIONING** for Laser Printers/Copiers. 300 Models serviced \$39.95. MaxiTone 3581 South Apopka Ave. Inverness, FL 32652-7009 (904-344-1362)

## MARYMAC INDUSTRIES INC

### Our 13th year of DISCOUNTS

COMPUTERS FAX CELLULAR PHONES

Fgt. Prepaid. Save Tax  
Toll Free 800-231-3680

22511 Katy Fwy., Katy (Houston) TX 77450  
1-713-392-0743 FAX: (713)574-4567

## BUSINESS OPPORTUNITIES

**HOW TO MOONLIGHT WITH COMPUTER** Free information. Must reading for everyone wanting their own business. AICTC, Box 2615, Pasadena, CA 91102

**GET PAID** for mailing letters! \$200.00 daily. Write: PAASE - SK1, 161 Lincolnway, North Aurora, IL 60542

**\$97,500 'HIDDEN' IN YOUR COMPUTER? YES!** (Free) Report. Write: Simpson, Dept. CP Battle Ground, WA 98604-0771

## EDUCATION

### B.Sc. & M.S. in COMPUTER SCIENCE

The American Institute for Computer Sciences offers an in-depth correspondence program to earn your Bachelor of Science and Master of Science degrees in Computer Science at home. BSc. subjects covered are: MS/DOS, BASIC, PASCAL, C, Data File Processing, Data Structures & Operating systems. MS program includes subjects in Software Engineering and Artificial Intelligence.

**AMERICAN INST. for COMPUTER SCIENCES**  
1704-CC 11th Avenue South  
Birmingham, AL 35205  
TOLL FREE 1-800-872-AICS

## COMPUTE! Classified is a low-cost way to tell over 250,000 microcomputer owners about your product or service.

**Rates:** \$25 per line, minimum of four lines. Any or all of the first line set in capital letters at no charge. Add \$15 per line for boldface words, or \$50 for the entire ad set in boldface (any number of lines.) Inquire about display rates.

**Terms:** Prepayment is required. Check, money order, American Express, Visa, or MasterCard is accepted. Make checks payable to COMPUTE! Publications.

**Form:** Ads are subject to publisher's approval and must be either typed or legibly printed. One line equals 40 letters and spaces between words. Please underline words to be set in boldface.

**General Information:** Advertisers using post office box numbers in their ads must supply permanent address and telephone numbers. Ad will appear in next available issue after receipt.

**Closing:** 10th of the third month preceding cover date (e.g., June issue closes March 10th). Send order and remittance to: Kathleen Ingram, Classified Manager, COMPUTE!, P.O. Box 5406, Greensboro, NC 27403. To place an ad by phone, call Kathleen Ingram at (919) 275-9809.

**Notice:** COMPUTE! Publications cannot be responsible for offers or claims of advertisers, but will attempt to screen out misleading or questionable copy.

**Classified Display Rates:** Classified display ads measure 2¼" wide and are priced according to height. 1" = \$250; 1½" = \$375; 2" = \$500; 3" = \$600; (\$100 for each additional inch, e.g. 4" = \$700, etc.) Preferred supplied material is Velox or PMT.



# MONTGOMERY GRANT

ESTABLISHED 1968

OUTSIDE USA & CANADA.....CALL  
**(718)692-0790**

FOR CUSTOMER SERVICE  
Call: Mon-Thurs, 9:30am-4:30pm  
Fri, 9am-3:30pm (718)692-1148

Retail Outlet: Penn Station, Main Concourse  
(Beneath Madison Square Garden) NYC, NY 10001  
Store Hours: Mon-Thurs 8:30-8/Fri 8:30-3:00/Sat-Closed/Sun 9:30-7  
FOR ORDERS & INFORMATION IN USA & CANADA CALL TOLL FREE

**1-800-759-6565**

OR WRITE TO:  
Montgomery Grant Mail Order  
Department, P.O. Box 58  
Brooklyn, NY 11230

FAX NO. 7186923372  
TELEX 422132 MGRANT

COMPUTE  
12 89

Extended Holiday Season Order Hours: Mon-Thurs. 8:30am-8pm / Fri. 8:30am-3:30pm / Sat-Closed / Sun. 9:30am-6:30pm  
NO SURCHARGE FOR CREDIT CARD ORDERS/WE INVITE CORPORATE & EDUCATIONAL CUSTOMERS/DISCOUNTS FOR QUANTITY ORDERS/  
RUSH SERVICE AVAILABLE / TOLL FREE TECHNICAL SUPPORT



**AMIGA 500**  
Amiga 500 w/512K •  
Built-in 3.5" Disk Drive •  
Mouse • FREE Software  
**\$549**

**AMIGA 500**  
RGB COLOR PACKAGE  
Amiga 500 w/512K • Built-in 3.5" Disk Drive • Mouse  
RGB Color Monitor • Free Software  
**\$749**

AMIGA 500 With 1084 .....\$829  
AMIGA 500 With 1084  
& 10103.5" Drive.....\$999

**AMIGA 2500.....\$3299**

AMIGA 1010 Disk Drive.....\$179  
A-2088D Bridge Card.....\$499  
A-2286D Bridge Board.....\$1149  
A-501 Memory Expansion.....\$149

ALL OTHER AMIGA  
PERIPHERALS & HARD  
DRIVES IN STOCK



**AMIGA 2000**  
A-2000 Computer w/Keyboard  
1MB Expandable to 9MB  
Built-in 3.5" Disk Drive  
Mouse • FREE Software  
**\$1459**

**AMIGA 2000**  
RGB COLOR PACKAGE  
A-2000 Computer w/Keyboard • 3.5" Disk Drive • Mouse • RGB Color  
Monitor • Free Mouse & Software  
**\$1659**

AMIGA 2000 w/1084 Monitor.....\$1739  
AMIGA 2000 w/40MB H.D.....\$1949

**AMIGA 2000 H.D....\$2099**



**HYUNDAI**  
Model 286e  
IBM AT COMPATIBLE  
640K RAM Expandable to 1MB •  
80286 Microprocessor • 12MHz •  
1.2MB Floppy Drive • Serial/  
Parallel Ports • MS/DOS 3.3  
• GW Basic • Wordprocessing,  
Database & Spreadsheet Software  
w/SEAGATE 20MB.....\$1149  
w/SEAGATE 30MB.....\$1179  
w/SEAGATE 40MB.....\$1249

**apple**  
APPLE IIGS COMPUTER **\$1499**  
512K Upgrade • Apple 3.5" Disk  
Drive • RGB Color Monitor  
IMAGEWRITER II PRINTER.....\$439  
ALL OTHER APPLE MODELS.....CALL

**commodore**  
INCLUDES:  
FREE GAME (\$19.95 VALUE)  
GEOS PROGRAM  
QUANTUM LINK SOFTWARE  
& MEMBERSHIP  
C-128D with Built-In  
Disk Drive **\$429**



**COMMODORE C 64-C**  
STARTER PACKAGE  
C/64-C with Accelerator Plus  
Disk Drive • Two Action Games  
GEOS Program  
Quantum Link Software & Membership  
FREE Gift Offer  
**\$229**

**COMMODORE C 64-C**  
COMPLETE PACKAGE  
Commodore C-64/C Computer  
Commodore 1541 C Disk Drive  
Commodore Color Printer  
12" Monitor • GEOS Program  
Quantum Link Software & Membership  
**\$319**

**COMMODORE C 64-C**  
COLOR PACKAGE  
Commodore C-64/C Computer  
Commodore 1541 C Disk Drive  
Commodore Color Printer  
Color Monitor • GEOS Program  
Quantum Link Software & Membership  
**\$429**

1525 Dot Matrix Printer.....\$99  
MPS-1000.....\$169  
MPS-1250.....\$219  
DPS-1101 Daisy Wheel  
Letter Quality Printer.....\$169  
ALL 64-C, 128, 128D PERIPHERALS  
& ACCESSORIES IN STOCK!

SEAGATE  
20, 30, 40, 50, 60, 70, 80MB  
HARD DRIVES IN STOCK



1571 Disk Drive  
**CALL**

1581 Disk Drive  
**\$199.95**

1541III Disk Drive  
Includes Free Game!  
(a \$19.95 Value)  
**\$159.95**

1750 RAM  
Expansion  
**CALL**



1084 Monitor  
**\$289.95**

1802 Monitor  
**\$189.95**

WE CAN RECONFIGURE ANY OF OUR COMPUTER  
PACKAGES TO YOUR SPECIFICATIONS. CALL FOR  
INFORMATION.



**COMMODORE 128D**  
COMPLETE PACKAGE  
Commodore C/128-D Computer with  
Built-in Disk Drive  
Commodore Color Printer  
12" Monitor  
**\$479**

**COMMODORE 128D**  
DELUXE PACKAGE  
Commodore C/128-D Computer with  
Built-in Disk Drive  
Commodore 1902 RGB Color Monitor  
Commodore Color Printer  
**\$629**

C/128-D  
Complete w/1084  
Monitor **\$679**

1700 RAM Expansion.....\$89.95  
#1764 Expansion Module.....\$114.95  
XETEC S. Graphix Jr. Interface.....\$29.95  
XETEC S. Graphix Sr. Interface.....\$49.95  
XETEC Supergraphix Gold.....\$79.95  
C-64C • 64C Power Supply.....\$29.95  
C-1660 Modem.....\$19.95  
C-1670 Modem.....\$69.95  
COMMODORE 1350 Mouse.....\$26.95  
COMMODORE 1351 Mouse.....\$39.95  
XETEC Lt. Kernel 20MB Hard Drives for:  
C-64C.....\$799 C-128 & 128D.....\$849  
XETEC 40MB Hard Drive for:  
C-64/128 & 128D.....\$1199



**NEC POWERMATE 286**  
IBM AT Compatible  
80286 Microprocessor • 10MHz • 512K  
RAM Expandable to 16MB • 1.2MB  
Floppy Drive • Serial & Parallel Ports  
MS DOS 3.3 & GW Basic • Word  
Processing, Database and  
Spreadsheet Software  
**\$899**

w/SEAGATE 20MB HARD DRIVE.....\$1149  
w/SEAGATE 30MB HARD DRIVE.....\$1179  
w/SEAGATE 40MB HARD DRIVE.....\$1249



**EPSON**  
EPSON EQUITY I+  
IBM XT COMPATIBLE PKG.  
640K RAM w/Clock Calendar •  
4.77-10MHz • One 360K Drive  
Keyboard • Serial & Parallel Ports  
12" Monitor • Box of 10 Diskettes  
MS DOS • GW Basic  
Wordprocessing, Database &  
Spreadsheet Software  
**\$569**

Same Pkg. w/Seagate 20MB Hard Drive.....\$819  
Same Pkg. w/Seagate 30MB Hard Drive.....\$849  
Same Pkg. w/Seagate 40MB Hard Drive.....\$919  
Same Pkg. w/2 360K Drives.....\$629

**EPSON EQUITY II-**  
IBM AT COMPATIBLE  
Keyboard • 640K RAM • 80286 Microprocessor • 1.2MB  
Floppy Drive • Mono Monitor • MS DOS 3.3 & GW Basic  
Wordprocessing, Database & Spreadsheet Software  
**\$999**

Same with Seagate 20MB Hard Drive.....\$1249  
Same with Seagate 30MB Hard Drive.....\$1279  
Same with Seagate 40MB.....\$1349  
EPSON EQUITY 1e.....\$729



**AST 286**  
IBM AT Compatible  
512K RAM Expandable to 4MB • 80286  
Microprocessor • Serial/Parallel Ports  
1.2 MB Floppy • Wordprocessing, Data-  
base, & Spreadsheet Software  
**\$799**

AST 286 w/SEAGATE 20MB HARD DRIVE.....\$1049  
AST 286 w/SEAGATE 30MB HARD DRIVE.....\$1079  
AST 286 w/SEAGATE 40MB HARD DRIVE.....\$1149

**LEADING EDGE**  
MODEL D  
IBM XT Compatible Pkg.  
512K RAM Expandable to  
768MB • 8088-2 Microproces-  
sor • 360K • Floppy Drive  
4.77-7.16 MHz • MS DOS 3.2  
& GW Basic • 12" Monitor •  
Wordprocessing, Database  
and Spreadsheet Software  
**\$569**

w/SEAGATE 20MB HARD DRIVE.....\$829  
w/SEAGATE 30MB HARD DRIVE.....\$869  
w/SEAGATE 40MB HARD DRIVE.....\$929

**IBM PERSONAL SYSTEM II**  
..ALL MODELS IN STOCK

## PRINTERS

**STAR**  
NX-1000.....\$164.95  
NX-1000C.....\$164.95  
NX-1000 Rainbow.....\$209.95  
NX-1000C Rainbow.....\$209.95  
NX-2400.....\$277.95  
XR-1000.....\$339.95  
XR-1500.....\$429.95  
XR-2410.....\$429.95  
XR-2415.....\$549.95

**EPSON**  
LX-810.....\$179.95  
LQ-510.....\$329.95  
FX-850.....\$329.95  
FX-1050.....\$429.95  
LQ-850.....\$509.95  
LQ-950.....\$569.95  
LQ-1050.....\$719.95  
LQ-2550.....\$899.95

**SANYO**  
PR-3000  
Daisy Wheel  
Letter Quality  
Printer **\$59**

**HEWLETT-PACKARD**  
DESKJET.....\$569.95  
DESKJET+.....\$679.95  
LASERJET I.....\$1629  
LASERJET IID.....\$2799  
PAINTJET.....\$959.95

**CITIZEN**  
180 D.....\$149.95  
P2200.....\$319.95  
P5200.....\$489.95  
P6300.....\$649.95

**OKIDATA**  
OKIMATE 20.....\$139.95  
180.....\$219.95  
183.....\$249.95  
320.....\$319.95  
390.....\$439.95  
321.....\$439.95  
391.....\$599.95

**PANASONIC**  
KXP-1180.....\$177.95  
KXP-1191.....\$229.95  
KXP-10921.....\$269.95  
KXP-3121.....\$269.95  
KXP-1124.....\$309.95  
KXP-1595.....\$409.95  
KXP-1524.....\$519.95  
KXP-4450 Laser.....\$1349.95  
**MAGNAVOX MONITORS**  
EGA Monitor.....\$319.95  
EGA Monitor  
& EGA Card.....\$439.95  
VGA Monitor.....\$349.95  
VGA Monitor  
& VGA Card.....\$539.95

Certified Check, Bank Check, Money Orders, Mastercard, Visa, Amex, Diner's Club, Carte Blanche, C.O.D.'s and approved P.O.'s accepted. Please call before submitting P.O.'s. No additional surcharge for credit card orders. Non-certified checks must wait 4-6 weeks for clearance. Please add 5% shipping & handling. Volume orders over \$2000 are discounted to 3% shipping & handling. Canadian orders add an additional 5%. Minimum shipping & handling charge is \$5.00. APO addresses add 10% for shipping and handling. All APO are shipped first class priority air. N.Y. residents add applicable sales tax. Prices subject to change without notice. Not responsible for typographical errors. Return of defective merchandise must have prior return authorization number or returns will not be accepted. IBM XT AT are registered trademarks of International Business Machines Corp. All orders can be shipped Air Express. Call for details. For your protection we check for credit card theft. C.A. #000233



© 1989 MONTGOMERY GRANT

www.commodore.ca



# Sensational IBM Software SALE

**\$2.39**  
Per Disk  
10 or More

**\$2.89**  
Per Disk  
Less than 10

Great Public Domain and Shareware Programs • Best Selections • Latest Updates  
Fully Tested - Virus Free • Free Technical Support • Fast, Fast Delivery

**Featuring: MORE...MORE...MORE.....PROGRAMS PER DISK**

## PRINTING

- LETTERHEADS PLUS (132)** Design/print custom letterheads, envelopes, labels to Epson/IBM compatible printers.
- EZ-FORMS (119)** Create custom forms. Easy, powerful.
- ON-SIDE (121)** New! Print sideways with custom fonts. Menu-driven.
- CITYDESK (123)** Desktop publishing for 2 column newsletters.
- MR. LABEL (124)** Most versatile & powerful label printing program.
- ADDRESS-O-MATIC (127)** Grabs names and addresses from letters and automatically prints envelopes.
- IMAGEPRINT (128)** Remarkable letter quality printing on a 9 pin dot matrix printer.
- BANNER MAKER (130)** Create signs and banners with multiple fonts & styles.
- COLUMNAR PRINTING UTILITY (133)** Prints proportionally justified text files in 1 to 3 columns.

