Interface Software Catalogue

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Educational, business
and entertainment software
for IBM PC, Apple II & Microbee

Interface Publications was founded in 1981 by well-known author and columnist
Tim Hartnell, who writes regularly for Your Computer and The Australian.
Interface is one of Australia's leading suppliers
of cut-price software and blank disks.
We're aiming to be number one, so we've released this new catalogue
of really worthwhile software for IBM PC/compatibles, Apple II and Microbee.
A separate catalogue of Macintosh software is available on request.
All IBM/Apple software is provided on 5.25" disks.
Microbee software on 3.5" disks. All disks are non-copy-protected.

FREE SOFTWARE!

You're entitled to a free APDL disk
of your choice for each
$42.00 worth of software!

(See order form on back cover of this catalogue for details)

SCHOOLS: If you need multiple copies of a program, we can help.
Five sets of disks, and one copy of the documentation, for the price of two
complete programs; 10 sets of disks, and two sets of documentation for the
price of three, 15 sets plus three sets of documentation for the price of four,
and so on. Just order on your school's official order form.
Schools currently using Interface software are listed on page 2.
IBM/Microbe

SKILL BUILDERS: SPELLING

A fascinating, interactive program, which helps to teach you, your child, or your entire office how to spell more than 1,000 of the most commonly misspelled words.

• Uses Australian (i.e. English) spelling, rather than American spelling.
• Can be tailored to suit your own needs. Add your own words and sentences. Full source code included on disk
• The challenging and interesting format of the program includes: action services, including LOOK AND SPELL, SPEED DRILL, USING WORDS IN A SENTENCE; and two game-format activities - TANGLED WORDS and ZAP THE WORD.

Detailed manual includes a number of additional activities and games to assist in the development of spelling skills.

• Skill Builders: Spelling is suitable for ages from 4 through 12 years.

A high proportion of successful professional people and students are plagued by an inability to spelling many common words. And this is because they have never understood the rules of spelling (such as they are); have never had the opportunity to learn the exceptions to those rules; and have never been taught how words are built up. It is the triumph of the program that it remedies these deficiencies in a challenging and interactive format. For once, the claim that learning can be fun is true.

$49.95 Available for IBM & Microbe

SKILL BUILDERS: MATHEMATICS I

Students 8 to 13

This software package (and the accompanying manual) is your key to helping your child develop his or her mathematical skills. It concentrates on the following vital areas:

• Addition
• Subtraction
• Multiplication
• Division
• Decimals
• Percentages

Aimed at students from eight to 13 (but very useful for encouraging mathematical reasoning in those older than that, including adults), this software takes a straightforward and clear approach to its task.

There are five levels of tests in each major area. Progress scoring is automatic, and shown on screen. The program uses the student's name, and each test can be repeated as many times as the student requires (or a new one generated by the computer whenever it is wanted). Operating the software is designed to be easy and enjoyable. The choices which are open to you at various times are clearly indicated, so you are never at a loss as to what to do next. Although younger children may need a little assistance the first few times they run the program, you will find they can manage perfectly well after that. Uses positive reinforcement teaching techniques, and gives students a second chance at each item in the test. The program is designed to be used and generate new tests in any of the subject areas, at the student's choice of five levels. This is designed to assist students in building up a mental database of mathematical knowledge, to apply to other mathematical tasks, and to encourage the development of mathematical reasoning.

$39.95 Available for IBM & Microbe

SKILL BUILDERS: MATHEMATICS II

Students 11 to 17; and adult refresher course

The key ingredient of this package is a detailed mathematics review covering the fundamentals of mathematical notation, and arithmetic manipulation, to create a solid base on which further mathematical knowledge can be built. While primarily aimed at middle secondary school students (years 9, 10 and 11), it can be profitably used by secondary students at lower or higher levels, and by adults who wish to review their basic maths before tackling further learning.

A full package is covered in SKILL BUILDERS: MATHEMATICS II. It includes: symbols & notation; basic drill practice in arithmetic and other mathematical operations; and division, proportions, fractions, decimals & percentages; negative numbers; basic algebra (including solving equations), squares, roots.

The program works by introducing a subject on screen, giving one or more worked examples, then sets a few problems designed to test that the material has been understood. The answers to these questions are then given, before proceeding to the next topic. In many cases, the relevant working is also shown. The examples and problems are different each time the program is run, to ensure the student can run through it many times, many times to reinforce the learning.

At the end of the learning material, a complete examination (which, again, is varied, with each time the program is run) is created, to be printed out directly on the printer, in order to test the student's understanding. A set of answers is also produced.

$49.95 Available for IBM & Microbe

TEXTMASTER

Not avail. Microbe - IBM only

An excellent complete touch-typing interactive disk learning pack (with large, detailed text) requires no teaching; and is complete with detailed instructions to teach you how to use your word processor (no master which word processor you have). TextMaster also contains a self-teaching version of the touch-typing program, so you can create your own lessons. The TextMaster package is completed by a simple word processor, allowing you as a teacher in developing your touch-typing and word-processing skills.

The word-processing sections of TextMaster include instructions on all of the following:

Creating, typing, correcting text, formatting, rephrasing; standard letters and merging; practice examples (business letter, price list using tabulation, agenda, paragraph, letter, spreadsheet); providing a text, gimmetry of computer language; and, to complete the package, an instant summary of your word processors commands.

Note that you can also run TextMaster in conjunction with either (or both) the MS-DOS Tutor and the PC BASIC Tutor (described on the next page).

$49.95 IBM only; not available for Microbe
IBM/Microbee

MS-DOS TUTOR

The MS-DOS Tutor is the most successful product we've launched, and feedback from individuals, government offices and schools which are using it is extremely positive.

The MS-DOS Tutor is the proven way to gain mastery of your IBM PC/XT/AT or compatible in just a few hours. Complete with detailed manual and interactive disk, you'll quickly get to grips with all of the DOS features, including hierarchical filing systems, using tree-structured directories, EDLIN (the editor), BAT files to automate your system, redirection, pipes & filters, use of the hard disk, and much, much more! The MS-DOS Tutor includes: Tutorial Disk and detailed manual. Covers DOS 3.2 and 3.1.

Covers all of the following vital subjects:
• GETTING STARTED WITH DOS
Overall view of the operating system; Booting up DOS, entering DOS commands, the DIR command, behaviour of the system after bootup; Formatting a disk, the FORMAT command, options, using VDL to change disk name; Copying DOS, using SYS to transfer the system, VER to check version number
• COPYING FILES AND DISKS
How to use all of the following: DISKCOPY, DISKCOMP, CHKDSK, COPY, COMP, RECOVER, DEL, DATE/TIME, PAUSE, TYPE, REM
• USING FILES
Definition of file types, file names, locating groups of files, creating DOS files, transferring files, copying and verifying files, non-standard DOS files
• HIERARCHICAL FILING SYSTEMS
What they are, directory structures, tree-structured directories, MDIR, PATH, TREE, RMDIR, CIDIR, the file allocation table
• EDLIN, THE EDITOR
Getting started, inserting text, the template, underline editing, cut and paste with the MOVE command, screen graphics and EDLIN, use of the following: COPY, DELETE, INSERT, LIST, PAGE, REPLACE, TRANSFER, WRITE
• REDIRECTION, PIPES AND FILTERS
Redirecting standard input/output, SORT, FIND, MORE, CTY, EXE2BIN, PROMPT, SET, ASSIGN, BREAK
• CONFIGURING YOUR SYSTEM
CONFIGSYS, BRUSHS, BUFFERS, DEVICE, FILES, SHELL, SWITCHAR, ASSIGN, MODE, SET, THE ANSI.SYS driver
• USING YOUR HARD DISK
Preparing the disk for FDISK, organising a hard disk, directory structure, creating subdirectories, backing up a hard disk, RESTORE

$89.95 Available for IBM only

Educational

Tim Hartnell’s Rapid Progress Tutor for BASIC Programming

Now you can learn to program your IBM PC or compatible in BASIC in the quickest possible way. The time you’ve worked through the disk which comes with this package, and the 102-page manual, you’ll be a programming wizard. The PC-Tutor disk also contains a complete library of software to get you underway!

