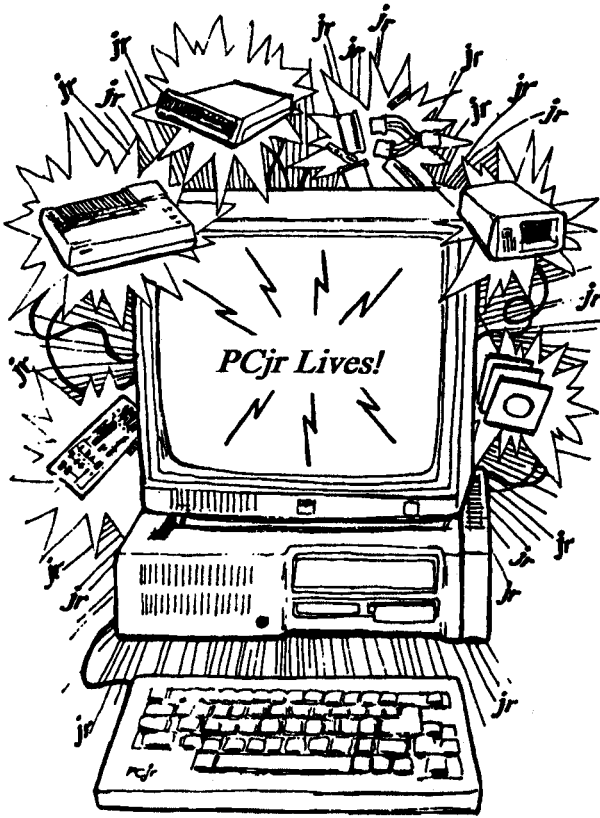


Great Software *For Your PCjr!*



jrNewsletter Software Catalog
January, 1992

.....

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.....

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jr Newsletter Software Store

The software in this catalogue is the best public domain and user-supported software we've been able to find. All software in this catalog has been tested on our PCjrs and is highly recommended.

These disks are available for you to try at \$5.95 per disk. Many of these programs are equal to or better than commercial programs costing 10 to 20 times more. Some shareware requires additional payment to the author if you continue to use it.

**All Our Software
comes with a
moneyback guarantee!**

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(Continued on inside back cover)

Get Top Performance From Your PCjr -- Automatically!

Perhaps the most important thing you can do to make your PCjr as powerful, efficient and compatible as possible is to use `config.sys` and `autoexec.bat` files designed for the type of software you're using.

Our PCjr Auto-Setup Disk takes the pain out of doing this by providing you with an easy-to-use menu system that helps you make several boot disks, each designed for your system and for the things you use your PCjr for.

If you haven't figured out how to make your own `config.sys` and `autoexec.bat` files, or how to do things like keep DOS from always telling you to "insert `command.com`," this PCjr Auto-Setup Disk is for you.

The disk is full of ready-made `config.sys` and `autoexec.bat` files designed especially for PCjrs. All you do is select the ones you want from a menu and the Auto-Setup Disk will create a boot disk for you.

If you haven't yet experienced the boost in speed and convenience of using a RAM disk, the Auto-Setup Disk will make one for you--either a fixed size, or one you can adjust at any time.

With PCjr Auto-Setup, you can create boot disks that will automatically set your keyboard click on, put your screen in 80 column mode, set the screen colors, read your internal clock so it will time and date your files, force software to run in high memory for faster operation, set up video buffers for maximum game software compatibility, create RAM disks of varying sizes, and much more. All you have to do is select options from a menu and it will be done for you automatically.

Many PCjr users have mastered the skills of customizing their own setups, but judging from the questions we receive from readers, many of you are not using all the wonderful features available to you on your PCjrs, simply because you don't know how. So if you've had difficulty reading instructions for `jrconfig` or the memory drivers that came with your expansion units, or you just don't understand the ins and outs of `config.sys` and `autoexec.bat` files, this disk is for you.

PCjr Auto-Setup helps you make boot-up disks especially designed for each type of software you want to run. This approach makes your PCjr operate faster and more efficiently, and it increases compatibility at the same time. There are setups for running telecommunication software, others for using word processors or database managers, several for games and for creating RAM disks. Simple instructions and tips on how to best use each of the setups are included on the disk.