## GAMES

- CRIME LAB (279)** Great, unique graphic murder mystery game. CGA or EGA.
- CAPTAIN COMIC (260)** Commercial quality arcade game. Excellent! EGA or VGA.
- DRACULA IN LONDON (271)** Super graphics adventure game. Great fun. CGA or EGA.
- NINJA (201)** Commercial quality karate arcade game. Neat graphics. CGA, EGA.
- PGA GOLF (202)** 18 hole course. Great graphics. CGA or EGA required.
- 3-D CHESS (205)** Superb 3-D game. Loaded with options. Use w/any graphics card.
- PC-RAILROAD (210)** Trains run on ready-made routes or design your own. You have total control. CGA required.
- CARD GAMES (214)** Draw Poker, Hearts, Canasta and Bridge.
- ARCADE GAMES #5 (220)** Rockets, Snake, Xenix, Nemon, Spacewar. Needs CGA.
- FAVORITE GAMES (221)** Pango, Qbert, Frogger, Pacman, 3-Demon. CGA.
- CLASSIC GAMES (222)** Pinball, Breakout, Flightmare, Ratmaze, Space Commander. Needs CGA.
- ADVENTURE GAMES #1 (228)** Sam Spade, Castle Adventure, Pleasure Dome.
- GAMBLING GAMES (229)** Blackjack, Poker, Roulette, Craps. CGA required.
- BOARD GAMES #1 (230)** Monopoly and Risk. Requires CGA.
- MONOCHROME ARCADE GAMES (243)** Horseshoe, Beast, Skiing, Fire Fighter. EGA ARCADE GAMES #1 (251) Aldo, EgaBreakout, Egaroids. Needs EGA.
- EGA ARCADE GAMES #2 (252)** Snarfs and Ega-Star Trek. Requires EGA.
- BOARD GAMES #3 (245)** Scrabble, Concentration, Boris, Seek & Sink. Needs color monitor.
- MAJOR LEAGUE BASEBALL (203)** Super baseball game. Neat graphics. CGA.
- FORD SIMULATOR (211)** New, exciting driving simulator from Ford. Test your skills on 4 tracks. Needs CGA or EGA.
- EGA GOLF (250)** 18 holes of the best scenery available. Requires EGA.
- BASS TOUR (258)** New! Feature-packed fishing game. Select rod, reel, bait, everything. Needs CGA or EGA.
- BOARD GAMES #2 (231)** Checkers, Chess, Dominoes, Backgammon. Needs CGA.
- ADVENTURE GAMES #2 (246)** Empire & McMurphy's Mansion.
- STRATEGIC WAR GAMES (226)** War on the Sea, Tank & African Desert Campaign.
- KINGDOM OF KROZ (244)** Unique arcade-adventure game. National prize winner.
- ARCADE SPORTS GAMES (223)** PC-Pool, PC-Bowl & Archery. CGA or EGA.
- ARCADE GAMES #1 (216)** Spiders, Tank Wars & Disk Crash. Requires CGA.
- PINBALL GAMES (225)** 10 pinball games for 1-4 players. Requires CGA or EGA.
- EGA FOOTBALL (257)** New! You control all the great action. Plays like a real football game. Needs EGA.

## UTILITIES

- POINT-SHOOT BACKUP/RESTORE (401)** Superior hard disk backup. CGA or EGA.
- QUICKCACHE (443, 444)** (2 disks) Disk caching speeds up your PC. Best we've seen!
- BAKER'S DOZEN (406)** Powerful package of 14 utilities from Jim Button. Top rated.
- FLU-SHOT + (411)** New! Effective protection against virus programs.
- CGA SIMULATOR (433)** Run most CGA programs on Hercules compatible monochrome cards.
- HARD DISK UTILITIES (437)** Very useful set of hard disk utilities.
- EGA FONTS (441)** More than 50 fonts to make your EGA shine.
- CATDISK (452)** Easy, menu-driven disk cataloging system.
- SPACE MAKER (467)** Data compression package to save disk space.
- BEST BATCH UTILITIES (473)** 25 programs put power in your batch files.

## MENUS and DESKTOP

- POWER MENU (702)** Excellent, easy menuing program. Needs hard disk.
- HOMEBASE (601-602)** (2 disks) Desktop organizer puts Sidekick to shame.
- TREEVIEW (706)** New! Our favorite DOS command shell with pull down menus.

## WORD PROCESSING

- WORDPERFECT 5.0 TOOLS (841)** ASCII to WP5 format converter plus other super utilities to improve performance.
- PC-WRITE 3.02 (809-811)** (3 disks) New! Top rated w/spell checker.
- WORDPERFECT CLIPART (843, 844)** (2 disks) Over 180 great graphics.
- PRO-SCRIBE (822)** New! Really improves impact and clarity of your writing.
- WORDPERFECT MACROS (831)** for 5.0, (837) for 4.2. Over 70 great macros & templates.

## GRAPHICS

- GRASP (1605)** Create and run fabulous graphic demos. Any graphics card.
- PC-KEY DRAW (1607-1609)** (3 disks) Powerful drawing/CAD program with clip art. CGA, EGA, or HERC w/CGA emulation.
- OPTIKS (1619)** Edit, merge, convert files from over 24 different graphic formats.
- FINGER PAINT (1620)** Like PC-Paint brush. Requires graphics card.
- VGA PAINT (1622)** New! Graphics/drawing in 248 colors. Requires VGA, 450K.
- PRINTMASTER GRAPHICS (1602, 1603)** (2 disks) New! Over 1,000 great Printmaster graphics. Requires Printmaster.
- PRINT SHOP GRAPHICS (1663, 1664)** (2 disks) New! 1,080 graphics for Print Shop.

## DATABASE

- dLITE (1031)** Amazing dBASE multi-utility incl. cut & paste, and much more.
- FILE EXPRESS 4.xx (1002-1003)** (2 disks) Easy, powerful database. PC-Magazine said it "performs like a thoroughbred."
- dPROG (1022)** Fantastic dBASE III auto-programmer writes all codes for you.
- WAMPUM (1006, 1007)** (2 disks) Superb, full-featured dBASE III clone. Requires 512K, hard disk.
- dFLIPPER (1025)** New! Directly edit dBASE & compatible files from DOS.
- PC-FILE + 2.0 (1009-1011)** (3 disks) New version. Jim Button's relational database masterpiece.

## CREATIVITY

- CREATIVITY PACKAGE (3000-3002)** (3 disks) Unique, 3-phase pkg. Computer brainstorming unleashes your creativity.
- IDEA TREE (3003)** Unique thinking tool & info manager. Gain control of thoughts with graphic display of ideas. Top honors.

## PROGRAMMING

- A86 and D86 (1403-1404)** (2 disks) Finest macro assembler & debugger. Lightening fast. Rave reviews.
- EBL & OPAL (1407)** Two fantastic batch language processors. Super-charge your batch files.
- SCREEN DESIGNER (1431)** New! Exciting feature-packed screen designer for batch files & most programming languages. Needs 384K.

## SPREADSHEET

- AS EASY AS (902)** Great Lotus 123 clone. Latest with 256x1024 grid. Does almost every Lotus function.
- QUBECALC (903)** Unique, powerful 3-D spreadsheet. View data as never before.
- LOTUS TEMPLATES (907)** Ready to run. Requires Lotus 123.
- LOTUS MACROS (908)** Saves loads of time. Requires Lotus 123.
- 123 POWER WORKSHEETS (911-912)** (2 disks) 13 great worksheets for Lotus

## HOUSEHOLD

- PC-BARTENDER (1823)** Professionally mix almost any drink.
- GARDNER'S ASSISTANT (1809)** Plan your garden in every detail.
- VIDEO LIBRARIAN (1812)** Catalogs your video tape library. Menu-driven.
- SHOPPERS ASSISTANT (1816)** Easy grocery shopping and coupon filer.
- COMPUTER CHEF (1817-1818)** (2 disks) Complete cooking program. Loaded with recipes.

## COMMUNICATIONS

- PROCOMM (1700, 1701)** (2 disks) Newest. All features, menu-driven. Top rated.
- TELEDISK (1713)** NEW! Converts entire diskette into a compressed file for faster transmission.

## EDUCATION & TUTORIALS

- WORDPERFECT LEARNING SYSTEM (353, 354)** for 4.2. (355, 356) for 5.0.
- BASIC PRIMER (330)** Great basic tutor. Requires CGA, color monitor.
- TUTOR (302)** Complete interactive DOS and computer tutorial.
- EASY DOS (305)** Two great programs make using DOS very easy.
- PC-FASTYPE (311)** The very best interactive typing instructor. Needs CGA or EGA.
- THE PRESIDENTS (341-342)** (2 disks) Super biography & quiz on all U.S. presidents.
- SPANISH TUTOR (351)** 3 powerful programs to help you learn Spanish.

## BUSINESS & FINANCE

- LABEL MASTER (1974)** Mail list manager. PC-MAG Editor's Choice.
- YEAR PLANNER (508)** Powerful organizer prints wall calendars. Needs 520K.
- AREA CODE FINDER (1962)** Quickly finds US & foreign area codes.
- RENTALS (1951)** Fast, powerful property management. Menu-driven, easy to use. Requires 420K, 2 floppies or hard disk.
- BUSINESS ACCOUNTING (1902)** Complete A/P, A/R, G/L, Payroll.
- ZIP CODE FINDER (1900)** New! Computerized zip code book. Ultra fast search.
- UPS RATE MASTER (1955)** Complete UPS shipping program. A real time saver.
- FASTBUCKS (1903)** Fast, easy, complete home finance package. Requires graphics card.
- FLODRAW (1904-1905)** (2 disks) Total flow-charting system. CGA or EGA, 320K.
- SOLVE-IT! (1919)** 29 menu-driven financial calculations.
- EXPRESS CHECK (1922)** New! Great check book mgr. Menu-driven, prints checks and reports.
- TICKLEX (1926)** Most powerful Tickler-Calendar-Scheduler for one person or entire office. Needs 512K, hard disk.
- EASY PROJECT (1932)** Total project manager. Gantt charts, reports.
- ASC IN-CONTROL (1952, 1953)** (2 Disks) New! Sales prospecting/tracking, billing & activity scheduling, auto-dial, mail labels, much more.
- FONE (1954)** New! Price your phone calls while you're on the line & save money.
- BUSINESS FORM LETTERS (1936)** 100 common business letters. Fill in blanks.

## MISCELLANEOUS

- HANDWRITING ANALYST (2132)** Produces detailed, accurate personality analysis.
- MICRO WORLD DATA BANK (2608-2612)** (5 disks) Ultra detailed world mapping. Produced by the CIA. Needs CGA or EGA. Features 2 types of mapping.
- PIANOMAN 4.0 (2202)** Play and compose music. New update is better than ever.
- SCICALC (2304)** 250 menu-driven math & physics tools with unit conversions. Need CGA or EGA.
- WORLD (2600)** Stunning! Feature-packed world map w/zoom. Needs CGA or EGA.
- ASTROLOGY 9.5 (2701)** Complete, accurate chart calculation.
- LOTTO BUSTER (2130)** Lottery program really works on any pick-6/pick-7 lottery.
- WISDOM OF THE AGES (1216-1218)** (3 disks) New! 6500 quotes on 81 subjects from history's greatest minds.
- ELECTRON (2321)** Electrical/electronics tables, drawings, performs calculations & designs. For hobbyist, student, technician, etc. Needs CGA.

**Call Toll Free for 800-359-9998**  
**SAME DAY SHIPPING** Orders Only & Free Catalog

CIRCLE DISK NOS. OR SEND ORDER ON SEPARATE SHEET OF PAPER.

Name \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

No. of disks \_\_\_\_\_ x \$2.89 ea. (Pay for ea. disk in multiple disk sets) = \_\_\_\_\_  
(\$.239 each 10 or more disks)

Checks, Money Orders, 3.5" disks + add \$1 ea. = \_\_\_\_\_  
VISA/MC, COD Accepted CA residents add 6.5% sales tax = \_\_\_\_\_  
(Add \$4 for COD) Shipping and handling = \$3.50

Check disk size: 5 1/4" \_\_\_\_\_ 3 1/2" \_\_\_\_\_ Total = \_\_\_\_\_

VISA/MC # \_\_\_\_\_ EXP. DATE \_\_\_\_\_

**The Software Labs**

3767 Overland Ave. #112 Los Angeles, CA 90034 (213) 559-5456

**Immediate pick-up for WALK-IN customers**

CPU1289



# The Best For Less

**\$1.75**

Per Disk/10 or more

Easy to use Software for IBM PC's and compatibles

**\$2.25**

Per Disk/less than 10

## ACCOUNTING

- Financial Consultant 4.2** — An excellent accounting program for home or office.
- MedIn Accounting** — Complete with Gen. Ledger, Accounts Receivable, Accounts Payable & Payroll.
- Painless Accounting 3.0 (3 disks)** — An easy to use accounting program that's loaded with features! (HD)
- Small Business Accounting 1.5** — An excellent accounting program designed for small businesses.