Programs in this library include a database program, a complete spreadsheet, word processor, typing tutor, calendar, two music demonstrators, Rever’s (Odehelo), Packman, PC-Golf, Pong, Animal and more! $49.95 IBM only (see Microbee below)

Special Bonus! Get MS-DOS Tutor, PC-Tutor and TextMaster together at a reduced price!
You can get any two IBM PC tutors for just $84.92 ($70.76 ex. tax); or all three tutors for just $112.39 ($93.66 ex.)

Tim Hartnell’s Rapid Progress Microbee Tutor BASIC Programming

Now you can learn to program your Microbee in Microworld BASIC in the quickest possible way. The time you’ve worked through the disk which comes with this package, and the 102-page manual, you’ll be a programming wizard. Includes game and other programming examples—ready to run! $49.95

MATHEMATICAL DIVERSIONS

A host of incredible discoveries about the paradoxes and peculiarities of maths - to make on your own computer. Now you can use your computer to explore some of the most fascinating realms of mathematics. Through the programs provided with this package, and with the aid of the detailed manual, you’ll become acquainted with subjects such as permutations and combinations, some unusual applications to the laws of probability, mathematical games such as Hex and Tic-Tax, and brain-teasing puzzles including the Tower of Hanoi and Magic Squares. Ideal for use at home, or in school as the basis of maths or computer science lessons.

The manual goes into the background of each discovery, the men who made it and their history, along with ideas for developing other programs and puzzles from the material discussed! You get all of the following with the MATHEMATICAL DIVERSIONS pack: Happy Birthday Probability; The Endless Nine; Simulations; Combinations and Permutations; Astronomical Numbers; A Hex on You; Towering Challenge; Fibonacci Numbers; Magic Squares; The Infinite Prime; Base Conversions; The Exculamatory Fallcy; Beyond Palindrome; Binomials; Pascal and the Triangle; and The Marvellous Matrix

$49.95 Available for IBM & Microbee

EXTENSION COURSE COMPUTER EDUCATION

This course has been written in Australia to meet the needs of upper primary and secondary school teachers who are required to give computer science classes, and for those who are interested in developing their own computer knowledge and skills.

Objectives

The course aims to help teachers develop:
• An understanding of the use of computers in education
• The ability to develop courses in both programming and general 'computer literacy'
• A familiarity with computer terms and concepts
• A detailed understanding of how computers are programmed, concentrating on the BASIC programming language, with an introduction to LOGO

The written material of the course draws on the findings of a number of studies of the impact of computer use in educational settings. IBM PC/compatible and Apple versions run on 3.5" disks; Microbee on 5.25" disks

Course Outline

The course assumes the teacher working through this package will have access to a computer for much of the time. It is very much a 'hands on' course, so the skills developed by using this software can, in due course, be passed on in the classroom.

Topics covered in this course include:
• Overview of computer operation
• Software, its major applications in, and its evaluation for, educational use
• Common reactions to computer use in education
• The five main categories of computer-aided instructions
• Word processing and database programs in the classroom
• Instant' introduction to operating computer for first-time users
• Detailed course in BASIC programming, designed first for the teacher using the course to master, then to act as a possible framework for teaching programming in class
• Alternative programming languages, including an introduction to LOGO
• Suggested course outline for 'computer literacy' course
• Additional topics which can be included in computer science courses
• Detailed reading and reference list, with Australian suppliers of particular books given where applicable

Software provided with the course literature:

IBM PC version: BASIC language, LOGO, Word processor, Database, Spreadsheet, Computer Aided Instruction course builder
Apple II version: Word processor, Database, Spreadsheet, Art Design, Student record keeper, Music Maker program

Microbee version: Copy of the Rapid Progress Tutor for BASIC Programming, plus manual (see page 4 of this catalogue for details); disk of solutions for all 100 programming problems

These disks can be freely copied by students for school use.

The complete course, with all the course material described above, is available for $175.00. Five sets of disks and one copy of the documentation is available for the price of two complete programs (and additional disk sets can be for different computers); 10 sets of disks and two sets of documentation for the price of three, 15 sets plus three sets of documentation for the price of four, and so on. Just use your school's official order form and order 'Computer Education Extension Course'
IBM/Microbee - Educational

DISCOVERIES AND DIVERSIONS IN SCIENCE

(available for Microbee, Apple II and for IBM PC compatibles, inc. Amstrad PC)

Now teachers and students can explore, learn about, and understand many fascinating areas of scientific and mathematical discovery. Each program listed below comes with this software package, and is complete with a detailed history of its background, its discoverer, and the application of the discovery in our world today. With the aid of the computer, you can roam through the recent history of scientific discovery, from the laws which govern planetary motion, through weather prediction, to demonstrations of 'machine intelligence'. Ideal for use in science, computer science and mathematics lessons, and for the individual who would just like to know more about scientific progress and discoveries.

The software package Discoveries and Diversions in Science - consisting of software disk plus detailed printed manual - contains programs and background information on all of the following:

Astronomy - Design your own solar system; Comets; Mercury; Venus

Probability - Pascal's pinball probability machine; The normal distribution & dice

Machine Intelligence - A program which learns: Robots and robot vision;

The creative computer, writing music and poetry

Chemistry - Interactive version of the Periodic Table, plus detailed history of its evolution

Light - Replicate Young's double-slit experiment demonstrating interference patterns for light

Mathematics - Conic sections, the ellipse, parabola and hyperbola, plotting other algebraic functions; The abacus; Deductive reasoning and 'flipper'; Mean, median and mode; Determining the value of PI; Base conversion; Trigonometric functions; Evaluating polynomials; Geometry and its contents; Log to any base

matter - Investigate the links between length of sides, surface area and volume of rectangular objects; How low can you go (absolute zero); N-particle, the gravitational attraction between two or more masses

Social Awareness - Population growth and extrapolation; Imitation life; Simulation, controlling a closed environment; Life expectancy; Testing blood alcohol levels

Discoveries and Diversions in Science is just $69.95 and is supplied on 5.25" disk for Apple II or IBM PC-compatible; 3.5" disk for Microbee.

(The IBM PC version also contains a copy of BASIC so the programs can be run on all compatible computers, including the Amstrad PC's.)
For the Amstrad PC!
The Amstrad PC Companion

Yes, now you can explore your Amstrad PC (IBM compatible), with our incredible new software package - disk plus detailed, illustrated manual - THE AMSTRAD PC COMPANION! Created by Tim Hartnell, THE AMSTRAD PC COMPANION contains 40 programs to ensure you and your Amstrad have a lot of discoveries to make in the coming months.