PCjr Auto-Setup is Disk #99. It requires 256K and works with all PCjr memory expansion units.

Jr Can "Fake" Expanded Memory!

MEMSIM is an Expanded Memory Manager (EMM) which emulates the LOTUS/INTEL/MICROSOFT (LIM) Expanded Memory Specification (EMS), version 3.2. This is normally accomplished through expansion hardware. However, MEMSIM creates the expanded memory by using a swapfile it makes on the hard drive. The MEMSIM driver instructs your computer to treat this file as Expanded Memory. The use of MEMSIM to emulate Expanded Memory has several trade-offs. The extra "memory" gained may be enough to enable a computer with up to 640K of "real" memory to run a Lotus 123 spreadsheet which requires more than meg or two of memory. However, because the emulated memory is actually a disk file, the effective speed of the computer will be severely reduced as the computer reads and writes through the disk file each time an action is specified. The larger the amount of simulated memory you configure, the larger the swap file and the more the program will slow the system. Because of the heavy trade-off in operating speed for the extra memory, this program is not suited for routine use. It will, however, be an invaluable tool when you have a large spreadsheet which will not load within the memory limitations of your computer. You could just boot up Jr

with a special floppy disk configured with MEMSIM in the CONFIG.SYS. Although the computer will run painfully slow, it will load the spreadsheet--a feat otherwise impossible. There are two versions of MEMSIM, one for 80286-based machines and another for machines based on 8086, 8088, and V-20 microprocessors. MEMSIM does not treat any extended memory as expanded memory. However, any extended memory may be used as a disk cache, a RAM DISK, or with an extended memory manager. MEMSIM is Disk #135.

Special Offer



**Buy Two
Disks,
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inside back cover.



Your PCjr Reference Library --Best of jr Newsletter on Disk



There are five volumes of Best of jr Newsletter disks, each one containing articles from twelve issues. Each disk contains as many of the most informative articles from the 12 monthly issues as we could fit on one disk. We provide these disks at the end of every 12 month period as a service to those PCjr users who want a handy way to quickly find a variety of information on their computers.

Provided on these disks are two search programs to help you perform two levels of search for subjects you're interested in. One will search the table of contents, while the other will search every file (article) on the disk for a key word. So you can look up any subject fast.

Included on these disks are such things as compatibility tips, software reviews, news on PCjr products, informative letters from PCjr users, beginners columns, PCjr Questions and Answers, and more....

For those who want the complete library of articles we offer:

- Best of jr Newsletter I (Disk #54) June 1986-May, 1987
- Best of jr Newsletter II (Disk #54) June 1987-May, 1988
- Best of jr Newsletter III (Disk #54) June 1988-May, 1989
- Best of jr Newsletter IV (Disk #54) June 1989-May, 1990
- Best of jr Newsletter V (Disk #54) June 1990-May, 1991

PCjr Compatibility

Version 4.0 of the PCjr Compatibility Disk contains software compatibility data we've been able to collect on hundreds of software titles published prior to 1991. It lists whether or not the software runs on PCjrs, how much memory it requires, and in many cases includes comments on the quality of the software. Tips on how to get each title to run well on your PCjr are also given, whenever we have been able to gather such information.

Also included on the disk are articles with information on PCjr compatibility as well as tips on how to set up your PCjr in order to get so-called "incompatible" software to run.

In our experience, most software made for PCs and compatibles will run on PCjrs, if you have the required memory. Unfortunately, some software developers have chosen to ignore hundreds of thousands of PCjr users by allowing their software to be difficult, if not impossible, to run on PCjrs.

The fact is, PCjrs are orphaned computers and those of us who own them, though WE know they are excellent computers, have to be aware of the fact that some software companies do not have our interests in mind. The PCjr Compatibility Disk V4.0 is Disk #60.



jr POWER PACKS Offer Enhancements for Your jr



We offer two special disks full of programs designed to get the most out of jr, called jr POWER PACK I and jr POWER PACK II. Each of them is so packed full of power for your PCjr that you'll want to own them both.

Both disks contain Larry Newcombe's jrconfig.sys, which when installed on your boot disk, your PCjr will create a ram drive of any size, set your screen color, set the step rate (for 3.5" drives), and install the int9 patch which fixes a major incompatibility problem. Jrconfig is probably the most useful PCjr software you could possibly have.