## BUSINESS/HOME

- Blakbook** — A handy program that will keep track of your addresses and print out nice address books.
- Express Check 3.0** — A great program to manage your checking accounts!
- Home Inventory 3.2** — Helps you keep track of everything you own. Great for insurance.
- Ticklex 4.7** — Great tickler program for appointments, deadlines, reminders and timetables. Can handle up to five people at once. (HD)

## DATABASE/SPREADSHEET

- Wampum** — An excellent dBase clone with menus.
- Instacalc 2.5** — Memory-resident, Lotus-compatible spreadsheet. ("Editor's Choice" — PC Magazine!)
- PC-Calc+ (3 disks)** — A very powerful spreadsheet.
- Qubecalc 3.02** — Lotus-compatible multi-dimensional spreadsheet. ("Editor's Choice" — PC Magazine!)

## EDUCATION

- Amy's First Primer 1.7** — Six different learning programs for children ages 4-8. (CGA)
- Bible-Q 3.3** — Test your bible knowledge with this fun and educational program.
- Funnels and Buckets** — A fun way to teach children basic math skills! (CGA)
- Play 'n' Learn 2.03** — A collection of six programs for children 18 months to 4 years. (CGA)
- Typing Teacher** — This disk contains 2 programs designed to improve the speed & accuracy of your typing!
- World 2.93** — The ultimate globe! Learn about cities, countries and continents with this computer version of the globe. (CGA)

## GAMES

- Arcade Games 1** — Pac-man (3 versions!), Hopper, Space Invaders, Janitor Joe and others. (CGA)
- Arcade Games 2** — Q-Bert, Donkey Kong, Mario Bros., Breakout, Beast and others. (CGA)
- Arcade Games 3** — Striker, Space War and Quantoids. (CGA)
- EGA Cunning Football 2.1** — The best football simulation anywhere. EGA or VGA Graphics required.
- EGA Games** — A collection of the best EGA games including EGARoids, Reflex, Aldo, Flees and others. EGA or VGA Graphics required.
- Monopoly** — A great rendition of the classic game. Great color and sound! (CGA)
- Pinball** — A collection of several different pinball games. (CGA)
- Strategy Games** — Risk, Othello, Chess, Nyet (Tetris clone), and others. (CGA)
- Star Trek Games** — Three great games on one disk! An arcade game, standard Star Trek game, and a trivia game.

(CGA) Requires Color Graphic Adapter  
(HD) Requires Hard Disk

**FEDERAL EXPRESS STANDARD  
OVERNIGHT SERVICE ONLY \$5!\***

- **ALL orders shipped same day!**
- **Free shipping on all orders of 5 disks or more!**
- **Easy to use instructions on each disk!**
- **We always ship the latest versions!**
- **No membership fees!**

**Unconditional Money Back Guarantee!**

**OUR LATEST AND GREATEST! RS DISK PICKS**

- Banner & Sign Makers** — A collection of programs to make banners or signs for any occasion. Works with any printer.
- Computer/DOS Tutor 4.4** — Learn how to use your computer and DOS easily and correctly with this very educational program. A must for anybody trying to learn about computers!
- Ed's Chess** — The best chess game anywhere. (It beat Chessmaster 2000 easily!) Also, this game does NOT require graphics!
- Formgen 3.3** — A very versatile form generator. Make any kind of form for business or home on any printer! (Better than EZ Forms Executive!)
- Graphic-Less Games** — A great collection of games that don't require color or graphics. (They will work on ANY system!)
- The DOS Learning System** — Learn how to use DOS with this great tutorial. covers all versions of DOS through 3.3.
- The Lotus Learning System (2 disks)** — Learn Lotus 1-2-3 easily and quickly. (Lotus 1-2-3 is NOT required!)
- PC-File:dB (3 disks)** — The latest version of an excellent dBase compatible data base program. Very powerful! (HD)

## WORDPERFECT 5.0 UTILITIES



- WordPerfect 5.0 Learning System (2 disks)** — Learn WP 5.0 easily and quickly with this great tutorial (WP 5.0 is NOT required).
- WordPerfect 5.0 Macros (2 disks)** — Hundreds of macros for WP 5.0.
- WordPerfect 5.0 Menu/Mice (2 disks)** — Menu systems, mouse drivers.
- WordPerfect 5.0 Tools (2 disks)** — A collection of 17+ utilities.
- WordPerfect 5.0 Art/Graphics (2 disks)** — Dozens of clipart images.
- PC-Draft III (2 disks)** — Create graphic files (in .WPG format) for WP 5.0. Includes dozens of images to help get you started. (CGA) (HD)

**Order Toll Free (800) 876-3475**

Name \_\_\_\_\_  
 Business \_\_\_\_\_  
 Address \_\_\_\_\_  
 City / State / Zip \_\_\_\_\_  
 Phone \_\_\_\_\_  
 Disk Size:  5 1/4"  3 1/2" (add \$1 per disk)  
 No. Disks \_\_\_\_\_ x \$ \_\_\_\_\_ = \$ \_\_\_\_\_  
 Shipping:  1-4 disks (\$2) \$ \_\_\_\_\_  
            5 or more disks FREE!  
            Federal Express, contiguous 48 states (add \$5) \$ \_\_\_\_\_  
            UPS 2nd Day Air (add \$3.00) \$ \_\_\_\_\_  
            COD (add \$4) \$ \_\_\_\_\_  
            Foreign (add \$4) \$ \_\_\_\_\_  
 TOTAL ORDER: \$ \_\_\_\_\_  
 Method of payment:  Check/Money Order Enclosed  VISA  MasterCard  COD  
 Card No. \_\_\_\_\_  
 Exp. Date \_\_\_\_\_ Signature \_\_\_\_\_

## GRAPHICS

- Flowdraw (2 disks)** — An excellent drawing program with a multitude of features! (CGA) (HD)
- PC-Key-Draw 3.52 (3 disks)** — An exceptionally powerful graphics program. (CGA) (HD)
- PC-Key-Draw Library** — A large collection of ready made graphics for PC-Key-Draw.

## MISCELLANEOUS

- Brother's Keeper 4.2 (2 disks)** — Excellent, full-featured genealogy program that's easy to use. (HD)
- Easy Project 3.4** — A powerful project manager with lots of features.
- Kwikstat 1.3 (2 disks)** — A complete, easy to use statistics package.
- Pianoman 4.0** — Create and play music on your PC! Lots of fun!

## UTILITIES

- Automenu 4.5** — Latest version of the most popular menuing program of all time!
- Backup Whiz 2.1** — Backup your hard-disk quickly and safely with this easy to use program.
- Best DOS Utilities** — Essential utilities for DOS. File finders, listers and numerous other handy utilities that will save you time. Very easy to use!
- Epson Utilities (2 disks)** — A collection of utilities for Epson and Epson compatible printers.
- Help/Pop-Help** — A program that will help you with any DOS command. Very popular and educational.
- Hercules Utilities** — A collection of utilities for Hercules graphics cards. Includes SIMCGA.
- Mr. Label 3.0** — A very powerful and versatile labeling program.
- Newkey 5.0** — The latest version of the best keyboard macro program available. ("Editor's Choice" — PC Magazine!)
- On-Side** — Allows you to print anything sideways.
- PC-Deskteam 2.01** — A Sidekick-like program with even more features!
- Professional Master Key** — A collection of utilities like Norton's. Recover erased files easily!
- Vaccines and Virus Killers** — A collection of utilities designed to protect your system from viruses! This disk includes Flu-Shot + 1.52.

## WORD PROCESSING

- PC-Outline 3.34** — An excellent thought outliner! Can also be used as a free-form database. (Resident & Non-Resident versions included!)
- PC-Stylist 1.2** — Analyze and improve your writing style.

Some of the programs we sell are "shareware." Shareware programs are copyrighted and require additional payment to the authors if found useful.

**Free Catalog of  
over 200 programs  
with every order  
or by request**

**Order: 800-876-3475  
Information: 503-776-5777  
FAX: 503-773-7690**



**Reasonable Solutions**

2712 Jacksonville Highway Medford, Oregon 97501

**We also accept checks  
money orders and COD**

COMPUTE!12/89

**Delivering Excellence in Software, Service & Support**



SINCE  
1979  
10th  
Anniversary

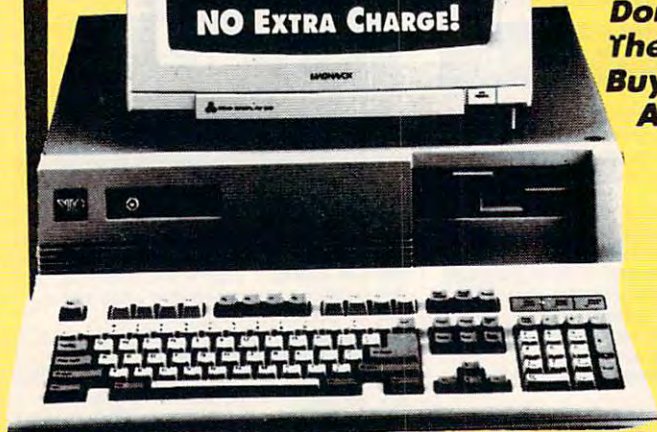
# COMPUTER DIRECT

Expires 12/31/89

WE WON'T BE UNDERSOLD!\*



**THE RAM CRISIS  
Is Over!  
Now with an  
ADDITIONAL 128K AT  
NO EXTRA CHARGE!**



Monitor Optional

Now, A Complete XT® Compatible  
Computer For Under \$500!!

## 768K 10MHz TURBO XT COMPUTER

For Only  
**\$499<sup>95</sup>** List \$899.95

**Don't Pass Up  
The Wise Buy,  
Buy Wise Now  
And SAVE!**

**We  
Won't Be  
Undersold!**

**FREE!  
DOS**  
A \$69<sup>95</sup> Value

**NO HIDDEN COSTS - INCLUDES!**

- ☆ High Tech IBM® XT® Compatible With Front Panel LED Display, Switchable Turbo Mode, And Security Keylock
- ☆ Full 768K RAM, Installed And Tested
- ☆ Parallel, Serial, And Game Ports Standard
- ☆ CGA, RGB, MGA Card Included
- ☆ Clock/Calendar
- ☆ 150 Watt Power Supply
- ☆ 101 Key AT® Style Keyboard
- ☆ 360K Floppy Drive And Controller
- ☆ 32K ROM
- ☆ Completely Assembled, Tested, And Burned In
- ☆ PLUS—Free Quality Word Processor

**TRIPLE THE VALUE!!!**

1. We want you to be the first to take advantage of this opportunity. VIP Computer Inc. has made Computer Direct your source for the best deal in the country!
2. If this computer fails due to workmanship or quality during the first year, we will replace it.
3. **NO RISK! 30 Day Home Trial!!!**

## Throw Away Those Keys!!! 1 MB 16 Mhz\* 0 Wait Computer

Here's What You Get...

- 8 Or 12 Mhz Switchable Turbo
- 80286 Microprocessor
- 1 MEG Standard, Expandable To 4 MB
- Compatible With All Video Cards
- Dual Floppy/Hard Drive Controllers
- 1 Parallel, 2 Serial, 1 Game Port
- 101 Key AT® Style Keyboard
- 1.2 MEG Floppy Drive
- Built-in Math Co-processor Slot
- 200 Watt Power Supply
- Operation Speed Indicator
- IBM®, OS/2, Novell, Unix Compatible
- 110/220 VAC Switch
- Santic Chip-set Technology
- EMS 4.0 Software Included

**QUICK 12**  
**\$949<sup>95</sup>** LIST \$1299.95



Monitor Optional

**NEW! State Of The Art  
Soft Touch Security Keypad.**

\*16 Mhz Throughput On  
Norton Performance Rating

© IBM, AT, and XT are Registered Trademarks of International Business Machines, Inc.

## Lowest Price 286 16 Mhz\* Ever AT® Compatible

**Includes MS-DOS 4.01 & GW BASIC**

**Comes Completely Assembled & Tested**

**With All These Standard Features**

- 512K, Expandable to 4 MB
- 80286/12.5 Microprocessor  
Runs at 16 Mhz\*
- Switchable Turbo 8, 10, 12.5 Mhz
- Phoenix BIOS
- High Tech Aero-Dynamic Case
- 101 Key Enhanced AT® Keyboard
- Dual Hard/Floppy Controller
- 2 Serial, Parallel & Game Ports
- 1.2 MEG Floppy Drive
- MGP Card
- Built-in Math Co-processor Slot
- 5 Device Bays -  
3 Open, 2 Closed



**JUST ARRIVED!**

\*16 Mhz Throughput On  
Norton Performance Rating

© IBM XT and AT are registered  
trademarks of International  
Business Machines

Monitor Optional

**VIP 286**  
**\$779<sup>95</sup>** List \$1299.95

**800-BUY-WISE EXT. 51**

800-289-9473 EXT. 51 Outside Service Area Call 312-382-5058

**FAX ORDERING! 312-382-7545**

Circle Reader Service Number 114

*We Love Our Customers*

COMPUTER DIRECT  
22292 N. Pepper Rd.  
Barrington, IL 60010

[www.commodore.ca](http://www.commodore.ca)



# BEST SERVICE IN THE USA

# PRICE IS NOT ENOUGH!

- 90 Day Immediate Replacement
- Experts In Customer Satisfaction

- Free Technical Assistance
- Bulletin Board Service

- Fast, Low Cost Delivery
- No Credit Card Fees

- 15 Day Home Trial
- Free Catalogs

# LOWEST PRICES EVER!

## SEAGATE Hard Drives & Cards

20 MEG Half-Height Drive Kit  
Includes Controller

**\$229<sup>95</sup>** List \$499 Model ST-225

40 MEG Super Fast Drive

**\$378<sup>95</sup>** List \$799 Model ST-251-1

80 MEG Hard Drive

**\$599<sup>95</sup>** List \$799 Model ST-4096

20 MEG Hard Card

**\$294<sup>95</sup>** List \$399 Model ST-125

30 MEG Hard Card

**\$334<sup>95</sup>** List \$499 Model ST-138RL

## 10" 180 CPS Printer with NLQ



**\$149<sup>95</sup>** List \$299.95  
*No one can sell this printer for less!*

## 720 CPS 6 Head Printer



15" Carriage  
**\$699<sup>95</sup>** List \$1995  
*The fastest printer you'll ever need.*

## 5 1/4" DSDD Disks As Low As...

Qty of 25 .....19¢ each  
Qty of 25 w/sleeves.....21¢ each  
Qty of 100 w/sleeves & labels .....24¢ each  
**19¢ ea**  
*Lowest Price In the Country!*

## 5 1/4" High Density Disks

As Low As...  
Qty of 25 .....45¢ each  
Qty of 25 w/sleeves .....47¢ each  
Qty of 100 w/sleeves & labels .....48¢ each  
**45¢ ea**  
★ Made in the USA! ★

## 3 1/2" DSDD Disks

As Low As...  
Lots of 10 59¢ ea  
**59¢ ea**  
*No Limits - Lifetime Warranty!*

## 100% Hayes Compatible Modems

1200 Baud Internal Modem Software Included ... a \$29.95 Value!  
**\$44<sup>95</sup>** List \$129.95

1200 Baud External Fits in the palm of your hand  
**\$69<sup>95</sup>** List \$238.90

2400 Baud Internal Made in the USA! Modem Software Included ... a \$29.95 Value!  
**\$89<sup>95</sup>** List \$129.95

2400 Baud External Made in the USA!  
**\$99<sup>95</sup>** List \$349.00

## Magnavox 8762 Color RGB Monitor



**\$234<sup>95</sup>** List \$399

## Magnavox EGA Monitor



**\$299<sup>95</sup>** List \$599

## 100% IBM® Compatible

## Laptop Computer



The B-300 is a 286 based unit that gives you the power of an AT® at only 15lbs. With its built-in 20 MB hard drive and 1200 Baud Hayes compatible modem, this is the one you've been waiting for!