Here's what you get with the COMPANION:

- Exploration and Entertainment: A host of games, all written in BASIC2, so you can learn tricks and techniques to apply in your own programs. Tree-Pin Bowling, Dominances, Perpetual Calendar, Draughts, Tarot Cards, Gornoki and more!

- Four machine-code programs: Detective Q, Space Invaders, Osello, Checkers

- Making the most of GEM Paint: Now you can learn how to create GEM Paint pictures which rival the professionals; includes a number of examples of business documents to copy (including advertisements, letterheads & business cards), plus six GEM Paint images ready to load into your PC.

- Business Programs/Applications: Includes a trend forecaster, personal finance budget program, interest calculator, a program to determine arithmetic progressions, and an index constructor.

- Benchmark tests: Find out how fast your PC is in comparison with other computers (like the PC made by that IBM company)

- Searches, shuffles and sorts: Now you can explore such things as the non-recurring shuffle, bubble, insert and sequential sorts; 9 programs in all

- BasiC2: Discussion of the special features which are yours with BasiC2, along with a swag of ideas to make your programming easier

$49.95 Amstrad PC only

IBM PC/Microbee Games

Tim Hartnell's GIANT BOOK OF COMPUTER GAMES & SECOND GIANT BOOK OF COMPUTER GAMES. These books were best-sellers in the UK, USA and Australia. Now save yourself the trouble of having to type in all the listings with these hi-value software packages. Now available on disk. Two world best-selling books. Get the complete text of each book as a manual, plus programs on disk.
QUITE WONDERFUL...THE VARIETY IS FANTASTIC! PC Magazine, reviewing TIM HARTNELL'S GIANT BOOK OF COMPUTER GAMES.

GIANT BOOK OF COMPUTER GAMES
45 exciting games including ADVENTURE GAMES (battle with the forces of evil, escape from a cave, or search for hidden treasure in STRONGHOLD OF THE DWARVEN LORDS, THE DUKE OF DRAGONFEAR, and THE BANNOCHBURN LEGACY); SIMULATION GAMES (tinker with the fate of an entire planet, or run your own company in MISTRESS OF XENOPHOBIA and CHAIRMAN OF THE BOARD); BRAIN GAMES (race to locate an atom within a CYCLOTRON); ARTIFICIAL INTELLIGENCE games; SPACE GAMES (fight an intergalactic war with alien creatures in HYPERWAR); and many more. Two disks plus manual - $44.95 Available for IBM PC and Microbee.

SECOND GIANT BOOK OF COMPUTER GAMES
50 hot new games including ADVENTURE GAMES (take on the forces of dread or escape from a dungeon labyrinth); SIMULATION GAMES (find out if you would make a good president of the US); ACTION GAMES (speed down a twisting track in HUTT RACE or make the universe safe for mankind in ENGLISH; JUST FOR FUN (encode your secret thoughts or cook up some verse with POLYBIUS CYPHEN and THE PATENTED LIMERRICK MACHINE); PSYCHIC GAMES (gaze into the future with CELTIC TAROT and the BOOK OF CHANGES or chart your bi-rhythms in GOLDEN DAYS); plus many more. Two disks plus manual - $44.95 Available for IBM PC and Microbee.

Microbee

The Signwritter
Create great big advertising signs, along the printer paper. Works with any printer. Add little pictures, and even design your own (on an 8 x 8 grid)! Full instruction manual included.
$29.95 Microbee only

The Winning Edge
If you enjoy investing in the horses, but don't enjoy it when your investment doesn't pay off, you'll welcome this program which is designed to give you a winning edge when it comes to betting. All you have to do is answer the questions the program puts to you, on such things as the number of starters the horse has had, its total purse, whether or not it is being ridden by an apprentice and so on, and the computer will get to work to boil down the whole mass of information to suggest the horse you should back!
$19.95 Microbee only

Astrological Forecaster
Just tell this program your date of birth, and it will print out a complete astrological chart for you, along with a detailed interpretation. Printer required.
$24.95 Microbee only

IBM PC

Paradigm Power Utilities
$39.95 IBM PC only
This new set of utilities for the IBM PC and all compatibles allows you to retrieve deleted files, gives you byte by byte control over your disks, simplifies and speeds up your work with the PC, and much more! Easy to use, with a detailed, printed manual which takes you through each of the utility, step by step.

The major utilities include:
COMEBACK - to retrieve deleted files
MODIFY - to examine and modify your disks, byte by byte
SPOOLER - set up the Paradigm spooler to free your computer for new tasks while the printer bashes away in the background. You decide the size of the spooler, and also how many copies you want. The spooler is extremely easy to use.
PARDISK - full RAMdisk to be your third or fourth drive; size of disk is variable; full installation details provided, including an example of how to use it effectively.
DISKCAT - make a quick, straightforward catalogue of disk contents
LABEL - change or add a volume label to your disks
CHANGER - alter file attributes, marking files as hidden, ready, system or normal
FILEDUMP - allows you to dump a complete file in ASCII format
GCOPY/GDEL - simplifies task of copying or deleting files on your disks
$49.95 IBM PC only

Classic Collection
Twenty-five great games for the Microbee, complete with a printed instruction manual. Includes space games (such as VENUS PROBE and STAR SEARCH); adventures, including DIAMOND JIM and TUNNEL TRENK); board (including GODMEN) and gambling games (such as 21 and ROULETTE), plus four simulators. Just $24.95 Microbee only.

How to Create Games!

Detailed course explaining how you can create and program your own computer games from first principles. Very detailed text explaining how to write games programs using such techniques as move tables, intelligent move-generating algorithms, real-time interactive graphics. Includes more than 25 ready-to-run games programs which are analysed in detail. You'll learn how to program computer versions of 'classic' games such as draughts and noughts and crosses; how to create original computer games from scratch; how to create animated, moving graphic games; how to write and develop computer versions of card games; along with war gaming; dice games; simulations; and maze-based games. Learn the secrets of the professional game designers.
$69.95 Available IBM PC only.
IBM PC - DTP/Entertainment

For just $44.95, you can now get started in desktop publishing. The DESKTOP PUBLISHING KIT includes the acclaimed program CITY DESK DESKTOP PUBLISHER, a program which combines a word processor, with high quality printed output, featuring multiple columns, along with variable type sizes and styles with detailed printed instruction manual, plus a copy of DESKTOP PUBLISHING: THE BOOK (usually $29.95 by itself), plus the two-disk C.A.D. program PC-Key Draw. Great value! Program disks can be freely copied!

Here's what Desktop Publishing magazine said in October 1986 about DESKTOP PUBLISHING: THE BOOK: "The Definitive Tonic on Desktop Downwind has just been published, and it's a ripper. Tim Hartnell's book will put just about everyone you meet to just about getting power over print - and then some more. The 12 chapters cover almost all the how-to's. This 60 page book is set to become an indispensable tool which can be read throughout, or referred to for specific projects...The chapter on newsletters and in-house magazines is particularly useful for budding publishers.