Other programs on jr POWER PACK II include:

- * Popsicle, a pop-up program for PCjrs, which allows you to perform the most common DOS commands quickly and easily.
- * Turbo Script, 31K word processor that may be placed in a ram disk for easy access while you are performing other tasks.
- * PCjrXTRA which allows you to run QuickBASIC 3.0 and 4.0 as well as Turbo C 1.0, both of which are "incompatible" with PCjrs.
- * SWAPCOM2 makes the necessary switch of the COM1 and COM2 ports when you are using an external modem with no internal modem installed.
- * File management utilities, Filer and Direx.
- * Delbut which allows you to delete all files from a disk except for those you specify.
- * Sdir which displays all the files on a drive listed by filename in alphabetical order along with their size in bytes.
- * Koalaprt, which allows you to print pictures that you draw on your Koala-pad.
- * JRCOLOR which allows you to adjust the color on your screen, both border and background colors.

The jr POWER PACK I contains the following:

- * A "Poor Man's Mouse," which turns any IBM specification joystick into a mouse.
- * List.com a little program that allows you to read any text file.
- * Several screenblankers specifically designed for PCjrs.
- * Kolor.com, which lets you set the colors on your screen from DOS.
- * and many more useful programs.

Jr POWER PACK I is Disk #52 and Jr POWER PACK II is Disk #65 on the order form.



Ingenious PCjr Users Fix "Incompatible" Software



Thanks to several computer-wise PCjr users, a lot of software that is not supposed to run on PCjrs will actually operate on PCjrs.

The people responsible for creating the patches have generously shared them with other PCjr owners, usually by uploading them to public bulletin board systems where they can be downloaded by those who want them.

We have collected all the patches we could find and put them on Disk #56. Among them are patches for:

Autocad	voice sound.
Advanced Flight Trainer	688 Attack Sub - 16 color, 3 voice sound.
Arctic Fox	Battle Chess - 16 color.
Bards Tale I	Battle Tech - 16 color.
Bards Tale II	Boxing II - 16 color, ID check.
BASICA	Genius Mouse - 11" power supply only (See 12/90 issue p.8)
California Games	Grand Prix Circuit - 16 color.
Designasaurus	Indiana Jones - 16 color.
Double DOS	Jack Nicklaus Golf - 16 color.
F-19 (some versions)	Knight Games - 16 color, plus tips.
Flight Simulator (v.3.0)	Paperboy - 16 color, 3 voice sound.
King's Quest IV (early 512K version)	Shanghai - 16 color.
King's Quest II (PC ver)	Silpheed - Install problems fixed.
Loderunner (V-20 chip)	Sim City - 16 color.
Managing Your Money V.3	Space Rogue - 16 color.
Maniac Mansion	Steel Thunder - 16 color, ID check.
Prodigy	Strip Poker II - 16 color, ID check.
Quick Basic, v.3-4	Test Drive II The Duel - 16 color.
Starflight (some versions)	Tetris - 16 color.
Turbo Basic	The Games (Summer) - 16 color.
Turbo C	Ultima IV - 16 color.
1 on 1 Jordan vs. Bird - 16 color, 3	

These patches all involve using DEBUG, the DOS program, to create the patch. Instructions are clear and easy to follow.

SPECIAL NOTE: Most Microsoft programs, including QuickBasic and Microsoft Works, require the INT9 patch to run on PCjrs. The INT9 patch is on this disk, but an easier solution is to boot up with JRCONFIG which automatically fixes this incompatibility. JRCONFIG is on JR POWER PACK II (Disk #64).

Afraid to Upgrade? Don't Fear.....

Jr Toolkit Provides Many Upgrade Projects



Jr Toolkit, Disk #110, has a collection of more than 25 upgrade, modifications, and repair instructions for PCjr users.

Jr Toolkit has instructions for upgrading your PCjr by performing the PCjr to Tandy 1000 modification, adding disk drives, more memory (for IBM and Microsoft sidecars), more power (upgrade the 7 inch PCjr power supply, or add an XT power supply), getting the right box for a second disk drive, and adding a serial port.

Most of these projects are quite easy to perform if you have a little experience with a soldering iron, while a few (the power supply upgrade for instance) are more appropriate for technicians.