**\$2195<sup>95</sup>** List \$2495  
*High Speed Ultra-Compact PC with Supertwisted Display*

## Save 10%\* On Any Product in Our Discount Catalog with the Computer Direct Credit Card

Ask About Our FREE Gift Offer



Call Now 800-BUY-WISE

to Apply for the Credit Card and Get Your FREE Catalog

\* Introductory Offer - Apply Now!

VISA  
MASTERCARD  
COD

Prices do not include shipping charges. Call to get your lowest delivered cost. We insure all shipments at no extra cost to you! All packages are normally shipped UPS Ground. 2nd day and overnight delivery are available at extra cost. We ship to all points in the US, Canada, Puerto Rico, Alaska, Hawaii, Virgin Islands and APO-FPO. Monitors only shipped in Continental US. Illinois residents add 6.5% sales tax. Prices and availability subject to change without notice. Not responsible for typographical errors or omissions.



# The World's Best IBM-PC Compatible

## BUSINESS

**Form Master (4177)**—Design and create any business form quickly and easily.

**Stock Charting (4121)**—A very comprehensive stock charting, analysis, and portfolio management package.

**PC-Calc+ (4130-4132)**—The most powerful spreadsheet package available for under \$200! (3 Disks) **512K**

**As-Easy-As (4138)**—A fantastic, easy to use Lotus 1-2-3 spreadsheet clone.

**Small Business Accounting (4141)**—A must for all small business owners!

**Solve-It! (4143)**—A complete financial formulas package. Great for bond, mortgage, and investment calculations.

**Your Financial Consultant (4146)**—An effective money management system for individuals and small businesses.

**Programs as low as \$1.49 per disk!**

**PC-Books (4148)**—A complete easy to use bookkeeping system. Comes with on-screen help and a tutorial.

**Manager's Planner (4162)**—Become a more effective manager. This excellent package helps you with planning, organization, and time management.

**PC-Project Manger (4165)**—This excellent menu-driven project manager does job scheduling, critical path analysis, Gantt charts, and more.

**Mr. Bill (4171, 4172)**—Complete billing system. Keeps track of your accounts receivable and payments. Prints invoices and statements (2 Disks)

**PC-Loans (4144)**—A complete package that supports most loan methods. Prints monthly payments and balances.

**Legal Form Letters (4175)**—Dozens of form letters for contracts, employment applications, filings, etc.

**PC-Payroll (4178, 4179)**—A complete and powerful payroll system! (2 Disks)

**Blakbook (4185)**—Great for keeping track of important addresses and phone numbers. Prints an address book.

## HOME MANAGEMENT

**Fast Bucks (4099, 4100)**—Tracks all your personal and family finances (2 Disks)

**Home Budget Manager (4103)**—Helps you to design and stick to a budget.

**Checkmate (4101)**—A fantastic checkbook program with reconciliation features and great screen displays.

**Home Inventory (4180)**—Keeps a permanent record of all your property.

**Edna's Cookbook (4217, 4218)**—A handy electronic cookbook with several great recipes—add your own (2 Disks)

**Family History System (4852, 4853)**—Helps you trace your family roots and prints genealogical reports (2 Disks)

## WORD PROCESSING

**Letter Writer (4603)**—Simplifies letter writing and mail-merge. Maintains a file of names and addresses.

**PC-Write 3.03 (4610-4612)**—All the features you need including spell-checking. The BEST word processor under \$200! (3 Disks) **512K**.

**Writer's Heaven (4620)**—A great add-on for PC-Write users. This package extends and supercharges the features of PC-Write. Highly recommended!

**PC-Write Macros (4621)**—A collection of 100 practical, time-saving macros.

## DATABASE/MAIL LIST

**File Express (4202, 4203)**—An easy to use, yet powerful database. Highly rated by *PC-Magazine*. (2 Disks)

**Mail List (4205)**—Keeps track of your mailing list and prints mailing labels.

**Doctor Data Labels (4209, 4210)**—Has the features otherwise found in only the most expensive mail list software. Powerful and complete. (2 Disks) **512K**

**PC-File:dB (4213-4215)**—This database package is complete, powerful, and dBASE compatible! (3 Disks) **512K HD**

**Idea Tree (4225)**—An AMAZING, FANTASTIC, WONDERFUL program that takes your ideas and thoughts and organizes them into a hierarchy which you can display on your screen or print.

## EDUCATION

**French I & II (4500, 4501)**—French vocabulary for students. (2 Disks)

**Spanish I & II (4505, 4506)**—Spanish vocabulary and verb drills for beginning-intermediate students. (2 Disks)

**Spanish Hangman (4507)**—What a great idea—make Spanish vocabulary fun by turning it into a game of hangman!

**Japanese (4510)**—Designed for the business traveler and language student.

**German I & II (4512, 4513)**—German vocabulary instruction. (2 Disks)

**AlgebraX (4524)**—Excellent algebra tutor which has different levels for the basic to advanced student. **CGA**

**Facts 50 (4525)**—A graphic geography lesson of the United States. **CGA**



### FREE Disk Drive Cleaning Kit

With your order of 7 or more disks from this ad, receive this vital maintenance kit, FREE!

(a \$9.95 value!). Additional kits may be purchased for a special price of only \$5.95 each. Both 3 1/2" and 5 1/4" sizes available. (Limit one free kit per order)

**Geography (4526)**—Make learning fun with this geography trivia game.

**Math Tutor (4529)**—A fun approach to learning math. For kids ages 5-13.

**Are You Ready for Calculus? (4534)**—This is an excellent pre-calc tutor which reviews algebra and trigonometry.

**Funnels & Buckets (4535)**—A fun, more effective way to teach kids math. It's a fun math learning game!

**World (4537)**—A fascinating electronic globe/database at your fingertips. **CGA**

**Puzzle Search (4538)**—An educational game with questions on American history, world history, and geography.

**Balloon Speller (4541)**—An introduction to spelling for children. Games to make learning fun for pre-schoolers. **CGA**

**The Presidents (4542, 4543)**—A very comprehensive tutor and quiz of the presidents and their terms. (2 Disks)

**Flags of the World (4544)**—See and learn the flags of 115 countries. This great program even plays the national anthem of several of the countries. **CGA**

**Typing Tutor (4550)**—Quickly improve your typing skills and speed with this friendly typing teacher. **CGA**

**Play 'n' Learn (4555)**—A set of six learning games for pre-schoolers. **CGA**

**Lotus Learning System (4556, 4557)**—A very complete package that makes Lotus 1-2-3 easier to use. (2 Disks)

**DOS-a-matic (4559)**—A menu-driven program that makes using DOS easy!

**PC-Professor (4560)**—An easy to use programming tutorial which teaches you to write or modify BASIC programs.

**Computer Tutor (4562)**—If you are a new user or computer novice, THIS IS WHAT YOU NEED! Learn in a fun, pressure-free environment. Highly recommended!

## UTILITIES

**Masterkeys (4300)**—Like the popular Norton Disk Utilities, only better!

**SimCGA (4305)**—Utilities which allow you to run many programs that require CGA on your monochrome system.

**Grabber (4342)**—A memory-resident program that will save to disk any screen image. You can then run a slide-show of saved images. **CGA**

**PC-DeskTeam (4375)**—Large collection of Sidekick-like desktop accessories (clock, calendar, phone book, etc.)

**Master Menu (4386)**—Puts all the programs on your hard disk onto an auto-booting, one-touch selection menu.

**Q-Modem SST (4715-4717)**—A modem telecommunications package which is powerful and versatile. (3 Disks)

## GRAPHICS/PRINTING

**Epson Utilities (4333, 4334)**—A set of fonts and utilities to enhance your printer's print quality. (2 Disks)

**LaserJet II Fonts (4335, 4336)**—Several new soft fonts for the HP-LaserJet II and compatible printers. (2 Disks)

**City Desk (4340)**—A simple desktop publishing program for newsletters.

**Charts Unlimited (4343)**—A fantastic design tool for creating almost any type of chart, schematic or diagram. Excellent printing capabilities. **CGA**

**PC-Draft (4344, 4345)**—A high-quality drawing/painting program. (2 Disks) **CGA**

**Express Graph (4161)**—Turns raw data into great graphs and charts. A picture is worth a thousand words!

**Insta-Calendar (4835)**—This calendar design tool and printer is easy to use.

**Banner Maker (4801)**—Make banners of various styles and sizes. Requires an Epson or compatible printer.



### FREE Disk Holder

In addition to your FREE disk drive cleaning kit with your order of 20 or more disks from this ad, receive your choice of a 5 1/4" (holds 75 disks) or 3 1/2" (holds 40 disks) disk holder, FREE! (a \$12.95 value!). Additional disk holders may be purchased for a special price of only \$9.95 each. (Limit one free holder per order.)

**PC-Key Draw (4391-4394)**—Powerful CAD design software system. Works w/keyboard or mouse. (4 Disks) **HD**

**PrintShop Graphics (4397)**—A large collection of PrintShop clip art.

**PrintMaster Graphics (4398)**—Lots of clip art for PrintMaster users.

**On-Side (4387)**—Prints your spreadsheets (or anything) sideways!

## RELIGION/BIBLE

**BIBLE-Q (4552)**—Test your Biblical IQ! A very fun to play *BIBLE* knowledge quiz.

**Church dBASE (4812)**—Automates membership record keeping for church congregations and other organizations.

**SeedMaster (4837-4849)**—The complete King James *BIBLE* on disk! Allows quick access to any word, phrase, topic. Requires hard disk. (13 Disks) **HD**

## MISC. APPLICATIONS

**ELISA (4805)**—Let the famous computer psychiatrist analyze you. It's fun!

**Lotto! (4823)**—Complete system for most states' lotteries. (Requires printer)

**Biorhythm (4826)**—Generates a chart for any month and prints the results.

**The Diet Disk (4827)**—Provides the tools for successful weight loss.

**Astrology (4831)**—Let the computer tell you what lies ahead in your stars!

**Baseball Cards (4859)**—A custom baseball card inventory database program for collectors and baseball card stores.

**PC-Musician (4900)**—Compose, record, and play back music on your computer.

**Piano Man (4902)**—Record, edit, and then play back your favorite tunes. Also lets you turn your computer's keyboard into a musical instrument!

## GAMES

**Striker (4400)**—Arcade helicopter attack game. Bomb and shoot enemy targets. **(CGA—Will not work with EGA/VGA)**

**Q-Bert (4403)**—Play the famous arcade hit on your computer. **CGA**

**Backgammon (4404)**—Play against a challenging computer opponent. **CGA**

**Monopoly (4405)**—Really fun! Great color graphics and sound. **CGA**

**JetSet (4407)**—A jet flight simulator that teaches airplane navigation.

**Programs as low as \$1.49 per disk!**

**TRON (4409)**—Race your lightcycle but don't hit your opponent's trail! **CGA**

**Bridge Pal (4412)**—Play bridge anytime! Includes a bridge tutorial.

**18-Hole Miniature Golf (4414)**—Kids really love this one! **CGA**

**Baseball (4415)**—Pick your team and swing for the fences! A game of baseball strategy and arcade play. **CGA**

**D & D (4418)**—Immerse yourself in the ultimate adventure, anytime!

**AdventureWare (4420)**—Five challenging text adventure games sure to keep you intrigued for several enjoyable hours.

**PAC-MAN & More! (4421)**—Several really fun arcade hits. **CGA**

**Wheel of Misfortune (4422)**—A really fun version of the popular TV show.

**Master the Market (4425)**—A challenging stock market simulation game. More realistic and all-around better play than the popular "Millionaire" game.

**Kid Games (4426)**—A set of educational games for kids 2-7 years. **CGA**

**Ed's Chess (4427)**—Challenge a tough computer opponent. Beats the expensive games like ChessMaster 2000!

**Solitaire (4428)**—The computer deals and makes sure you don't cheat. **CGA**

**Super Pinball (4429)**—A collection of five great video pinball games. **CGA**



# Software - And MORE!

**Video Poker/Ultima21 (4435)**—The very best poker and blackjack games.

**RISK (4436)**—For all of us who love this great board game. Conquer the world. (CGA—Will not work with EGA/VGA)

## COLOR DISKETTES

We now use these excellent, brand-name, color diskettes for all our duplication. (One more way that SE! stands apart from the competition—which uses second-rate, black generic diskettes)



## COLOR DISKETTES!



as low as \$ .39 ea.

### Brand-Name Diskettes

(Bulk priced for tremendous savings for you!)

5 1/4" DS/DD	10	25	50	100	500
BASF (Black)	.55	.49	.45	.39	.35
KAO (Colors)	.59	.55	.49	.45	.39
(Include disk sleeves)					
3 1/2" DS/DD	10	25	50	100	500
KAO	1.05	.99	.95	.89	.85
SONY	1.20	1.10	1.05	.99	.95

All blank disks come with disk labels for your convenience. Pre-formatting available—call for details..

## SPECIAL!



Microsoft-compatible mouse w/mouse driver, Dr. Halo III (painting/drawing software), and mouse pad!

Only \$59.95 complete!

## PRINTER RIBBONS

Call us for the lowest prices on ribbons for your printer.

## COMPUTER PAPER

500 Sheets	\$ 7.95
1000 Sheets	13.95
2500 Sheets	30.95

Programs as low as \$1.49 per disk!