And here's a part of a review which appeared in The Australian Computer Journal, May 1987: "The book contains a lot of practical advice for the potential user of publishing packages...I was delighted to find that it is neither machine nor package specific and the information given is 'must have' for anyone starting with a graphical and design oriented computer. The book passes through chapters in such areas as choosing fonts & layouts, creating advertisements, newsletters, technical manuals & publishing books.

WHOLE KIT IS JUST $44.95!

THE ENTERTAINER

Four machine code games for thinkers on this bargain-priced disk KIDDIE CHEMISTS (attractive board game, single move look-ahead); DETECTIVE Q (solve a murder); OHTELLO (full-screen display, rapid response); and THE MEPHISTO ADVENTURE (classic style text adventure) $18.00

Classics Collection - Volume One

Two of the greatest games from the public domain. CHESS (full hi-res graphics; needs graphics card); BLACKJACK; STAR TRADER; THE BIORHYTHM COMPUTER; SPACE INVADERS; PC ASTROLOGIST; ROULETTE; CASINO; CRAPS; AMAZING MAZES; HYPERWAR; GOMOKU and CONNECT FOUR. Complete with full, on-disk instructions. All this for just $18.00

Classics Collection - Volume Two

Two disk-follow-up to the highly successful Volume One. Many great arcade games. Needs graphics card. Here's what you get: LANDMINE, HEART, HOSTAGES, PARATROOPER, FIRE, QUEEN, ROOK, BOGGERS, PACKGL and POKER on disk A. Disk B contains AIRTRAX, STRIKER, FLIGHTMARE, JUMPJOE, BUGS, REVERSI and more. Max value! All this for just $20.00

Classics Collection - Volume Three

The latest addition to the 'classics collection' range. Contains SNAPE, BABY, ASTEROID, BRICKS, GRIDIRON, HOPPER, DOMINOES, MAZES, SERPENT, KILLER MAZE, ABM2, DROIDS, FYYS and more. All this for just $18.00

The Signwriter

Create great big advertising signs, along the printed paper. Works with any printer. Add little pictures, and even design your own (on a 8 x 8 grid)! Full instruction manual included. Only $29.95

The Interface Adventure Shell $19.95

This disk, which comes with an easy-to-follow installation manual, gives you an easy adventure shell which you can use at the framework for an infinite number of stand-alone, totally original adventures of your own. You can even sell your adventures, without paying any royalties for use of the shell!

The Winning Edge

If you enjoy investing on the horses, but don't enjoy it when your investment doesn't pay off, you'll welcome this program which is designed to give you a 'winning edge' when it comes to betting. All you have to do is answer the questions the program puts to you, on such things as the number of starts the horse has had, its total purse, whether or not it is being ridden by an apprentice and so on, and the computer will get to work to boil down the whole mass of information to suggest the horse you should back! $39.95

Casino Buster!

Here's an exciting and instructive set of programs in which you can use your PC to get an edge on the casino. The package consists of six complete computer simulations, which exactly duplicate casino rules, conditions and odds, along with many, many detailed instructions and playing rules. All this for just $41.95

IBM PC - Public Domain/Shareware

There's a lot of rubbish out there in the public domain. In conjunction with the enthusiastic members of the Australian Public Domain Library, we've culled more than 700 disks to bring you the absolute best; compiled by us into meaningful collections, complete with instructions; and the sweetest, cheapest way to satisfy your needs for quality software.

The programs we offer come from public domain programs written by American, British and Australian authors (including our own Tim Hartnell!), and has been checked and grouped into disks here in Australia. The disks in the Australian Public Domain Library differ from many of those offered by other PD collections here. Many PD disks contain a mixture of gems and junk. We've put many, many months of work into sorting out the gems, and have put them together into disks of related material (rather than using the 'gopher' approach many PD disks represent). The vast majority of the programs we've included here come with documentation on disk, explaining the contents of the disk, and with extensive instructions on how the programs are to be used.

There is a real treasure-house of material here, a real triumph of quality over quantity, with great worthwhile programs over the past seven years and have placed them in the public domain. Some of the material on these disks is 'shareware' or 'user-supported' which means that the creator of the program has asked for a donation (generally between $25 and $75) to be sent directly to the program's author, if the person receiving the program wishes to use it on a regular basis, and therefore thinks the program (and author) deserves such support. User-supported software works on an honour system, and is a way of ensuring that worthwhile software continues to be donated to the public domain. Please play fair.

The Software Essentials

This is a four-disk set, with printed manual, which represents the cream of the crop of business software from the Australian Public Domain Library. This collection has been a consistent best seller since it has been available, and is the software base upon which many small businesses in Australia are run. Programs include all of the following: PC-WRITE, PC-YEARBOOK, LABEL, PC-FILE, BIGCALC, TYPERRITE, PC-DIAL, SETPRIN, CALENDAR, BARCHART, MEMBRAN RAMdisk, S&SPRINT (spooler), PROJECTS, FREECALC, MICRO ACCOUNTING SYSTEM, GENERAL LEDGER and more! All four disks $49.95

Latest additions!

APDL-23 DISK JOCKEY If you want to drive into, and modify, specific sectors and tracks on your disks, this is the program for you, although it should obviously be used with caution. Menu-driven, DISK JOCKEY enables you to choose from such actions as READ NEW DISK, READ NEXT SIDE, VIEW TRACK FORMAT, VIEW/EDIT Sector, OPEN/CLOSE DOSE DISK and COPY CURRENT SIDE. $15.00

APDL-152 GAMEPAK THREE. Value for the serious gamer. Includes PACKGAL with four speed levels from danger to friend; TALKING COMPUTER, now you can teach your PC to burp (true!) or say such useful phrases as 'Ouch!' and 'Beam me up, Scotty'; Michael Bayle's hard to defeat color and b/w version of OHTELLO; and DONKEY KONG WILLY WORM fast-action arcade game with customizable game screens! $15.00.

APDL-147 MAXIREAD Analyse and improve your writing style. $15.00.

APDL-148 HOTCODE Memory-resident program written by the Fabric Shop of Chatswood, NSW. HOTCODE finds Aussie postcodes for you, and even inserts them into your document. A real winner! $15.00.

APDL-149 'LOOKFOR' TEXT SEARCH Now you can search through the largest text file you have to find a word or a word and a punctuation symbol (around a minute to search 5mg of text)! $15.00

APDL-150 CHEMISTRY This educational disk is designed to teach chemical valences, atomic bonding and structures. $15.00.

APDL-151 a/b STUDENT'S WORD PROCESSOR - ESL WRITER Two-disk word processor ideal for student use. Includes help files on such subjects as grammar and punctuation. $25.00 FOR TWO DISKS

APDL-153 HOROSCOPES Now you can calculate, completely accurately, the celestial conditions for your own (or any) birthday, and then print out a horoscope, complete with the sky configurations for that date, along with an astrological reading for the person whose date was entered. Comes complete with BASIC on disk. Needs a printer. $17.00.

APDL-154 TERMINATE AND STAY RESIDENT CREATOR With this program from J.A. Os- man you can create an executable.COM file out of your text file, which can be up to 25 lines of 80 characters each. This snappy program remains in memory, once you have run it, to pop up when you hit the selected keys. One great way to use this disk would be to create a 'help' screen for your own software which pops up on demand and to explain such things as the required commands. $15.00.
NOW YOU CAN MASTER ASSEMBLY LANGUAGE PROGRAMMING WITH OUR NEW DOUBLE-DISK SET!