Just about anyone who can follow directions can add a 3.5 inch drive to a PCjr in a few minutes. This upgrade is becoming more and more popular among PCjr users since it doubles disk storage capacity to 720K with a quieter, more stable, format than the 5.25 floppy disk.

The disk includes step by step instructions for cleaning and/or lubricating the PCjr 5 1/4 inch disk drive so it runs more quietly.

Jr Toolkit also has several files which provide diagnostic and repair tips from people who have tinkered successfully with their PCjrs when breakdowns occurred. These tips could save you money and aggravation by showing you how to make easy repairs. Some not so easy repairs for the more experienced do-it-yourselfers are included as well.

Most of the instructions were written by amateurs, PCjr users sharing their experiences with other PCjr users, so we cannot guarantee their accuracy or completeness. However, the sources for these instructions have, in our experience, proved to be quite reliable so we feel they are worth making available to all PCjr users who wish to make use of them.

The diskette also has instructions for adding a reset button to your jr, adding a V20 chip replacement for the original 8088 (for increased speed), as well as expanded directions and precautions necessary for installing a Tandy 1000 Modification, which allows PCjrs to run much more software in full 16 colors.

To order Jr Toolkit (Disk #110) please use the order form.

IBM PCjr & CONVERTIBLE SPECIALS

PCjr

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512K Internal Memory	CALL
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Need Help With Jr?

PCJR AUTOSETUP. A beginners dream: Just select from a menu to make separate boot disks especially for each type of software you use. Automatically creates the right config.sys and autoexec.bat files for RAM disks, games, word processing, telecommunications and other software to run at maximum power and efficiency on your PCjr. Designed especially those who havent mastered the art of customizing their computers. This one does it for you! 256K (Disk #99)

JR TOOLKIT V2.0. A collection of 30 upgrades, modifications and repairs. Some easy, some require experience. Includes adding second 5.25" drive (easy) or 3.5" drive (easy), PCjr to Tandy 1000 Mod (harder), power supply upgrade (harder), reset button (harder), V20 speedup chip (easy), how to quiet drives (easy), adjust monitors (easy), plus many others. (Disk #110)

JR POWER PACK. A collection of particularly useful programs for PCjr owners. Set up RAM disks, address memory to 736K, turn a joystick into a mouse, set screen colors, keyboard click, scan and search text files, screenblanker, print spooler, and more. 128K. (Disk # 52)

JR POWER PACK II. Disk full of programs to make your PCjr more

useful and powerful. Fix compatibility problems, set up ram disks, tiny word processor, set up 3.5" drives, use DOS easily, and more. Need 256K for some, 128K ok for most. (Disk #65)

PCJR COMPATIBILITY DISK V4.0. Annually updated list of hundreds of software titles, includes PCjr compatibility info, tips on running software, and how to make some incompatible software operate. Powerful search feature finds titles quickly and easily. 128K ok. Updated April 1991. (Disk #60)

PCJR PATCHES V6.0 Patches to fix software to run on PCjrs. Most enable 16 colors. V6.0 adds patches for 1 on 1, 688 Attack Sub, Battle Chess, Battle Tech, Boxing II, Genius Mouse, Grand Prix, Indiana Jones, Jack Nicklaus, Knight Games, Paperboy, Prodigy (thru V3.1), Shanghai, Silpheed, Sim City, Space Rogue, Steel Thunder, Strip Poker II, Test Drive II, Tetris, The Games (Summer), Ultima IV, plus new patch to stop disk drive spin. Dozens of older patches, too. (Disk #56)



Especially for Junior

PCJR MUSIC SAMPLER. A collection of classical music concerts performed with great precision to produce the highest quality sound you've ever heard on your PCjr. Disk includes a separate program to activate Juniors sound generator *before running game software* to get highest quality sound. 128K ok (Disk #119)

JR MUSIC MACHINE. If you want to write and play music on your PCjr, this program allows you to do it. Displays music as you write it using jr's 16 colors, and plays music back in three voice harmony. Features allow you to adjust key, tempo, note values, etc. Color Display required. 128K ok. (Disk #62)

DOS 2.1 FIX. Patches to fix the bugs in DOS 2.1. Cures most problems encountered when running memory intensive programs. Also patches to run BASIC and BASICA on DOS 2.1 without having Cartridge BASIC installed. 128K ok. (Disk #40)