## Why Choose Software Excitement?

That's easy! Only SE! offers the best quality Shareware\* and Public Domain Software at prices this low, with same-day shipping, easy to use menus on almost every disk, a money-back guarantee to ensure your satisfaction, technical support, free accessories with your quantity orders, toll-free order lines, brand name color diskettes, and SO MUCH MORE!

\*Shareware is the future of software marketing! Shareware allows you to use a great, commercial quality (or better) program. If you find that the Shareware program fits your needs, registering directly with the program's author brings many benefits which may include free phone support, a printed manual, and program updates. Shareware is exciting!

## For Our Customers Who Need 3 1/2" Disks

If you need the 3 1/2" disk size, we have good news for you! 3 1/2" disks are only 50¢ extra! (Others charge \$1.00 extra or more!)

# Call Today 1-800-444-5457

CMP12

## ORDER FORM

Complete and clip for mail orders. Please list program disk numbers below: (Please list blank diskettes and other items on a separate sheet—include quantity, complete description, and price).

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Name \_\_\_\_\_ Program Disks Ordered: \_\_\_\_\_ x \$ \_\_\_\_\_ \$  
 Address \_\_\_\_\_ (see price chart)  
 City/State/Zip \_\_\_\_\_ Need 3 1/2" disks? \_\_\_\_\_  
 Phone (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Add 50¢ ea. per disk \$ \_\_\_\_\_  
 Other Items Ordered:  
 Blank Diskettes Ordered \$ \_\_\_\_\_  
 Other Items Ordered \$ \_\_\_\_\_  
 Packing/Handling Charge \$3.00  
 Payment Method:  
 Check/Money Order  COD  
 VISA/MC Expires \_\_\_\_/\_\_\_\_/\_\_\_\_  
 # \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_  
 Signature \_\_\_\_\_ SHIPPING:  
 (see Order/Shipping Info)  
 Add'l shipping (if any) \$ \_\_\_\_\_  
 UPS 2nd Day Air (Optional) \$ \_\_\_\_\_  
 TOTAL \$ \_\_\_\_\_

1-800-444-5457

FREE Catalog with order or request  
 Call for FREE IBM PC, Mac, Amiga, C64 or Apple Catalog  
 Send to: **Software Excitement!, Inc.**  
 6475 Crater Lake Hwy. • P.O. Box 3072 • Central Point, OR 97502-0003

## Price Chart

Disks Ordered	Price per Disk
1-4	\$2.99
5-9	2.49
10-14	2.25
15-24	1.95
25-49	1.75
50+	1.49

Remember to count each disk in the multiple disk sets and to add 50¢ per disk if you need the 3 1/2" size.

## Order/Shipping Info

There is a \$3.00 handling/packaging charge per order. All items shipped anywhere in the continental U.S. for no additional charge (Canada add \$2, other foreign add \$4—AK, HI, PR please call if ordering blank disks or paper). COD available \$4 extra (U.S. only). Sorry, we cannot send blank disks or computer paper outside the U.S. and Canada.

UPS 2nd Day Air is available anywhere in the continental U.S. Add an additional \$3 for this delivery service (Blank disks—add \$3 plus 4¢ per disk. Paper—2nd Day Air not available without prior arrangement—please call).

## EGA GAMES

(Requires an EGA or VGA system)

**Bass Tour (4447)**—An amazing game with excellent graphics. Fish your choice of lakes. Very realistic! EGA

**EGA Football (4480)**—You call the plays and control the key players. EGA

**EGA Trek (4481)**—You command the Starship Enterprise in this, the ULTIMATE Star Trek adventure. EGA

**EGA Golf (4482)**—A challenging golf game with beautiful graphics. EGA

**EGA Arcade Hits (4483)**—EGA versions of Breakout and Asteroids. EGA

**EGA Risk (4484)**—Enjoy the great color graphics as you settle for nothing less than total world domination! EGA

CGA = Requires Color System  
 HD = Requires Hard Drive  
 512K = Requires min. 512K RAM

VISA

# 1-800-444-5457

MasterCard



# LycO Computer

## Marketing &

## Consultants

Since 1981

Air orders processed within 24 hours.

**star**  
Office Automation  
**NX-1000**



- Standard parallel interface
- High speed draft printing
- High resolution NLQ text and graphics
- Four built-in fonts
- Paper parking

**\$149<sup>95</sup>\***

\* With cable purchase

**Panasonic**  
Office Automation

**KX-P 1124**

- 24 pin print head • 192 cps (draft) • letter quality text at 63 cps • push/pull tractor, 5 resident print fonts, parallel centronics interface and a standard 6K buffer

**\$288<sup>95</sup>**

**brother**

**HL8e**  
Laser Printer



- A print speed of 8 pages per minute • ideal for business correspondence, multi page documents, spreadsheets and graphics

**\$1799<sup>95</sup>**

### Panasonic

1180	\$169.95
1191	\$218.95
1124	\$288.95
1592	\$379.95
1595	\$429.95
1524 24 pin	\$527.95
4450 Laser	\$1339.95*

\* Quantities Limited

### Brother

M1709	\$345.95
M1724L	\$519.95
HR20	\$319.95
HR40	\$539.95
HR60	\$625.95
1809	\$349.95
1824L	\$469.95
HL8e (Post Script)	\$CALL
HL8e	\$1799.95

### PRINTERS

#### Epson

LX-810	\$184.95
LO-510	\$319.95
FX-850	\$339.95
FX-1050	\$449.95
LO-850	\$524.95
LO-950	\$524.95
LO-1050	\$719.95
LO-2550	\$909.95

Printer ribbons, cables, and connections available for all applications

#### Star

NX-1000 Series II	\$179.95
NX-1000	\$149.95*
NX-1000 Color	\$209.95
NX-1000C-64	\$159.95
NX-1000C-64 Color	\$209.95
NX-2400	\$274.95
XR-1000	\$329.95
XR-1500	\$419.95
XB-24-10	\$419.95
XB-24-15	\$549.95
Laser8	\$1729.95

\* with cable purchase

#### Citizen

120 D	\$138.95
120 D Serial	\$164.95
180 D	\$154.95
HSP-500	\$315.95
HSP-550	\$445.95
Premiere 35	\$499.95
Tribute 124	\$382.95
Tribute 224	\$559.95
GSX-140	\$319.95

We carry the accessories for many printers. Please Call.

### Okidata

Okimate 20w/cart	\$194.95
172	\$195.95
182 Turbo	\$229.95
183	\$219.95
320	\$335.95
321	\$464.95
391	\$463.95
393	\$989.95
Laser6	\$1349.95

### Toshiba

P311	\$389.95
321 SL	\$499.95
351 SX 400 cps	\$999.95

### IBM SOFTWARE

Activision:	
Beyond Zork	\$28.95
Champ. Baseball	\$9.95
GFL Football	\$22.95
Championship Golf	\$9.95
Leather Goddess	\$9.95
Zork I	\$9.95
Zork Trilogy	\$28.95
Might & Magic	\$28.95
Maniac Mansion	\$25.95
Last Ninja	\$25.95
Broderbund:	
Ancient Art of War	\$25.95
Ancient Art of War	\$25.95
At Sea	\$25.95
Printshop	\$32.95

Printshop Comp	\$28.95
Graphic Library/Illea	\$19.95
Carmen SanDiegoEu.	\$25.95
Electronic Arts:	
Alien Fires	\$25.95
Hunt for Red Oct.	\$30.95
Pegasus	\$25.95
Starflight	\$32.95
Epyx:	
California Games	\$22.95
World's Greatest	
Baseball	\$11.95
Death Sword	\$11.95
Impossible Mission 2	\$22.95
LA Crackdown	\$27.95
Print Magic	\$33.95

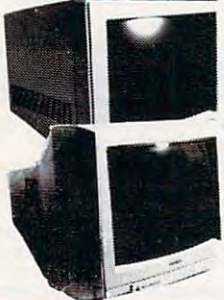
Rad Warrior	\$13.95
Str. Sport Baseball	\$22.95
Winter Games	\$11.95
Str. Sport Basketball	\$22.95
Firebird:	
Starglider	\$16.95
Elite	\$25.95
Jinxter	\$22.95
Microleague:	
Microleague Bsbll	\$22.95
General Manager	\$16.95
Stat Disk	\$13.95
Microprose:	
Conflict in Vietnam	\$22.95
Crusade in Europe	\$22.95
F-15 Strike Eagle	\$22.95

Silent Service	\$22.95
Gunship	\$27.95
Pirates	\$22.95
Origin:	
Moebius	\$22.95
Ultima I	\$22.95
Ultima III	\$22.95
Ultima IV	\$33.95
Ultima V	\$33.95
Strategic Simulations:	
Wizard's Crown	\$25.95
Kampfgruppe	\$36.95
Geltysburg	\$36.95
Phantasie	\$25.95
Phantasie III	\$25.95
Shiloh	\$25.95

Wargame Constr.	\$25.95
Questron II	\$29.95
Sublogic:	
Flight Simulator	\$34.95
Scenery Disks	\$CALL
Timeworks:	
Data Manager PC	\$22.95
Partner PC	\$22.95
Publish It	\$99.95
PC Quintet	\$49.95
Swiftcalc PC	\$27.95
Word Writer PC	\$27.95
Unison World:	
Print Master	\$29.95
NewsMaster II	\$39.95
Art Gallery 1 or 2	\$14.95

\*\*\* Apple and Commodore titles also available. Please call for pricing. \*\*\*

### GoldStar 2105 A



- 12" amber display
- 640h x 200v
- IBM and Commodore compatible

**\$69<sup>95</sup>**

### MAGNAVOX CM8762

- 640h x 240v
- Green text display
- Built-in tilt stand
- Interface cables included

**\$235<sup>95</sup>**

### Amiga 500 Fasttrak Hard Drive by XTEC

- For Amiga 500
- 40 MB
- SCSI
- One Year Warranty
- Installation Kit Included

**\$879<sup>95</sup>**

\* Call for Accessories  
\* FCC Certified

### MONITORS

Magnavox:	
BM7652 Monochrome Composite	\$84.95
BM7622 Monochrome Composite	\$84.95
7BM623 TTL	\$89.95
CM8702 Color Composite	\$189.95
CM8762 RGB	\$235.95
8CM-515 RGB	\$259.95
9CM-043 EGA	\$299.95
9CM-053 EGA	\$329.95
9CM-082 VGA	\$399.95

### GoldStar:

2105 A Composite	\$69.95
1410 CGA14"	\$199.95
1420 EGA 14"	\$314.95
1430 VGA 14"	\$359.95
1440 Superscan	\$449.95

### Avatec:

1200c	\$64.95
1200hc	\$89.95
2400	\$129.95

### Everex:

Evercom 12 (INT)	\$54.95
Evercom 24 (INT)	\$124.95
Evercom 24 + MNP	\$139.95
Evercom 24E + MNP	\$179.95

### Cardinal:

MB2400EX EXT	\$109.95
MB2450 INT	\$89.95
MB1200EX EXT	\$69.95
MB1250 INT	\$55.95
Flashlink MNP (software)	\$39.95

### COMMODORE HARDWARE

64C Computer	\$129.95
C 128 D computer Drive	\$418.95
1541 II Disk Drive	\$174.95
1084 Monitor	\$279.95
1764 RAM C64	\$109.95
Excel FSD-2 + C64 Drive	\$138.95
1670 Modem	\$59.95

### Cardinal MB2400EX External Modem

- Low error data transmission and reception over standard dial-up telephone lines
- Hayes compatible with the universally-accepted AT command set
- Automatic Data Standard and Speed Adjust features

**\$109<sup>95</sup>**

### EVEREX Evercom 24 Internal modem

- Compatible with Bell, CCITT, and the Hayes Command set
- BitCom offers advanced features for the experienced user

**\$124<sup>95</sup>**



### TOSHIBA 3.5 Floppy Drive

- IBM PC XT/AT Compatible • 720 K • 3.5" DSDD • Universal Installation Kit Included • Full Manufacturers Warranty

**\$69<sup>95</sup>**

See complete listings under Toshiba Drives.

**1-800-233-8760**

*Price Guarantee*  
Since 1981 we have led the industry by continuing to offer the lowest national prices while providing quality service. Many companies have come and gone trying to imitate our quality and service. If by some oversight we do not have the lowest prices advertised on the products we sell, we will refund the difference.

**www.commodore.ca**



The Best Selection... The Best Prices... For You!

**LASER**

**128EX**

The Laser 128EX Apple compatible has all the features of the popular Laser 128, plus **MORE MEMORY, MOR SPEED, AND MORE EXPANDABILITY.** The Laser 128EX runs Apple IIe and IIc software at speeds never before achieved.



**\$419<sup>95</sup>**

FCC Class B Approved  
\*\* Call for system specials \*\*

**LASER 286/2**



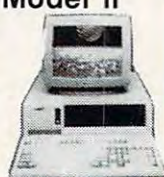
Here's the proof that power does not have to be expensive. The Laser 286/2 computer is twice as fast as the original IBM PC/AT. Its IBM compatibility gives you access to the widest selection of business software available. Yet, the Laser 286/2 is affordable enough for even the most modest home office.

**\$749<sup>95</sup>**

FCC Class B Approved

**LASER Turbo Model II**

The Laser Turbo provides everything you expect plus such standard features as 4.77/10 MHz speed, 102 key enhanced keyboard, security lock and a clock/calendar with battery backup. Lazer's compatibility is guaranteed through a 150W power supply, four accessible drive slots, 8 I/O expansion slots, parallel centronics and RS 232 interfaces, 640K RAM standard. Introduce yourself to the new generation through Lazer's Tur- FCC Class B Approved



**\$599<sup>95</sup>**

Monitor Optional

**Panasonic**  
Choice Automator

**FX-1650**

The Panasonic FX-1650 Business Partner personal computer is the solution to many business needs. Featuring an 8086 CPU running at 4 or 8 Mhz. The 1650 comes with a full 640K of RAM, and one 3 1/2" 720K floppy drive. A one year limited parts and labor warranty for your protection, and the backing of Panasonic, a name you can trust.



**\$579<sup>95</sup>**

FCC Class B Approved

**Osicom Executive 88/10**



The Osicom Executive 88/10 is a powerful, lowcost, 8088-based desktop computer with 10MHz, 1 wait speed and a small footprint that make it an ideal choice for LAN workstations. The basic model comes standard with 640K RAM on the motherboard, a 360KB floppy drive and an enhanced 101-key, AT-style keyboard and many more features.