APDL-146 a/b: If you want to master assembly language programming on the IBM PC, these disks are for you. The set starts with PRIMER.DOC to introduce assembly language to the novice, followed by the complete text of an introductory talk on working with PC Macro Assembly. Next there is AMSGEN.COM by Jack Gersbach, the Assembly Code Generator, complete with on-disk instructions. This value-packed disk continues with a tutorial on the use of the DEBUG.COM program which is virtually a must for assembly language programmers. A cross-reference utility follows, which is designed for those writing long assembler programs, to keep track of where procedures (subroutines) are located and where they are referenced (called). Next the disk contains a ROM/RAM PEEK routine, and HEX converter, to pry into designated ROM and RAM areas and return a decimal value for the location. From James P. Morgan, comes a set of callable assembler subroutines to give you more control over your system, allowing you to access DOS functions which are not supported by the interpreter. Next this value-packed pair of disks include CHASM, which stands for CHeap ASeMBler, the user-supported assembler for those wanting to learn about, and use, assembly language. Programs are converted directly into COM files. Finally, you'll get CHMOD.ASM to change file status (hidden, read-only, normal, system); and COM2DATA.ASM which converts machine language into BASIC DATA statements. Your chance to master assembly language programming on the PC with this two disk set for just $30.00!
IBM PC - Public Domain/Shareware

APDL-113 HARD DISK MENU MASTER Contains AUTOMENU, a complete menu system for hard disk. Good documentation. and easy to use. It also contains HARDMENU2, which has relatively poor documentation, which is compensated for by a very extensive help system. Highly flexible in what this program can be made to do. One user reported to us: "A big plus in HARDMENU2's favor is the password system. I don't know how they did it, but the actual passwords (and you can have up to three levels of password) appear to have been encrypted and/or hidden. I crammed all over the program and related files with all sorts of utility tools looking for them, and was unable to find or identify them." $15.00

APDL-114 THE EZKEY UTILITIES The first program, FAGER, is very useful for people who buy a lot of public domain materials. It will display any ASCII text on the screen, a page at a time. If your computer doesn't have a pause key on it (such as on the Apple II, for instance), it makes it easy to read things on the screen. SUPERDIF enhances the standard DIR command; useful to take the place of utilities such as TXTEE EZKEY is an all-purpose utility that assigns common DOS commands to the function keys, and also saves the last 10 commands issued for recycling, through the use of the arrow keys. Plus LISTER, CLEAN, NEWKEY, WASH KBUFF, HEXCVT, SYSTAT and SDIR, and a selection of other utility programs.$15.00

APDL-115 THE Sd VIGiouS GAC EM4 Pack This disk starts off with ROUND42, a vicious invasion-type game. We've been playing it for months, and haven't got past the fourth phase. Then comes SPACEWAR, a new asteroid-inspiring game. This is follow-up to the original (and addictive, just in case you're in a helicopter). Finally, enjoy AFGHAN WAR, a war game based on the boardgame variety of war games; requires a heap of tactical and strategic thinking.$15.00

APDL-133 NETBACK Now this tackle the world's largest (we think!) dangerous-type adventure game. Are you brave (or dumb) enough to tackle the 25 levels, 150 rooms and seemingly endless corridors as you search for fame, fortune, and a piece in the face? $15.00

APDL-134 HELP! Now this is incredible. Not only do you get a complete (pop-up) DOS guide, but access to the HELP mechanism as well. This means you can now create pop-up user-customized help menus.$15.00

APDL-135 WRITER'S HEAVEN/MEMORY Resident Editor/PROEDIT WRITER'S HEAVEN is a program to enhance the operation of PC-Write (APDL-02) by using PC-Write macros to reassign keystrokes to better suit the needs of touch typists. MEMORY RESIDENT EDITOR is a very small, very useful, pop-up editor. PROEDIT is a cheap, simple word processor, ideal for first-time programmers. It offers basic block operations, search and replace functions, and even has an auxiliary editor which allows copying in external files.$15.00

FONSTASICK!

APDL-125a/b Fontastic is a two-disk gem! It provides a large number of fonts including HELVETICA, LITE-BOLD, ITALICs, NORMAL, SCRIPT, SPECIAL, STRIKEOUT, DARKBOLD and CALIGRAPHIC. This program will print out any ASCII text file which you've prepared on your word processor, using embedded commands. An incredible bargain. $25.00 for two disks

APDL-126 MAROONED AGAIN Lots of fun in this text adventure game - designed for the 'seas/co' type of computer gameplayer. $15.00

APDL-127 PC FROMT Now you'll never forget the right format for entering a DOS command. The right format is shown on the screen as you type the command. Additional help is just a key-press away! $15.00

APDL-128 ORIGAMI What will they think of next? Now you can learn the ancient art of folding paper. Swans, kites, boats, flowers and more. $15.00

APDL-129a/b GENEOLOGY ON DISPLAY. Now you can make sense of your family tree, all the way back from the First Fleet days! Print out your family tree, create descendant charts, parent/child indexes and more! Two-disk set. $25.00

APDL-130 AMY'S FIRST PRIMER. A learning in fun approach, coupled with positive reinforcement, makes this program - six games to teach basic reading skills to 1st-reading child - a delight to use. $15.00

APDL-131 KIDDIE WBNK GAMES Aimed at two to five year olds, this disk contains a straightforward approach to making fun educational, with graphics. $15.00

APDL-132 HERCULES ADAPTOR This handy disk gives owners of Hercules Graphics cards the means to run software written for the IBM Colour Graphics Card. $15.00
IBM PC - Public Domain/Shareware

APDL-136 DISK MAGIC PLUS Here's a stunning utility for troking down everything you ever wanted to know about your disk.

Menu-driven, DISK MAGIC offers you all of the following:
- read any sector on current track
- read next sector in current FAT chain
- edit HEX or ASCII data on screen
- switch modes (standard/non-standard)
- display FAT table from current disk
- display current buffer
- decrement/ increment physical sector number
- read/write current sector

Price: $15.00

APDL-43 HARD DISK UTILITIES This is an extremely worthwhile collection of utilities for the hard disk user, compiled from over 25 disks in the famous PC-SIG library. Tracks on the disk include WRTP (make a read-only file); WRTE (make a read-only file copyable); WHEREIS (find a file anywhere on hard disk); VKIND (look at individual disk sectors); VDF (file deletion utility); UNDO (allows fixed disk users to read back damaged diskettes); UNDEL (recovers erased files); TREAD (make a directory tree); SEARCH (useful as a replacement for DOS path command); SDSIRS (list files by specific types and different formats); READWRIT (read a read-only file back to normal read-write status); DISKSPACE (displays amount of actual free space on hard disk); DN, DS and DX (sort directory by name, size, extension); DISTKN (undeletes and recovers lost first sector); DISKPAK (positions hard disk drive head in a safety zone); plus programs to sort directory, indicate which files have not been backed up, and a utility to change file attributes (hidden, read-only, etc.)

Price: $15.00

APDL-137 LARN'S ADVENTURE Now tackle the ultimate D&D-favoured challenge in Larn's mind-boggling adventure.