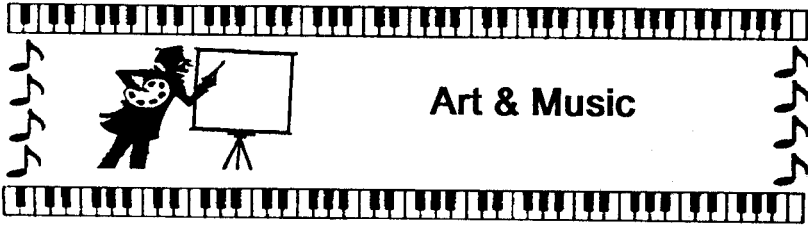
THE BEST OF JR NEWSLETTER I. The best and most informative articles from twelve issues of jr Newsletter (June 1986 through May 1987 issues) are contained on this disk. More than 50 articles on compatibility, problem solving, software, maintenance, memory expansion, how-to projects, tips on using DOS, and more! 128K (Disk #54)

THE BEST OF JR NEWSLETTER II. All the major articles and columns from June 1987 through May 1988 issues of jr Newsletter. Subjects cover most aspects of PCjr operations with tips on compatibility, DOS, expanding and speeding up PCjrs, best software, etc. Easy search function finds subjects quickly. 128K ok. (Disk #66)

THE BEST OF JR NEWSLETTER III. Disk contains most of the major articles published in jr Newsletter from the June 1988 issue through May 1989. Articles on compatibility, PCjr hardware and software tips, regular columns, letters from PCjr users, and other informative articles. Utility to search for subjects included. (Disk #91)

BEST OF JR NEWSLETTER IV. For your handy reference, disk has the most informative articles, columns, and tips published in Jr Newsletter from June 1989 through May 1990. Easy to use search utilities provide quick ways to find any subject of interest. 128K ok (Disk #118)

BEST OF JR NEWSLETTER V, The best, most informative articles, columns, reviews, Questions and Answers from the June 1990 thru the May 1991 issues. Includes powerful search utility so you can find and read any subject easily. 128 ok (Disk #130).



Art & Music

JRMUSIC MACHINE. If you want to write and play music on your PCjr, this program allows you to do it. Displays music as you write it using jr's 16 colors, and plays music back in three voice harmony. Features allow you to adjust key, tempo, note values, etc. Color Display required. 128K ok. (Disk #62)

PCJR MUSIC SAMPLER. A collection of classical music concerts performed with great precision to produce the highest quality sound youve ever heard on your PCjr. Disk includes a separate program to activate Juniors sound generator before running game software to get highest quality sound. 128K ok (Disk #119)

ORIGAMI. Learn the art of Japanese paper folding. This program shows you how, step-by-step, to create amazing animals and other objects just by folding paper. Fun for kids and adults, too. 128K. Requires Basic Cartridge. (Disk #39)



PC-KEY DRAW. A powerful graphics program that allows you to draw, paint, produce slide shows, store and print your work. 256K, two drives. (Disk #37)

PC-KEY DRAW DEMO. Contains a slide show demonstration which allows you to see the amazing results you can get with PC-KEY DRAW. Helps to learn the many graphic capabilities of PC-KEY DRAW. (Disk #38)

PCJR MUSIC SAMPLER. A collection of classical music concerts performed with great precision to produce the highest quality sound youve ever heard on your PCjr. Disk includes a separate program to activate Juniors sound generator before running game software to get highest quality sound. 128K ok (Disk #119)

PIANOMAN. A great music program! Allows you to write your own music, store it and play it on jr's terrific sound system. 128K. (Disk #36)

PRINTMASTER LIBRARY. Two disk set full of graphic images for use with PrintMaster. (Disk Set #3 - 2 disks, \$10)