**\$569<sup>95</sup>**

Monitor Optional  
FCC Class B Approved

**Osicom Executive 286/12**



The Osicom Executive 286/12 is a high performance, 80286-based microcomputer that's the perfect solution for your most demanding computing and networking needs. It features a floppy/hard drive controller, and an EGA controller integrated directly on the motherboard. With 12/6.25MHz switch-selectable speed and 1 wait state, 1MB RAM on the motherboard, 1.2MB floppy drive, the Osicom Executive 286/12 is packed with features for the executive who means business.

**\$1239<sup>95</sup>**

Monitor Optional  
FCC Class B Approved

**ACCESSORIES**

**Joysticks:**

Suncom Tac 2	\$10.95*
Suncom Tac 5	\$12.95*
Epyx 500 XJ	\$13.95*
Boss	\$12.95*
Bathandle	\$17.95*
I Controller	\$12.95*
3-Way	\$19.95*
Suncom Tac 1 - IBM/AP	\$22.95*
Wico IBM/AP	\$25.95*
Kraft KC III AP/PC	\$16.95*
Kraft PCJoystick Card	\$23.95*

**Commodore Printer Interfaces:**

Xetec Jr.	\$35.95
Xetec Supergraphics	\$55.95
Xetec Gold	\$74.95
PPI	\$29.95
MW 350	\$49.95

**Everex Video Cards:**

Everex Evergraphics	\$55.95
Everex MicroEnhancer	\$34.95
Everex MicroEnhancer Df	\$99.95
Everex Viewpoint VGA	\$199.95

**Cardinal Video Cards:**

Cardinal VGA 200	\$159.95
Cardinal VGA 256	\$179.95

**Drive Maintenance:**

5 1/4 Drive Cleaner	\$7.95
3 1/2 Drive Cleaner	\$10.95

**TOSHIBA floppy drives**

5 1/4" 360 KB PC/XT Compatible	\$67.95
3 1/2" 720 KB PC/XT Compatible	\$69.95
3 1/2" 1.44 MB PC/AT Compatible	\$82.95
5 1/4" 1.22 MB PC/AT Compatible	\$82.95

Toshiba disk drives offer you the latest in VLSI technology and low power consumption.

**SEAGATE hard drives**

**5.25" Half Heights:**

ST 225 20Meg		ST 125N 20 meg	
65 MSEC MFM	\$192.95	SCSI	\$274.95
ST 225N 20 meg		ST 138R 30 meg	
SCSI	\$263.95	RLL	\$239.95
ST 238R 30 meg RLL	\$209.95	ST 138N 30 meg	
ST 251+140meg	\$319.95	SCSI	\$305.95
28 MSEC MFM		ST 157R 49 meg	
ST-277R1 85 meg	\$349.95	RLL	\$299.95
28 msec RLL		ST 157N 48 meg	
3.5"		SCSI	\$329.95
ST 125 20 meg	\$225.95	ST125 20 meg	
40 MSEC MFM		Int. Card	\$287.95
		ST157R 49 meg	
		Int. Card	\$369.95

New on the market are Seagate's Paired Solution hard drives. Call for pricing.

Controllers available from Western Digital to DTC. Call for pricing.

**COMMODORE COLT**

The Commodore Colt is a computer with all the built-in features you need. The Colt includes 640K RAM, CGA video support, two 5.25 360K disk drives, serial and parallel ports with three clock speeds. Plus many more Commodore extras. Try the Commodore Colt in your home or office and experience what a difference it will make.



**\$639<sup>95</sup>**

Save \$20 on any monitor of your choice!  
FCC Class B Approved  
Monitor Optional

**VENDEX\* Headstart III**



The Headstart III has a speedy 12 MHz microprocessor, 1MB RAM, both 3.5" and 5.25" disk drives and a hefty 32MB hard drive. Vendex also includes top selling software from Ashton-Tate, Software Toolworks, Timeworks and Microsoft all FREE. There are no hidden extras, no add-on's to add on. The Headstart III is a complete, high performance computer package for your advanced computer needs.

**\$CALL**

FCC Class B Approved Monitor Optional

**Seagate**

**ST138R 30 Meg Internally Mounted Card**

- Premounted on its own Controller Card
- EZ Slot Installation (app. 10 min.)

**\$313<sup>95</sup>**

20-30-49- meg drives available!

**TOSHIBA T-1000 Laptop**

Pick up on the T-1000 and you'll go far. Give yourself desktop PC power wherever you need it. Toshiba's T-1000 includes 512K RAM, one built-in 720KB 3.5" disk drive super-twist LCD display with CGA capability.



**\$639<sup>95</sup>**

T-1200F & T-3200 models are available, please call.

**Toshiba T-1200F Laptop**

The T-1200F is easily customized to your personal work style thanks to 1MB memory, two 3.5" 720K disk drives and a rechargeable battery pack. For further convenience, Toshiba includes MS-DOS 3.3, sidekick and disk cache utility software with your new T-1200F. Put the future in your hands with Toshiba's remarkable T-1200F.



**\$1359<sup>95</sup>**

Toshiba T-3200 model is available, please call.

Why shop at Lyco Computer? Lyco Computer offers quality name brand computer products at prices 30% to 50% below retail. If you do not see the product you want advertised, call Lyco Computer toll free. How do I know I will get the product I need? Our marketing staff receives continuous formal training by our manufacturers. As thousands of people every week capitalize on our savings and services, we hope you too, will make Lyco Computer your first choice. What about warranty or service? Our Customer Service Department is available at (717) 494-1670 to assist you. We back all of our manufacturer's stated warranty terms. Before returning any item that appears to be defective, we ask that you call our Customer Service Department. Will you rush an item to me? We offer next day air, two day air, standard UPS, and postal international shipping services. Temporary shortages are normally filled within 10 days. How do I order? We have always offered C.O.D. orders through UPS. Prepaid cash orders over \$50 are shipped freight-free. Simply send your order to Lyco Computer, P.O. Box 5088, Jersey Shore, PA, 17740. For orders under \$50, please add \$3 for freight. Personal and company checks require a 4 week waiting period. Visa and MasterCard orders are accepted. Please add 4% for credit cards. Purchase orders are accepted from Educational Institutions. We charge sales tax on deliveries in Pennsylvania. For APO, FPO, and international orders, add \$5 plus 3% for priority mail. Prices in this ad reflect cash prices. Advertised prices and availability are subject to change. Not responsible for typographical errors.

Sales: 1-800-233-8760 or 717-494-1030  
Hours: Mon-Fri. 9a.m.-9p.m. Sat. 10a.m. - 6p.m.  
Customer Service: 717-494-1670  
Hours: Mon-Fri. 9a.m.-5p.m.  
Fax: 717-494-1441



**ATTENTION EDUCATIONAL INSTITUTIONS:**

If you are not currently using our educational service program, please call our representatives for details.





# NEW PRODUCTS

M I C K E Y M C L E A N

## Expanded Manager

Peter Norton Computing has announced an expanded version of its DOS manager, *The Norton Commander* (designed to simplify and enhance DOS).

Version 3.0 features expanded file viewers, which allow you to view files in their proper formats without loading the application with which they were created; quick views, which display the list of files in a directory and the contents of a file side by side; and Commander Mail, an automated electronic-mail feature that allows you to send documents with fewer keystrokes. The new version also contains Commander Link, which transfers files between any two PCs via a serial-port connector cable.

*The Norton Commander 3.0* has a suggested retail price of \$149.00. An optional cable to use Commander Link can also be purchased for \$29.95. *Peter Norton Computing, 100 Wilshire Blvd., 9th Floor, Santa Monica, CA 90401-1104*

Circle Reader Service Number 200.

## Graphics Rabbit

The Learning Company has announced that its popular reading program, *Reader Rabbit*, now supports Hercules, CGA, EGA, Tandy 16-color, VGA, and MCGA graphics. The program's additional graphics support illustrates the company's commitment to develop educational software for the IBM PC marketplace.

The program features hard disk installability, the ability to make backup copies, and the inclusion of 3½-



The new *Reader Rabbit* now takes full advantage of advanced graphics cards.

and 5¼-inch disks. The company announced that these features will now be available for its entire line of PC educational products.

*Reader Rabbit* consists of four sequenced games to teach children ages 4-7 the basics of reading, spelling, and vocabulary. It is available for IBM PCs and compatibles and carries a suggested retail price of \$49.95. An Apple II version sells for \$39.95. A talking edition for the Tandy 1000, Macintosh, and Apple IIGS sells for \$59.95.

*The Learning Company, 6493 Kaiser Dr., Fremont, CA 94555*

Circle Reader Service Number 201.

## Hyundai Expands AT Line

Hyundai's Super-286E expands its line of AT computers. This small-footprint computer is 8/12-MHz switchable, with 640K of RAM (expandable to one megabyte). Features include two 8-bit and four 16-bit expansion slots, one serial and one parallel port, a built-in floppy drive controller and clock/calendar, and a 101-key, click-type keyboard. MS-DOS version 3.3, GW-BASIC, and a system diagnostic disk are also included. The Super-286E supports CGA, EGA, and VGA color graphics.

The suggested retail price for the Super-286E with a single 1.2MB floppy drive is \$1,295. The addition of a 30MB hard drive brings the price to \$1,845; a 40MB hard drive, to \$2,045. It's covered by Hyundai's 18-month warranty; the company's S.O.S. on-site service plan is also available.

*Hyundai Electronics America, 166 Baypointe Pkwy., San Jose, CA 95134*

Circle Reader Service Number 202.

## Electronic Payment

MECA Ventures has released version 1.1 of *Andrew Tobias' CheckWrite Plus* with CheckFree electronic payment capability built into the software. *CheckWrite Plus* provides budgeting, loan analysis, cash forecasting, tax planning, back-account

management, accounts payable and receivable, and now electronic bill paying.

CheckFree has been integrated into *CheckWrite Plus* at no extra charge to users. The monthly service charge for CheckFree is \$9 with a nominal fee added for more than 20 transactions.

*Andrew Tobias' CheckWrite Plus* for the IBM PC and compatibles has a suggested retail price of \$49.95. Current registered owners can upgrade to the new version with the CheckFree capability direct from MECA Ventures by calling Customer Sales and Service at (203) 222-9150.

*MECA Ventures, 327 Riverside Ave., Westport, CT 06880*

Circle Reader Service Number 203.

## Take Off with the Blue Angels

Have you ever wished that you could soar with the Navy's Blue Angel squadron? Now you can have that experience with Accolade's *The Blue Angels*.



Fly a tight formation in *The Blue Angels*.

Learn over 25 flying maneuvers in one of four F/A-18 Hornet jets, and then head for the wild blue yonder with three other squadron members. In the training sequence, you begin in a wire-frame flight simulator. Once you learn the ideal flight path of the maneuver, you can practice it from the cockpit perspective and watch your flown path plotted in 3-D against the ideal path. Your final test is in an air show in which you control one of the jets in the formation.

The IBM PC and compatibles



version of *The Blue Angels* has a suggested retail price of \$49.95. The Amiga release sells for \$44.95.

*Accolade*, 550 S. Winchester Blvd., Suite 200, San Jose, CA 95128

Circle Reader Service Number 204.

### Defend Aladda

You're the only child of the late Duke of Aladda, and his legacy is for you to extend Aladda's dominion and sit on the emperor's throne in *Sword of Aragon* from Strategic Simulations.

To grant your father's last request, you must raise and equip an army of bowmen, cavalry, infantry, mages, and priests. You may even have to hire mercenaries, but you'll have limited budgets and resources. Once you've organized your forces, you can lead your army against the demonic rulers of the Eastern Realms while defending Aladda against the plundering raids of Goblin hordes. Strategic and tactical maps aid you in your quest. Your warriors, knights, and rangers are equipped with swords, bows, and lances, while the priests and mages wield magic spells; but it will be your battlefield decisions that determine whether you become the Sword of Aragon.

The game is available for IBM PCs and compatibles, is distributed by Electronic Arts, and retails for \$39.95. *Strategic Simulations*, 675 Almanor Ave., Sunnyvale, CA 94086

Circle Reader Service Number 205.

### Wireless Wonder

nView's Toteboard wireless keyboard is a 100-key, full-function keyboard that uses infrared technology to communicate with your IBM PC or compatible. The battery-powered keyboard is approximately half the size of a conventional keyboard and can be operated with one hand.



The wireless Toteboard uses infrared transmission for PC communications.

A small infrared receiver plugs into the keyboard port and picks up transmissions from Toteboard. The receiver uses a data-verification technique to understand transmissions from wide angles and long or short

distances. An optional serial interface is also available. Other features include the ability to use more than one Toteboard to address a single computer, or one Toteboard to control two computers. A Turbo Rep-rate allows you to select IBM's standard key-repeat speed or an accelerated key repeat.

The suggested retail price of Toteboard is \$495. The keyboard operates on four standard AA batteries. An automatic sleep mode extends battery life for six months to a year.

*nView*, 11835 Canon Blvd., Newport News, VA 23606

Circle Reader Service Number 206.

### Animated Program

Eastridge Technology has introduced *Impel*, an animation program for IBM PCs, PS/2s, and compatibles. You can use the program to make animated business presentations, product demonstrations, and moving displays of graphics and text.

The animation system uses mouse-driven menus and intuitive pick-and-place positioning. Features include a drawing package, proportionally spaced text fonts, film editing and splicing, depth perception, simultaneous movement of different pictures, and a film compiler to speed up finished films. The manual includes a tutorial.

*Impel* supports CGA, EGA, VGA, and MCGA graphics. The complete package, including a reference manual and demonstration disks, retails for \$295. The demonstration disks are also available separately on a 5¼-inch disk for \$10 and a 3½-inch disk for \$15. The disk prices are applicable toward the purchase of the full package.

*Eastridge Technology*, 37 Murray St., New York, NY 10007

Circle Reader Service Number 207.

### It'll Bowl You Over

Bowling-league secretaries around the country will be pleased to know that CDE Software has developed *Bowling League Secretary* to speed up recordkeeping.

After entering individual scores, the program calculates averages, handicaps, and scratch/handicap totals for each individual as well as the entire team. It also maintains statistics on high-scoring games and series for each bowler and a complete bowler history.

The program also generates all the printed weekly reports, which are accepted by the American Bowling

Congress and the Women's International Bowling Congress.

Other features include match-point play; separate handicaps for men, women, boys, and girls; high-average listing; substitute lists sorted by high averages; weekly recap sheets printed on plain paper or three-part continuous forms; and the ability to determine the most improved bowler in your league.

*Bowling League Secretary* is available for IBM PCs and compatibles. The program's suggested retail price is \$74.95.

*CDE Software*, 4017 39th Ave. SW, Seattle, WA 98116

Circle Reader Service Number 208.

### Boca Enters VGA Arena

Boca Research has begun shipping its first VGA board for IBM PCs and compatibles. The board is register-level compatible with the IBM VGA adapter and supports all standard VGA modes. It also provides downward compatibility for EGA, CGA, MDA, and Hercules graphics.