Price: $15.00


Price: $15.00

APDL-139 MARTIAL ARTS Now you can pit your skills against wild and trained enemies in the martial arts arena (does not work on the Amstrad PC, but other compatibles are fine.)

Price: $15.00

APDL-140 CHAMPIONSHIP GOLF Now you can tackle Greg Norman on his own turf (green?) in this classic re-creation of world class golf.

Price: $15.00

APDL-141 RUN A RAILROAD Now you can design and run your own multi-track railroad. Lots of fun. Includes many pre-set rail configurations, or create your own.

Price: $15.00

APDL-142 DOS-EDIT "I have found this to be one of the most valuable programs which I have in my library" is the opinion of the PC user who supplied DOS-EDIT to us. This is a simple editor for DOS commands. Uses a special set of keys on the PC keyboard to allow you to edit the DOS command you are entering, or one of the previous commands you have entered. It keeps a command stack of the last 256 characters of commands you've entered and you can scroll back and forth through this stack.

Price: $15.00

IBM PC PROGRAMMER'S TOOLKIT (APDL-143)

This is an incredibly useful collection of programs and routines to assist you in developing programs, and in making the most of your disks. It is supplied with a printed manual. Here's what the TOOLKIT contains:
- AUTODEX - copy, modify, rename and otherwise manipulate contents of your disks
- SECTSAVE - run through a disk, identifying and (if possible) salvaging files
- DISKEDIT - reads files on disk and produces a disk copy
- LABEL - change the label on disk
- CMP - file comparison utility which has the power to detect added or deleted sections of a file, as well as changes. The files to be compared must have the same name and be in the same directory
- CDSEX, MDSEX and RDSEX (go to a 'secret' directory; make such a directory; remove it)
- POKING TXT (text file of locations of information about the hard disk)
- NDOSEDIT (VM-style editor for DOS commands)
- GDEL (menu type selective delete program)
- GCOFY (menu type selective copy program)
- FREE.COM (displays amount of actual free space on hard disk)
- DN, DS and DX (sort directory by name, size, extension)
- DISTKN (undeletes and recovers lost first sector)
- PDAP (positions hard disk drive head in a safety zone)
- plus programs to sort directory, indicate which files have not been backed up, and a utility to change file attributes (hidden, read-only, etc.)

Price: $15.00

APDL-145 COMPASS Six major programs and utilities combined into one program file! Database, word processor, spreadsheet, accounting, calendar, mailing program; plus five major utilities. An extraordinary bargain!

Price: $15.00

APDL-106 GALAXY Here's something else that's special! A very rapid RAM-based word processor, offering the extraordinary range of professional features, yet written so the program is very easy to use.

Price: $15.00

APDL-112 SOFT TOUCH Allows keys and keystroke sequences to be programmed with keystrokes; source file is assembly language; memory-resident

Price: $15.00

APDL-103 BACKGAMMON Full professional implementation. Will test even the strongest players!

Price: $15.00

APDL-105 EXTENDED DOS Host of useful extensions of common DOS commands, and adds additional features top DOS. Even has an on-line help feature. If you've mastered DOS, and now wish it did more, it does!

Price: $15.00

APDL-110 MAIJONG The full game. Requires a colour graphics card

Price: $15.00

APDL-111 COMPOSER A full graphics-based music editor

Price: $15.00

APDL-109 DIGIDRAW / DESIGNER Create art works on your PC with these two programs. DESIGNER is for creating sprites; while DIGIDRAW is a general purpose drawing tool designed to operate on an IBM PC or compatible with the CGA or EGA in hi-res mode. Needs BASIC or GWBASIC $15.00

Price: $15.00

APDL-107 FEELTHY PICTURES Sext and politically undesirable. Needs a graphics card; pictures include Brooke, Carol, Christie, well-endowed Eitia, Madonna, Munchie, Sandra, Steve and Terples. $15.00

Price: $15.00

APDL-94 DBASE TUTOR. Now master dBASE. Needs dBASE to run this tutor.

Price: $15.00

APDL-95 SYMPHONY WORKSHOPS #1 A wide variety of Lotus Symphony workshops, macro aids, setting sheets, technical notes & application add-in programs.

Price: $15.00

APDL-94 1-2-3 MACRO LIBRARY & WORKSHOPS A very valuable collection of Lotus 1-2-3 worksheets, a macro library, plus full documentation.

Price: $15.00

APDL-97 PC-TALK III Here's an upgraded version of the communications program which swept the US.

Price: $15.00

APDL-98 THE INTELLIGENT PALMREADER

Now work out what all those lines and wrinkles mean; easy to follow, includes on-screen pictures of hands so you can easily understand how to give the 'palmreader' all the information it wants.

Price: $15.00

APDL-104 POWER MENU A new environment in which to operate your PC - giving you easy access to any application. If you don't want to get involved in things like sub-directories and the like, let POWER MENU take over all the work. Just select the application you want - with a key stroke - and you're away!

Price: $15.00

APDL-109 FORM LETTERS Sample business letters for everything you're likely to need, from chasing debtors to soliciting orders. Load them directly into your word processor to adapt for your needs.

Price: $15.00

APDL-101 KERMIT The complete PC to mainframe communication system, with full documentation.

Price: $15.00

APDL-102 THE ADVENTURE QUINTET Five smashing text adventures, designed in the form of the original adventure classic, but with screen help facility. Adventures are CRIME, HAUNT, ISLAND, TERROR AND SUB. $15.00

Price: $15.00

APDL-78 POINT OF SALE/INVENTORY Complete P.O.S. & inventory program; includes cash register transaction processing; picking list generation; inventory reporting and more.

Price: $15.00

APDL-79 CWPW Inspired by famous CPM utility SWEEP, this file manipulation utility allows you to carry out many valuable file manipulation routines; especially for heavy floppy disk users.

Price: $15.00

APDL-80 INSTANT RECALL Fascinating index program to keep track of notes, articles and the like in your filing cabinets, disk drawers, computer files, never lose data again. Hold up to 60k of info.

Price: $15.00

APDL-81 EMPIRE - WAR GAME OF THE CENTURY Simulation of a full-scale war between two emperors (you and the computer!) Destrcutivel $15.00

Price: $15.00

APDL-82 AMULET OF YENDOR & D&D type adventure from Amsterdam; extensive game played on twenty levels; many monsters and powerful magic.

Price: $15.00

APDL-83 COMPUTER AIDED INSTRUCTION COURSE BUILDER Creates CAL courses. $15.00 ($15 ex. tax)

Price: $15.00

APDL-94 Full screen DISASSEMBLER Includes V20 and Borland instructions.

Price: $15.00

APDL-109 BRIDGEPAL Your PC takes the place of the bright other players (or two players, with you playing North and South, if your term gets the bid) $15.00

Price: $15.00

APDL-86 STOCKTRADER/MANAGE YOUR MONEY Large stock handling programs, plus STOCK TRADER to manage and maintain selected stocks and their value.

Price: $15.00

APDL-87 CAVEQUEST D&D type game; disk also includes Naval War Simulator & Turtle Graphics.