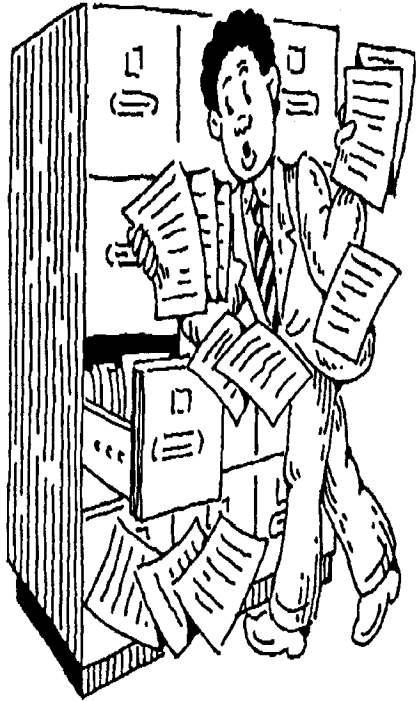
**Need a Better
Way to
Keep Track
Of Things?**

**Try one of
These
Data Bases
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3 X 5. An information management program that works just like a 3 x 5 card file. It offers speed, versatility and simplicity in entering, indexing and retrieving data. Has an integrated word processor, powerful search commands, multiple windows so you can edit in one and search in another, etc. Requires 256K. (Disk #19)

FILE EXPRESS. (V4.22) Very easy to use database manager. Extensive menus and prompts to guide you. Excellent choice for maintaining mailing lists, etc. Many powerful features. 256K (Disks #83 and #84)

MR. LABEL. Extremely versatile, this software enables you to make labels ranging from the very simple to the very sophisticated. Its the best of many we've tried. 128K ok. (Disk #97)



NAMEPAL. An excellent utility program for maintaining and printing name and address lists, address books or mailing labels. Keeps business and personal references and allows user to maintain free-form notes as well. Requires 128K Memory. (Disk #70)

PC-FILE III. This excellent database manager will handle up to 9,999 records, such as names and addresses, notes, product descriptions, etc. Uses generic, embedded, soundex and wildcard searches. Global updates and deletes. Sorts on any field. Too many features to mention. (Disk #3 runs on 128K, Disk #4 needs 256K)

Tetris Lover Creates His Own Great Version

An engineering student who loves to play Tetris, the best selling game from the Soviet Union, decided to make his own version, adding the ability to play against another person -- and he's come up with a winner!

And so has Daniel Singer, of Lehigh University, who made his own version of the popular game. He calls his XTetris, and he adds a few treats of his own to the Russian concept.

Both of these excellent Tetris-like games are on our Duotris Disk #116.

Double Blocks, by engineering student Ernest Yale, challenges you to juggle the dropping shapes into strategic positions similar to the way Tetris does, complete with sound effects. You can select your level of expertise, and, by completing lines of blocks successfully, you can graduate to new levels.

Double Blocks allows you to set the keys you want to use for right, left, rotate and drop. It also provides settings for "next block" and "drop slide", which allows you to slide a shape left or right, if you're quick enough (setting 9 gives you the most time).

Two players can pit their skills against each other with Double Blocks, and the author will send regis-

tered users a version designed to be played via modem, for \$5.

In Daniel Singer's XTetris, a couple of new spins are put on the game.

For one thing, he's added triangles to the falling shapes, two of which will make a square, provided they're in the right position. XTetris also give you a chance to clear up your mistakes every now and then by dropping a "bomb" in the shape of an X, which will obliterate the shape it hits.

Both of these versions of Russia's gift to American game lovers are very well designed and run without a hitch on PCjr's with 128K.

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Play Bridge Or Mahjong With Bridge Plus

Two excellent games from overseas are available on Disk #131--Contract Bridge and Mahjong. The Bridge game, by Gerard Passera of Elancourt, France, offers bridge players realistic practice in bidding and playing the game against the computer. Since bridge is as popular in France as it is in the United States, Passera has no handicap when it comes to designing a challenging game. The game includes bidding options of one to seven in any suit, or notrump. You can pass, double and redouble as well. Your computer will keep score.

Since instructions for playing bridge are not included on the disk, you either have to know the rules, or have a rule book on hand. This would be an enjoyable way to learn the game on your own, without needing three other players. The Mahjong game was programmed by P.E. King of Essendon, Australia. Similar to the card game called "Rummy" in which you try to collect sets of similar cards, Mahjong is played with "tiles" instead of cards, and has several interesting aspects to



the game not found in Rummy. Rules are included on the disk. Bridge Plus is Disk #131.