VGA by Boca comes configured with 256K of VRAM and provides a 640 × 480 pixel resolution with 16 simultaneous colors. The board also offers an optional resolution of 320 × 200 with 256 simultaneous colors.

You can choose an 8- or a 16-bit connection; 16-bit slots can relay information from the computer at a faster rate than the 8-bit can. The board also utilizes Chips and Technologies' latest single graphics chip.

The one-step installation requires no jumpers or switches to be set. A diagnostic test program is included to verify proper functioning of the board and attached monitor. The board is backed by a two-year warranty and a 30-day money-back guarantee. The suggested retail price of VGA by Boca is \$345.

*Boca Research*, 6401 Congress Ave., Boca Raton, FL 33487

Circle Reader Service Number 209.

### Nightmares and Aliens

Medalist International has released two new games that may keep you up at night. *Weird Dreams* delves into the subconscious, while *Xenophobe* takes you on a mission of alien extermination. Both games are marketed under Medalist International's Micro-Play label.

In *Weird Dreams* you assume the role of a hospital patient as he undergoes surgery. As the patient's subconscious mind begins to wander, you'll begin to experience dreams where



you'll encounter giant wasps, carnivorous rose bushes, a psychopathic lawn mower, and an evil little girl. Your success at confronting these people and objects and the unusual challenges they provide directly affects the patient's health on the operating table.

*Weird Dreams* is available for the IBM PC and compatibles, the Amiga, and the Atari ST for the suggested retail price of \$39.95. A Commodore 64 version sells for \$29.95. The Amiga, Atari, and 64 versions require a joystick. The PC version supports EGA, CGA, VGA/MCGA, and Tandy graphics.

*Xenophobe* puts you in command of three squads of scientists, soldiers, and others in a battle against alien invaders. From your nine charges you must select the two best personalities to handle each mission. These fighters then face a continuous wave of creatures, each with its own unique way of knocking human attackers out of action. The soldiers can fight with a variety of weapons.

The suggested retail price for the IBM PC version of *Xenophobe* is \$34.95. The Amiga and Atari ST versions each sell for \$39.95, while the

Commodore 64 edition retails for \$29.95. A joystick is required for the Amiga, Atari, and 64 versions of the game. EGA, CGA, Hercules, and Tandy graphics systems are supported by the PC version.

Medalist International's MicroPlay games are marketed by MicroProse.

*MicroProse, 180 Lakefront Dr., Hunt Valley, MD 21030*

Circle Reader Service Number 210.

### Video Digitizer

MFJ Enterprises has released the MFJ-1292 Picture Perfect Video Digitizer for IBM PCs and compatibles. The MFJ-1292 plug-in card and software allows you to connect a camcorder or video camera to your computer and instantly capture digitized video snapshots on floppy or hard disks. The digitized video snapshots can be displayed onscreen or imported into a paint or drawing program.

The software allows you to create pictures in VGA, EGA, CGA, Hercules, or raw data formats. The resolution of the pictures depends on your



**The MFJ-1292 Picture Perfect Video Digitizer instantly captures photographic-quality images on floppy or hard disks.**

graphics card; VGA comes the closest to photographic quality.

The complete package includes a contrast-and-brightness control unit that can be placed near the keyboard for fine-tuning your pictures.

The MFJ-1292 Picture Perfect Video Digitizer's retail price is \$199.95.

*MFJ Enterprises, P.O. Box 494, Mississippi State, MS 39762*

Circle Reader Service Number 211. □

**COMPUTE! Disks  
Make Great  
Stocking Stuffers**

# MEAN 18 JUST GOT MEANER!

## Announcing COMPUTE!'s *Mean 18* Course Disk

Six originally designed, challenging golf courses to add to your *Mean 18* collection. Each course has a unique theme. Play Apple Arbor, a genuine test of strategy; Pines Par 3, a fast-play course for which you'll need all your clubs; City Lakes, where water is your best friend and worst enemy; Island Green, which requires precise distance calculations and deadly accuracy; and much, much more.

*Mean 18 Ultimate Golf* is a trademark and copyright of Accolade, Inc. 1986, 1987, 1988, 1989.

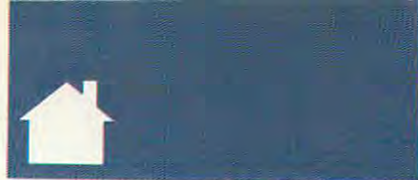
## ORDER NOW!

- ▶ Only \$12.95\* plus \$2.00 postage and handling.
- ▶ Available in IBM 5¼- or 3½-inch formats or in Amiga format.
- ▶ Send your order to GOLF, P.O. Box 5188, Greensboro, North Carolina 27403. Be sure to specify format desired.

\*Residents of New York, Pennsylvania, and North Carolina add appropriate sales tax. All orders must be in U.S. funds drawn on a U.S. bank. MasterCard or VISA accepted for orders over \$20. Include credit-card number and expiration date. For delivery outside the U.S. or Canada, add \$1 for surface mail or \$3 for airmail. Please allow 4-6 weeks for delivery.

[www.commodore.ca](http://www.commodore.ca)





# OFF LINE

D A N G O O K I N

**O**ne of the cigar-chomping bigwigs up there somewhere in IBM's ivory tower goes to sleep with bitter tears each night. He (or she—no he, and a Yale grad) laments the early heydays of IBM's dominance in the personal computer industry, when Compaq was just another clone and when Apple made toy home computers. The days when IBM called the shots. Sniff, sniff.

I know this because those sleepless nights are creating a negative ripple in the psychic fabric of the universe. Every time Shirley MacLaine tries to channel, she picks up HBO. When my weird psychic friend complained, I suggested that we investigate. So we stuck some orthogonal crystals into our ears (just like Spock on Star Trek!) and summoned Modra, her spirit guide. The following is a summary of our astral detective work.

**Saturday, the 23rd.** Behold! (No one really uses that word any more, but it fits the quasi-lunatic vein of this column.) A dream of the past, of the glory days back in 1983. The micro-computer world was holding its breath against the rumors of "the Peanut," IBM's first real home computer. Our slumbering IBM giant was all smiles and giggles about computerdom's greatest event: the introduction of the PCjr.

The PCjr might well have been something, had IBM not forgotten to make it IBM-compatible. Forget the Flash Gordon infrared Chiclet keyboard and the easily broken, nonstandard connectors on the machine's rump. Had it worked, third-party developers would have created other keyboards and connectors. Had the machine taken off, every PC today would have those glorious sound extensions in ROM. Think of it: PCs that could do more than beep like their 20-year-old ancestors; PCs with real imitation PCjr sound.

But back to the dream: The world bought the PCjr and paid homage to

IBM. That Christmas, families posed by the fireplace with the dog and the PCjr. It was a status symbol. Kids with PCjrs at home were earning doctorates by the age of 12. The president of Compaq phoned IBM: "Golly, you guys just have us beat! We're throwing in the towel! Here, take our inventory!"

Unfortunately for our snoring bigwig, the dream ended there. He woke up and stumbled to the refrigerator for some Perrier and Brie.

**Monday, the 25th.** This dream was really odd. Probably due to that extra helping of Haagen Daz before bedtime. It had to do with someone, or something, named Sue. But whether Sue was someone our Big Blue

## BIG BLUE NIGHTS AND DREAMS OF GLORY

dreamer knew or something he wanted to do never became clear. There was some wordplay in the dream about *megahertz*. My psychic friend asked if it was one or two words. I shrugged, and the crystal fell out of my ear, ending our session.

**Thursday, the 28th.** After a rather bland beginning, our snoozing IBM executive finally drifted into REM about 4:00 a.m. He first dreamed about buying all the Mazda Miatas in New York and then crushing them in a giant Whirlpool trash compactor—until he was left with the last one. My psychic friend said it was symbolic of the greed in the computer industry, that the executive was acting out only a childish fantasy of domination. I

said nothing, having dreamed the exact same thing only two nights earlier.

Later in the dream, it was 1987 and the IBM bulldozer was still in charge, paving the way of PC compatibility right into the 1990s. All the top IBM execs proudly watched the PC parade, with all the clone makers goose-stepping to IBM's drum, tossing Big Blue its deserved royalties like flower petals.

The parade was comprised of giant flower-covered floats representing IBM's mainframes. Behind the mainframes, hordes of dancers, each wearing a cardboard PC that resembled those old dancing cigarette boxes from the golden age of television. Each dancer tried to plug into the mainframe float while singing something called "The Connectivity Song."

It was a glorious time for PC owners: Everyone had the same IBM-compatible mouse, and throngs of PC users waved them in the air at the parade, some spinning the mice wildly above their heads and knocking out lamps and the occasional eyetooth.

The killer part of the dream came when IBM announced the PS/2. The computer world fell on its collective kneecaps in homage. IBM stock soared 200,000 points. To celebrate, IBM bought Tokyo.

**Friday, the 29th.** In the final dream we monitored, our hapless IBMer stood in the middle of a misty room. From out of nowhere, Charlie Chaplin waddled over and whacked him with a bamboo cane. The jolt practically snapped our bluetiful dreamer out of his jammies. Charlie hobbled off into the mist, leaving our IBM executive standing there, holding his throbbing ear.

Next, the "M\*A\*S\*H" gang from TV stopped by but was quickly replaced by the cast from "Gilligan's Island." The Skipper walked over to the IBM guy and asked politely, "How do you ever expect us to get off this island?"

The dream ended there, and we haven't monitored any activity since. Just clear and blissful sleep. □





# HOTWARE

## SOFTWARE BESTSELLERS FROM AROUND THE COUNTRY

### HOME LEARNING

#### 1. Mavis Beacon Teaches Typing

Learn to touch-type.

Electronic Arts  
Apple II, Apple IIgs,  
Commodore 64/128, IBM, Macintosh

#### 2. Learning DOS

Learn the ins and outs of DOS.

Microsoft  
IBM

#### 3. Math Blaster Plus!

Teaches basic math concepts.

Davidson & Associates  
Apple II, Apple IIgs, IBM

#### 4. Where in the World Is Carmen Sandiego?

Chase Carmen around the world.

Broderbund  
Amiga, Apple II, Commodore 64/128, IBM,  
Macintosh

#### 5. Where in the USA Is Carmen Sandiego?

The chase moves to the USA.

Broderbund  
Amiga, Apple II, Commodore 64/128, IBM,  
Macintosh

#### 6. Reader Rabbit

Helps children learn to read.

The Learning Company  
Apple II, Commodore 64/128, IBM, Macintosh

#### 7. Children's Writing and Publishing Center

A desktop publisher for kids.

The Learning Company  
Apple II, Apple IIgs, IBM

#### 8. Where in Time Is Carmen Sandiego?

Can you find Carmen in time?

Broderbund  
IBM

#### 9. Think Quick

Children learn problem solving.

The Learning Company  
Apple II, Apple IIgs, IBM

#### 10. Mixed-Up Mother Goose

Kids fix jumbled rhymes.

Sierra  
Amiga, Apple II, Apple IIgs, IBM, Macintosh

### HOME ENTERTAINMENT

#### 1. Flight Simulator

Head for the wild blue yonder.

Microsoft  
IBM, Macintosh

#### 2. The Duel: Test Drive II

Fast-paced car racing.

Accolade  
Amiga, Apple IIgs, Commodore 64/128, IBM,  
Macintosh

#### 3. F-15 Strike Eagle II

Fly the Air Force's hottest fighter.

Electronic Arts  
IBM

#### 4. 688 Attack Sub

Command a prowling sub.

Electronic Arts  
IBM

#### 5. Falcon

Air combat at its best.

Spectrum HoloByte  
Amiga, IBM, Macintosh

#### 6. ChessMaster 2100

Board strategy that isn't boring.

Electronic Arts  
Apple II, Apple IIgs, Commodore 64/128, IBM

#### 7. Tetris

Deceptively addicting falling-block game.

Spectrum HoloByte  
Amiga, Apple IIgs, Commodore 64/128,  
Macintosh

#### 8. Hardball!

Major-league action.

Accolade  
Amiga, Apple II, Apple IIgs, Commodore 64/128,  
IBM, Macintosh

#### 9. TV Game Shows

Compete in some of your favorites.

Share Data  
Apple II, Commodore 64/128, IBM

#### 10. King's Quest IV

Rosella must save her father.

Sierra  
Amiga, Apple II, Apple IIgs, IBM

### HOME PRODUCTIVITY

#### 1. The Print Shop

Make banners and more.

Broderbund  
Apple II, Apple IIgs, IBM; old version—Com-  
modore 64/128, Macintosh

#### 2. Calendar Creator Plus

Create many different calendars.

Power Up  
IBM, Macintosh

#### 3. WillMaker

Get help in writing a will.

Nolo Press  
Apple II, IBM, Macintosh

#### 4. PC PaintBrush IV

Paint in every graphics mode.

Mediagenic  
IBM

#### 5. Resume Kit

Help for landing the right job.

Spinnaker  
IBM

#### 6. PrintMaster Plus

Print posters, stationery, and more.

Unison World  
Amiga, Apple II, Commodore 64/128, IBM

#### 7. Print Magic

Design and print small documents.

Epyx  
Apple II, IBM

#### 8. PC Globe+

Explore world demographics.

Comwell Systems  
IBM

#### 9. Bank Street Writer Plus

Word processing for the whole

family.

Broderbund  
Apple, IBM

#### 10. Dinner at Eight

America's top chefs share their

recipes on your PC.

Rubicon  
IBM, Macintosh



COMPUTE!'s Hotware lists were prepared by Egghead Discount Software and are based on retail sales of Apple II, Macintosh, and IBM software from August 20 through September 16, 1989, at 204 Egghead stores in the United States and Canada.



# COMPUTE!

THE LEADING MAGAZINE OF COMPUTING

## THE LEADING MAGAZINE OF COMPUTING

Subscribe now and save up to 66% OFF  
the \$2.95 cover price.

SAVE UP TO

**66%  
OFF**

Term	Cover Price	Your Price	You Save
24 MONTHS	\$70.80	\$24.00	\$46.80
12 MONTHS	\$35.40	\$12.97	\$22.43

AS LOW AS

**\$1.00**

PER ISSUE

Check one:  2 Years (24 issues - \$24.00)  1 Year (12 issues - \$12.97)

Mr./Mrs./Ms. (circle one)

(please print)

Street

Apt. No.

City

State

Zip

Annual Basic Rate: \$19.94. Outside U.S. add \$6 per year. For all other countries, including Canada, all foreign orders must be in US currency. Price subject to change.