Price: $15.00
IBM PC - Public Domain/Shareware

APDL-58 MANDELBROT SET IMAGES You can now explore the amazing and beautiful results of graphic numbers from the Mandelbrot Set. Fascinating material. $15.00

APDL-89 CPM 2.2 EMULATION Now you can run CPM disks under PC-DOS! Needs Z-80 card. $15.00

APDL-90 MEMORY RESIDENT UTILITIES CUT/PASTE (anything which appears on the screen can be 'cut out' and saved for later 'pasting' into an application); and NOTEPAD (to jot down notes for later use); we'll also throw in a copy of the wordprocessor FREEWORD with this disk. Great value! $15.00

APDL-91 ALGOL-M Complete ALGOL implementation, including full manual, sample programs, compiler, run-time interpreter HP80 processor required. $15.00

APDL-91 FREECALC Full electronic spreadsheet; designed to be easy for first time users $15.00

APDL-92 PC-WRITE The most famous shareware program in the universe. Fully-functional! $15.00

APDL-93 GAMES 1 Includes 3-DEMONS, BREAKOUT, JETSET, INVASERS, PACKMAN, more! $15.00

APDL-96 PC-FILE Second most famous shareware program in universe. Jim Butts' very popular database file program; easy use is emphasized; for anyone needing an inexpensive filing system $15.00

APDL-98 GAMES 2 Wide range of games, including adventures CASTLE and GHOSTBUSTER, BLACK BOX 4 IN ROW, MASTER MIND, NOUGHTS & CROSSES, BASEBALL, MADAME ZARA $15.00

APDL-14 MOONBEAM A surprisingly popular disk. Contains MOONBEAM which determines the phase, position and illumination of the moon, also PLANETS, which calculates information relating to the position, distance, magnitude and the like for the major planets. Graphics card needed. $15.00

BEST SELLERS! The two top-selling disks from the Australian Public Domain Library are:

APDL-85 GENERAL LEDGER Full general ledger program for small business/individuals; rewritten for Australian use with Australian date format and Australian terminology in documentation: $15.00

APDL-27 ASSEMBLY LANGUAGE TUTORIAL & ROUTINES This disk is your key to mastering assembly language programming on the PC, packed with value, routines, hints & tips: $15.00

APDL-14 PIANOMAN Now make multi-channel music on your PC; packed with examples $15.00

APDL-18a E AMON Two-disk set: to play and create adventures $15.00

APDL-19 THE ORIGINAL CLASSIC CAVE ADVENTURE The program which started it all, with lots of 'hackers' tools to get into the program and modify it to your heart's content $15.00

APDL-20 CHASM Full assemble, useful for those who want to learn about and use assembly language; ideal companion to disk APDL-27 $15.00

APDL-22 EPISTAT v3.0 Very comprehensive set of related statistical routines for manipulating data; files include BASEY, BINOMIAL, CHISQR, CORRELAT, FISHERS, HISTORGRAM, POISSON and more $15.00

APDL-25 THE DATABASE Collection of useful database management programs; full docum. $15.00

APDL-26 PC-DIALY Famous shareware modem communications program which employs a simple & straightforward approach, surpasses many commercial programs $15.00

APDL-28 KID'S WORD PROCESSOR Ideal for up to 10 years, needs graphics card, great fun $15.00

APDL-104 QUANTOIDS Seek and destroy Quantum ships in deepest space! CGA needed. $15.00

APDL-33 FAMILY TREE Now you can keep track of all those black sheep in your family from way back in the First Fleet days. Contains complete family tree tracking program; full instructions: widely used $15.00

APDL-36 FORMS Form-generating program to create business forms (invoice, order, etc.) as needed $15.00

APDL-37 MOVIE DATABASE Full info on over 2000 movies, including stars, directors; awards $15.00

APDL-39 CONSULT THE ZODIAC Know what the stars have in store for you. Contains a serious astrological program, a copious quantity of aspect, star and house information, to do all the calculations, reporting and reaching conclusions for you. This program is not a toy, and makes proper use of astrological information. $15.00

APDL-44/45 FIDO BULLETIN BOARD Set up your own BBS; contains everything you need to get underway, with extensive documentation, works with 2 8088s but hard disk recommended $15.00

APDL-47 WORD PROCESSOR ENHANCER Now you can 'bump' up your WP; add an outline, spelling checker, LQ PRINT (for letter quality print on your matrix printer), word count and more $15.00

APDL-48 pBASE RELATIONAL DATABASE pBASE is a database system designed for programmers in which you manipulate info in the database, and can interrogate it $15.00

APDL-50 TRIVIA PLUS Play that well known trivia game, using the computer; additional games $15.00

APDL-51 BEST OF AKRON USERS GROUP If you're living in mountains of fascinating public domain software (as we do) this collection put together by AUG will keep you happy for days $15.00

APDL-53 PINBALL EXPLOSION Three incredible pinball games; needs graphics card $15.00

APDL-56 PC-STYLE ANALYSE Analyse your writing for readability, ASCH or WordStar files $15.00

APDL-57 SMALL BUSINESS EFFICIENCY PACK MicroAccounting System (ideal if you can just use a cheque register for your accounting needs), Mail List, and Task Plan, a task-planning utility $15.00

APDL-58 RINGY DINGY Powerful, general purpose asynchronous communications program $15.00

APDL-59 PC-CALC Highly acclaimed spreadsheet program from Jim Butts, author of PC-FILE (APDL-06), complete with 696 of instructions and an example file to show PC-CALC in action. The specifications of PC-CALC are very impressive: 26 columns by 255 lines 64 characters per cell numerical precision to 14 places column width from 0 to 75 hard disk compatible on-screen prompts formulae may contain cell references, constants, maths functions or IF/THEN functions, separated by +, *, / $15.00

APDL-62 BOSTON BETA Created by joining 2 disks from Boston Computer Club, contains FINISH (powerful text formatter), RV-EDIT (full-screen editor), 3D.EXE (construct 3d plot of function), DISPLAY (bar charts), GRAPH (plot functions), dramatic graphic displays & more! Graphics card needed. $15.00

APDL-64/65 BBSs for IBM PC. Well-written two-disk package from Capital PC Users Group allows you to set up your PC as a multi-user BBS; full instructions, system disk (disk 1) and source (2) $30.00 ($20.00 ex-tas) $15.00

APDL-65 CHIWRITER Multifont word processor, 10 fonts per line, true 'what you see is what you get' graphics card and dot matrix printer required. Fonts include gothic, italics etc. This is one of the programs provided in the desktop publishing kit. $15.00

APDL-66 MADISON EDUCATION PLUS Series of 13 educational programs, aimed at students in final years of primary school, includes chemistry, biology, improved reading and number skills $15.00

APDL-69 TIPS & TECHNIQUES FOR PC USERS It's just a magazine on disk; with 66 articles for those who really want to know their PCs well; includes Interface BASING and BASIC code, Quick Start DOS; Windowing in BASIC; Using the MORE filter Command. 66 files in all! $15.00

COMPUTER AIDED DESIGN!