Games

ADVENTUREWARE. Six different text adventures with titles like Island of Mystery, Terror in the Ice Caverns, and Moon Mountain Adventure, all test your wits and take you to strange mysterious places. 128K (disk #14)

ARCADE GAMES. Includes Kong, Pango, PC-Golf, Pyramid and other exciting, colorful games for hours of fun. 128K. (Disk #30)

BOARD GAMES. Eleven different games on one disk! Hours of fun with Monopoly, Yahtzee, Cribbage, Backgammon, Othello, and others. All run great on your PCjr! 128K. Need Cartridge BASIC (Disk #31)

BUSHIDO. Test your skills in martial arts combat. Fighters kick, spin, duck, punch, etc. Requires 256K and keyboard with function keys (Disk #16)

CASTAWAY/S. AMERICAN TREK. Test your survival skills as the survivor of a shipwreck in the South Pacific. Or as an explorer of South America. Two novice text adventures from Jim Button. Ages 12 and up. 128K. (Disk #53)

COMPUTER JOKER. Disk full of jokes, wisdom, and visual tricks to play on your computing friends. 128K ok (Disk #64)

DOUBLE TROUBLE. Two of the most challenging, highest quality arcade style games we've seen. Amazing Mazes and Willy the Worm. Ten different mazes and five levels of play will tie your brain in knots. And Willy, who is the fastest, jumpingest worm you'll ever see, will beat you for sure! You can even modify Willy to give yourself more (or less) trouble. 128K ok. (Disk #68)

DUGEONS & WARS. In Dungeon Quest you can choose to be a dwarf, elf, magic-user, fighter or other type of character. You select your strengths and weapons,



too. Then you enter the dangerous dungeons on your Quest. Thermonuclear War pits the US vs. the Soviets in a very real demonstration of what a nuclear war might be like. Combat is a strategic battle on the ground. 128K ok. (Disk #9)

DUOTRIS. Two great Tetris-like games on one disk. Similar to the popular Russian strategy game, both of the versions add new twists of their own. Written in Turbo Pascal, both are high quality games. 128K ok (Disk #116)

GAMES I. An assortment of games for hours of fun and excitement. Includes Spacewar, Airtrax, Life, Wumpus, Wizard and more. All good with 128K. Need Cartridge BASIC (Disk #8)

GAMES II. A wild bunch of games to test your wits and skills. Includes Slither, Xwing, Torpedo, ABM2 and Overreact, where you are in charge of a nuclear plant. 128K. Need Cartridge BASIC (Disk #34)

GAMES III. Kingdom of Kroz, an award-winning arcade action game. Go-Moku, a challenging Japanese strategy game, also known as Pente. Zigsaw, the first really good on screen simulation of a jigsaw puzzle. All three on one disk. 256K Reviewed 12/89 (Disk #101)

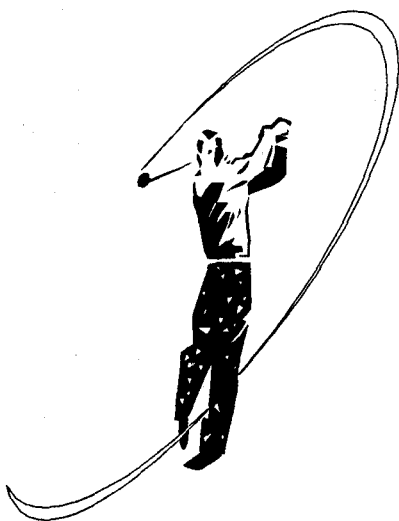
GAMES IV. Turbo-Car tests your skills at driving a fast car on a two lane highway. Can you keep from crashing? Return to Kroz is a colorful, exciting arcade-strategy sequel to Kingdom of Kroz on Games III. Trek Trivia tests and expands your knowledge of Star Trek. Three great games on one disk! 256K Reviewed 2/90 (Disk #106)

GOLF/SAILING. Two great games! The golf game has three courses, user definable club ranges and a swing control that determines whether you hit a slice, hook or straight shot. Three nine hole courses (Novice, Pro, and Sadistic). In the other game, you try to sail the three legs of the Bermuda Triangle avoiding, if you can, the creeping mists, alien crystals, vortexes and storms. Your boat is equipped with radar, rudder and sail (all of which you con-

trol) and an engine for emergencies. 128K ok for sailing. Need 256K for golf. (Disk #47)

MEAN 18 GOLF COURSES.