FOR FASTER  
SERVICE CALL:  
1-800-727-6937  
TOLL FREE

Check one:

- Payment enclosed  
 Please bill me later

[www.commodore.ca](http://www.commodore.ca)





NO POSTAGE  
NECESSARY  
IF MAILED  
IN THE  
UNITED STATES

**BUSINESS REPLY MAIL**

FIRST CLASS MAIL PERMIT NO. 112 HARLAN, IA

POSTAGE WILL BE PAID BY ADDRESSEE

**COMPUTE!**

P.O. BOX 3244  
HARLAN, IA 51593-2424



 [www.commodore.ca](http://www.commodore.ca)



# 72% OFF % HOLIDAY COMPATIBLE!

Send holiday cheer all year long—and enjoy huge savings when you send a holiday gift subscription to **COMPUTE!**, the guide to MS-DOS home computing. Your first gift subscription costs only \$11.97. And each additional subscription costs only \$9.97. You save up to 72% off the cover price. So give **COMPUTE!** It's guaranteed to be perfectly compatible with all the computer users on your holiday list.

Return this card — or for faster service call  
**1-800-876-GIFT**



My name is \_\_\_\_\_ Please print

My address is \_\_\_\_\_ Apt.# \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Send gifts of **COMPUTE!** to:

**1** Name \_\_\_\_\_

Address \_\_\_\_\_ Apt.# \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Gift cards will be sent to announce your special gift.

**2** Name \_\_\_\_\_

Address \_\_\_\_\_ Apt.# \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Use separate sheet for additional subscriptions, if necessary.

- Start or renew my own subscription.
- I am enclosing \$ \_\_\_\_\_ for \_\_\_\_\_ subscriptions.
- Bill me after the holidays.

MDS14

**YOUR FIRST GIFT SUBSCRIPTION COSTS JUST \$11.97  
EACH ADDITIONAL SUBSCRIPTION COSTS JUST \$9.97**

The basic subscription rate for **COMPUTE!** is \$19.94.

[www.commodore.ca](http://www.commodore.ca)





NO POSTAGE  
NECESSARY  
IF MAILED  
IN THE  
UNITED STATES

# BUSINESS REPLY MAIL

FIRST CLASS MAIL PERMIT NO. 112 HARLAN, IA

POSTAGE WILL BE PAID BY ADDRESSEE

## COMPUTE!

P.O. BOX 3244  
HARLAN, IA 51593-2424



 [www.commodore.ca](http://www.commodore.ca)



# NEW

## IN THIS ISSUE LOOK FOR COMPUTE!'s DEMO DISK DIRECTORY

# NEW

### Demo Disk Order List

#### ACTIVISION

- A1 Tongue of the Fatman MS-DOS 5¼
- A2 Tongue of the Fatman MS-DOS 3½

#### BRITANICA SOFTWARE

- B1 Archipelagos MS-DOS 5¼
- B2 Archipelagos MS-DOS 3½
- B3 Designasaurus MS-DOS 5¼
- B4 Designasaurus MS-DOS 3½
- B5 Jigsaw! (MCGA/EGA only) MS-DOS 5¼
- B6 Jigsaw! (MCGA/EGA only) MS-DOS 3½

#### DATA EAST

- D1 Heavy Barrel MS-DOS 5¼
- D2 Heavy Barrel MS-DOS 3½
- D3 Super Hang-On MS-DOS 5¼
- D4 Super Hang-On MS-DOS 3½

#### ELECTRONIC ARTS

- E1 Abrams Battle Tank MS-DOS 5¼
- E2 Abrams Battle Tank MS-DOS 3½
- E3 Chuck Yeager 2.0 MS-DOS 5¼
- E4 Chuck Yeager 2.0 MS-DOS 3½
- E5 F-16 Combat Pilot MS-DOS 5¼
- E6 F-16 Combat Pilot MS-DOS 3½
- E7 Keep the Thief MS-DOS 5¼
- E8 Keep the Thief MS-DOS 3½

#### LUCAS FILM

- L1 Indy—The Graphic Adventure MS-DOS 5¼

#### MICROPROSE

- M1 Airborne Ranger MS-DOS 5¼
- M2 Airborne Ranger MS-DOS 3½
- M3 Airborne Ranger Commodore 64
- M4 Dr. Doom's Revenge MS-DOS 5¼
- M5 Dr. Doom's Revenge MS-DOS 3½
- M6 F-19 MS-DOS 5¼
- M7 F-19 MS-DOS 3½
- M8 Gunship MS-DOS 5¼
- M9 Gunship MS-DOS 3½
- M10 Gunship Commodore 64
- M11 Pirates! MS-DOS 5¼
- M12 Pirates! MS-DOS 3½
- M13 Pirates! Commodore 64
- M14 Red Storm Rising MS-DOS 5¼
- M15 Red Storm Rising MS-DOS 3½
- M16 Red Storm Rising Commodore 64

#### ORIGIN

- O1 Times of Lore MS-DOS 5¼
- O2 Times of Lore Apple 5¼
- O3 Times of Lore Commodore 64/128

#### RADIO SHACK

- R1 DeskMate MS-DOS 5¼ CGA
- R2 DeskMate MS-DOS 5¼ VGA
- R3 DeskMate MS-DOS 3½

#### SIERRA ON-LINE

- S1 Colonel's Bequest MS-DOS 5¼
- S2 Colonel's Bequest MS-DOS 3½

#### STRATEGIC SIMULATIONS

- S3 Curse of the Azure Bonds MS-DOS 5¼
- S4 Curse of the Azure Bonds MS-DOS 3½

## How to Order Your Demo Disks

Select the demo disks you wish to receive and check them off on the attached order list. Be sure to order the correct disk format. Enclose \$3.95 (\$4.95 for 3½-inch disks) for each disk ordered and return your payment in this postage-paid envelope.

- 5-Disk Discount: Take \$3.00 off for every 5 disks you order.
- MasterCard or VISA accepted for orders over \$20.00.
- We'll pay the postage and handling.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Disks ordered \_\_\_\_\_ Amount \_\_\_\_\_

Subtotal \$3.00 for every 5 disks \_\_\_\_\_

Subtotal \_\_\_\_\_

Sales Tax\* \_\_\_\_\_

Delivery Outside U.S. or Canada \_\_\_\_\_

Total \_\_\_\_\_

MasterCard or VISA accepted for orders over \$20.00.

Credit Card #: \_\_\_\_\_

Expiration Date: \_\_\_\_\_

Signature: \_\_\_\_\_

\*Residents of New York, Pennsylvania, and North Carolina add appropriate sales tax for your state. All orders must be paid in U.S. funds drawn on a U.S. bank. MasterCard or VISA accepted for orders over \$20.00. Please allow 4-6 weeks for delivery. For delivery outside the U.S. or Canada, add \$1.00 for surface mail or \$3.00 for airmail. Offer expires January 31, 1990.



**NEW**

**IN THIS  
ISSUE  
LOOK FOR  
COMPUTE!'S  
DEMO DISK  
DIRECTORY**

**NEW**



NO POSTAGE  
NECESSARY  
IF MAILED  
IN THE  
UNITED STATES

**BUSINESS REPLY MAIL**

FIRST CLASS PERMIT NO 2312 GREENSBORO, NC

POSTAGE WILL BE PAID BY ADDRESSEE

COMPUTE!'s Demo Disk Pack  
P.O. Box 5188  
Greensboro, NC 27499-2524



 [www.commodore.ca](http://www.commodore.ca)



# COMPUTE!'s FREE Reader Information Service

Use these cards to request FREE information about the products advertised in this issue. Clearly print or type your full name and address. Only one card should be used per person. Circle the numbers that correspond to the key number appearing in the advertisers index.

Send in the card and the advertisers will receive your inquiry. Although every effort is made to insure that only advertisers wishing to provide product information have reader service numbers, COMPUTE! cannot be responsible if advertisers do not provide literature to readers.

Please use these cards *only* for subscribing or for requesting product information. Editorial and customer service inquiries should be addressed to: COMPUTE!, P.O. Box 5406, Greensboro, NC 27403. Check the expiration date on the card to insure proper handling.

**Use these cards and this address only for COMPUTE!'s Reader Information Service. Do not send with payment in any form.**

## COMPUTE!

Name \_\_\_\_\_

Address \_\_\_\_\_

State/Province \_\_\_\_\_ Zip \_\_\_\_\_

Country \_\_\_\_\_ Phone \_\_\_\_\_

- What kind of computer do you own?  IBM PC or compatible  Tandy  Amiga  
 Macintosh  Apple II  Commodore 64/128  
254 265 266 261 262 263
- How long have you owned your computer? \_\_\_\_\_ years \_\_\_\_\_ months  
267 268
- Do you use your computer mostly for  playing games  working at home  
 school work/learning?  
269 270 271
- What part of COMPUTE! do you read first? \_\_\_\_\_  
272
- Do you find COMPUTE!'s new design helpful in finding information you need?  Yes  No  
273 274
- How would you rate the quality of information in this issue of COMPUTE!?  Average  
 Good  Excellent  
275 276 277
- What one topic would you like to see covered in COMPUTE! during the coming year?  
278  
 \_\_\_\_\_  
281 282 283
- What other computer magazines do you read?  PC Computing  COMPUTE!'s Gazette  
 PC Resource  Home Office Computing  COMPUTE!'s PC Magazine  
 Personal Computing  Other \_\_\_\_\_  
284 285 279 280 283
- What is your total household income?  >\$30,000  >\$40,000  >\$50,000  >\$75,000  
286 287 288 289

101	102	103	104	105	106
107	108	109	110	111	112
113	114	115	116	117	118
119	120	121	122	123	124
125	126	127	128	129	130
131	312	133	134	135	136
137	138	139	140	141	142
143	144	145	146	147	148
149	150	151	152	153	154
155	156	157	158	159	160
161	162	163	164	165	166
167	168	169	170	171	172
173	174	175	176	177	178
179	180	181	182	183	184
185	186	187	188	189	190
191	192	193	194	195	196
197	198	199	200	201	202
203	204	205	206	207	208
209	210	211	212	213	214
215	216	217	218	219	220
221	222	223	224	225	226
227	228	229	230	231	232
233	234	235	236	237	238
239	240	241	242	243	244
245	246	247	248	249	250
251	252	253	254	255	256
257	258	259	260		

Expiration Date 1/31/90  
GA1289

Circle 101 for a one-year new subscription to COMPUTE!. You will be billed for \$12.97.

## SUBSCRIBE TO COMPUTE!

- \$12.97 One Year US Subscription  
 \$24.00 Two Year US Subscription

For Fastest Service,  
Call Our **Toll-Free**  
US Order Line  
**800-727-6937**

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

- Payment Enclosed  Bill me

Your subscription will begin with the next available issue. Please allow 4-6 weeks for delivery of first issue. Subscription price subject to change at any time. Outside U.S.A. please add \$6 for each subscription. Basic Rate \$19.97. Excluding Canada, all foreign orders must be in U.S. currency.



Place  
Stamp  
Here

## **COMPUTE! Reader Service**

P.O. Box 2141  
Radnor, PA 19089



NO POSTAGE  
NECESSARY  
IF MAILED  
IN THE  
UNITED STATES

### **BUSINESS REPLY MAIL**

FIRST CLASS MAIL PERMIT NO. 112 HARLAN, IA

POSTAGE WILL BE PAID BY ADDRESSEE



# **COMPUTE!**

P.O. BOX 3244  
HARLAN, IA 51593-2424



**We'd like  
to send you  
two nice things  
for your  
personal computer...**

(see other side)











# The Ad Lib Music Card: Open your ears and blow your mind.



Asteroids are hurtling by. Enemy photons are destroying the rear deflectors. Engines strain as they reach critical mass. Suddenly you hit the retros, loop around, and fire with everything you've got.

And what kind of awesome, breath-taking music is your computer playing? "Bleep, bop, beep." Pretty weak, eh?

We'll listen up. Because now there's the Ad Lib Music Card. It's the digital music synthesizer that's conquering the final frontier of truly realistic game playing—totally ear-blasting sound.

Confront the dark overlord, and Ad Lib's 11-piece orchestra will back you up with gutsy, heart-swelling music. And if you meet

an untimely death, rest assured that Ad Lib's funeral dirge will bring tears to the eyes of your loved ones.

In fact, the Ad Lib sound is so hot, major game developers are now designing dozens of new adventures with special soundtracks just for the Ad Lib Music Card.

Call us at 1-800-463-2686 for the name of your nearest dealer, for more information, and for the ever-growing list of major game titles with spectacular Ad Lib soundtracks.

Add the missing dimension to your games with the Ad Lib Music Card. From a solo to a symphony, Ad Lib's music makes the adventure come alive.



AdLib™

Ad Lib Inc., 50 Staniford Street, Suite 800, Boston, MA 02114. 1-800-463-2686 in U.S. or Canada. 1-418-529-9676 International. Fax: 1-418-529-1159.

## New Compatible Games.

Here are just some of the hottest new computer games designed for use with the Ad Lib Music Card:



Lucasfilm's Indiana Jones and the Last Crusade



MicroProse's F-19 Stealth Fighter



Sierra's King's Quest IV The Perils of Rosella



Activision's Tongue of the Fatman



Omnitrend's Universe 3



Taito's Operation Wolf

System requirements: IBM PC, XT, AT, or compatible with 256K RAM, DOS 2.0 or higher, CGA, EGA, or monochrome graphics adaptor, and headset or external speaker.

Circle Reader Service Number 104

© 1989 Ad Lib. Ad Lib is a registered trademark of Ad Lib Inc. IBM is a registered trademark of International Business Machines Corporation.

[www.commodore.ca](http://www.commodore.ca)



# THIS GAME COULD KILL YOU.



## THE COLONEL'S BEQUEST

Roberta Williams, who brought you the King's Quest series, now takes you back to the 1920's for a spine-tingling murder mystery adventure deep in the bayous of Southern Louisiana! As Laura Bow, young college student, you've been invited to visit the isolated estate of Colonel Henri Dijon.

As the drama unfolds you must evade the dangers that await you as you explore the gloomy estate in an attempt to discover who is murdering the Colonel's guests, and why. Expose the killer before he or she strikes again, and survive the long night ... if you can!

Never before has a plot been so complex, or characters so well developed. The thrill and suspense of **THE COLONEL'S BEQUEST** is unprecedented in 3-D Animated Adventure Games.

Can you solve the mystery of **THE COLONEL'S BEQUEST**? Dare to find out!

Order **THE COLONEL'S BEQUEST** from your local software dealer, or call the Sierra Sales Department toll free at (800) 326-6654. Please have your credit card and other information ready.



**SIERRA**®

SIERRA ON-LINE, INC.

COARSEGOLD, CA 93614

Circle Reader Service Number 164

(200) 683-8080

[www.commodore.com](http://www.commodore.com)