APDL-70a/b KEY-DRAY 2-disk set; graphics screen editor and simple CAD system; fully compatible with screens from a variety of graphics programs, can be used to generate control background screens or to combine screens on one page; needs 256K, 2 drives; standard graphics card. $25.00 for two disks

APDL-71 SIDEWRITER Print your text sideways! Needs 128K, Epson compatible or Think $15.00

APDL-144a THE JOHNSON UTILITIES Supplied with a 64-page printed manual, Mark Johnson of California has provided a 'star-catcher cracker of utilities gathered from bulletin boards and public domain collections around the States' to enhance your programming and PC life. This two-disk set includes ANSIS2K, AUTO/DOO, COVER, DESCRIP, FDATE, FREE, HIDE, KNOWN, MEMORY, MORERAM, MOVE2, NUMZAP, PC-DISK, SCREEN SAVER, SDRS0, SETKEY, TREEDIR, TEE, TEXT, TRACE2, UNIQUEQ, VFILE, WHEREIS and Z. Two disks, plus printed manual, $39.95

APDL-72 HOT KEY Professional standard key redifinition program; up to 40 characters per key $15.00

APDL-73a/b/c/d EDUCATIONAL FLASH CARDS Four-disk educational set with 7,500 word vocabulary builder and spelling teacher; aimed at lower years of secondary school $39.00 Four disks.

APDL-74 INFOSPACE Exciting new forms-driven database management system with mailmerge! $15.00

APDL-76 PRESENT v5.1 This fascinating program records and runs a presentation of graphics displays, like a slide show; comes with a library of pictures; needs at least 128K plus colour card $15.00

APDL-77 MONITOR Series of routines which provide a consistent user interface for application development; helps minimize all the drudgery of screen development, menus, titles, prompts and editing input, as the user interacts with your application $15.00
Apple IIc/IIe/II+ - Educational

SKILL BUILDERS: MATHEMATICS 1

Students 8 to 13

This software package (disk plus comprehensive manual) is your key to helping your child develop his or her mathematical skills. It concentrates on the following vital areas:

- Addition
- Subtraction
- Multiplication
- Division
- Fractions
- Decimals
- Percentages

Exploiting Artificial Intelligence

With this software package (printed manual plus disk), you're equipped to explore and discover the power of AI in action. Programs include BLOCKWORLD (give your computer orders in ordinary English), X-SPURT (an expert system ready to train in any subject), SYLLOGY (a program which reasons), and TIC-TAC (a roguish and crosses program which improves as it plays) and more!...

Expert System
Discovery Kit

Now you can explore the fascinating world of Expert Systems. With this software package (disk plus detailed manual), you'll learn about the most successful Expert System programs developed to date, and see how the field has grown over the past decade. You can get your car started in the morning with the AUTO MECHANIC program, and give yourself a quick stress check with MEDIC/PERS...nal CHECKUP. The major program on the disk in this package is called FUZZY RITA, which uses fuzzy logic within the framework of an Expert System shell, which you can adapt and teach so that it becomes a genuinely useful expert on just about any subject you choose. $45.95

Machine Code
ELIZA

A major implementation of the famous ELIZA program, which simulates the conversation of a psychiatrist. The program features an extensive vocabulary, ensuring a wide range of possible responses, and virtually instant reaction to your words. $24.95

The FORTH Tutor

Now, with THE FORTH Tutor (two disks plus manual), you'll soon be well on the way to mastery of this fascinating computer language. Includes a tutorial version of the language, and a complete implementation of Fig FORTH. The detailed manual will lead you step by step to FORTH mastery. All languages have their devotees. Once you've started learning FORTH, you'll understand why few are so passionate as those who support this language. FORTH is incredibly flexible, fast (typically 20 to 30 times faster than BASIC) and very compact (a complete FORTH program on less than 8K). Although FORTH comes with a set of standard words which it understands, these do not impose a limit on the language's future vocabulary. The built-in words can be used to develop your own commands. And these new commands can then be used in the construction of still further commands. This is what makes FORTH fast, powerful and flexible. $39.95

Wake Up Your
Financial Genius

Collection of four 'real world' financial simulation games, in which you can earn millions of imaginary dollars; allows you to test out your brains in the high-powered world of international finance. The programs, provided with a detailed instruction manual, are THE CORPORATION (run a big company), WALL STREET TRADER (buy and sell stocks and shares), THE ORE-SEEKERS (mine for precious metals), and FOREIGN EXCHANGE (make a killing on the Eurodollar market). $45.95

The LISP Tutor

You can now get to grips with LISP with this tutor, which contains an introductory implementation of LISP, together with a printed manual. In addition, the Tutor includes an implementation of EASLE (Easy And Simple LISP Emulator), which allows users to experiment with the six fundamental elements of the language. $39.95

Apple IIc/IIe/II+ - Educational & Utilities

MATHMATICAL DIVERSIONS

A host of incredible discoveries about the paradoxes and peculiarities of maths - to make on your own computer. Now you can use your computer to explore some of the most fascinating mathematical concepts. This tutorial package includes a printed training manual, and an introductory version of PROLOG, which simulates the Simple front-end of micro-PROLOG. $34.95

The Super Secret
Spell Adventure

A marvellous 'create an adventure' program designed for young children (up to 8) to help them learn to spell; uses child's name, allows child to nominate names of rooms, monsters and treasures. Adults can modify the words which the program asks the child to spell. Effortless (and painless!) learning. $24.95

TYPE

New typing tutor which is first software program to take advantage of how people learn to type. Includes real words/phrases, not random boring drills, plus advanced diagnostics to keep track of your improvement. $69.95

DISCOVERIES
AND DIVERSIONS
IN SCIENCE

Explore and understand many fascinating areas of scientific and mathematical discovery. $69.95

Full details on page 7

Extension course
Computer Education

This course has been written in Australia to meet the needs of upper primary and secondary school teachers who are required to give computer science classes, and for those who are interested in developing their own computer knowledge and skills. Includes six disks of software. $175.00

Full details on page 5.
Apple IIc/IlE/Il+  

development Publishing

Utilities

Rohan Cook's Apple ToolBox

Now you can have one of the most useful collections of Apple programming utilities on the market, with the Apple ToolBox, which comes complete with a comprehensive, easy-to-understand manual, to help you quickly make the most of the ToolBox's massive capabilities. Here's what you get:

- EASY MENU - create a disk menu from your specifications
- ZEAP - recover deleted files, change disk volume, create virtual or flashing names, remove DOS
- COMMAND CHANGER - change commands to the word or phrase of your choice
- MUSIC - program music rapidly simply by entering the notes as they appear on sheet music!
- DRAW - simple, but powerful, graphics program; create your own screens or 'tool' others
- BASIC TO TEXT - converts programs into text files
- BINARY TO BASIC - converts binary machine code programdata into DATA & POKE statements

The Signwriter

Create great big advertising signs, along the printer paper. Works with any printer. Add little pictures, even design your own, on an 8 x 8 grid! Full instruction manual included. $29.95

Zardax II

The acclaimed Australian-written word processor for the Apple II just got better.

Zardax II requires only one disk drive, and is packed with productivity and compatibility features. No waiting, no wondering, no ambiguity. FAST arrow keys, fast printing, fast everything!

Zardax II even carries ProDOS commands for you to format disks, make subdirectories, delete or copy files and catalogues. Zardax II maintains lists, has a clipboard, glossary, does mail merge, supports hard disk drives, and is the easiest to use, most productive software available today for the Apple II. Suits IlE and Ilgs.

If you want the best word processor for your Apple II, Zardax II is for you. $160.00

The Interface Adventure Shell

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