Three excellently designed courses for those who play Mean 18, the commercial golf game. Disk #79 has Boca Woods North, Boca Woods South, both with especially challenging water holes, and Kearsage Valley, with fall foliage in full color. Disk #80 has TPC of Avenel, TPC of Sawgrass, with massive sand traps and a tough 17th green on an island, and TPC of Woodlands, which may be the most challenging of all. (Disk #79 and #80)



PC-CHESS. Two great chess games on one disk! A full-color, many featured chess program with four levels of play, allows such things as switching sides, setting up the board yourself, validity checking, en passant, etc. The

other works on color or monochrome, has window showing options it considers before moving, adjustable difficulty level but a powerful opponent at any level. 128K ok for one, 256K for other. (Disk #44)

PHRASE CRAZE. Based on the TV show Wheel of Fortune, you get to be the guest who guesses the mystery phrases and wins piles of money! The wheel spins to select the amount of money you win for correct guesses. It gets harder with each round you play. You can add your own phrases to this game or try to guess the ones provided on the disk. Lot of fun for adults as well as older kids. 128K. (Disk #46)

PINBALL RALLY. A colorful collection of amazingly realistic pinball games. Using the Shift keys as flippers, the games get more and more complex until you get to Twilight Zone, the hardest one of all. Runs on 128K. (Disk #10)

PLAYERS CHOICE. Six different card games, some easy, some hard, but all excellent. Youngsters can have fun playing Memory or Even-Out, which are quite easy to master. Blackjack is hard to beat, and Poker, which has the ability to modify its play in response to your methods, is a real challenge. Also two fine versions of Solitaire, one with great graphics. Some need 256K. (Disk #78)

BRIDGE PLUS. Play Contract Bridge Or Mahjong. Realistic bridge practice in bidding and playing against the computer. Good way to practice the game, but need some knowledge of the game or a rule book. Mahjong rules are included on the disk. Requires 256K Reviewed 9/91 (Disk #131)

REFLEX POINT. Patterned on the TV show Robotech, this game follows the shows storyline, with the Freedom Fighters trying to reach the Reflex Point and destroy the evil Invid Prince. 128K ok. (Disk #12)

SCRABBLE. At last, an excellent Scrabble game that runs in 16 colors on PCjrs! Plays just like the board game. Expandable dictionary checks words. Keeps track of all premium score squares and scores for up to four players. Also contains WORDWHIZ, a nice vocabulary building game. 256K (Disk #113)

STAY ALIVE !!! Three games that require all your wits to stay alive. Can you avoid the terrible nightmares and reach the highest level in Dr. Sleep? Or fight off the alien hordes on the Planet Iskib? Bet you cant shoot down the clever enemy pilots in Sopwith. If you can, you deserve a medal! 256K (Disk #89)

SUPER BOARD GAMES. Excellent versions of two popular board games Monopoly and Risk. Very much like the board versions, except your computer keeps track of everything for you. All you have to do is make the right moves and have fun. 256K. Need Cartridge BASIC (Disk #55)

TOMMYSTRIVIA. Excellent trivia game with 3 ways to play against computer, 2 against human opponent. 2,500 questions in many categories, from entertainment to history. More Qs available. 16 colors on PCjr. Need 256K. (Disk #98)

WAR ON THE SEA. Based on World War II naval battles, this game allows you to command a fleet in seven different campaigns in the Atlantic and Pacific. Not a joystick game, this one will allow you to see whether you have the strategic skills to be an Admiral. 256K (Disk #100)

ZAXXON/GALAXY TREK. Two exciting high tech shoot-em-up games. In Zaxxon you fly through an obstacle course, shooting while you go, up and over walls, and eventually through space. Galaxy Trek makes you the commander of a Star Ship which you maneuver through the universe seeking to destroy a fleet of Megaton warships before they conquer the planets. 128K. (Disk #45)



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The following back issues of jr Newsletter are available in limited supply for \$2.00 each. Some of the feature articles in each issue are listed below:

You can obtain articles from issues not listed here by ordering Best of jr Newsletter Disks. To order back issues, please use the order form on the last page of this catalog.

June 1986: First Issue of jr Newsletter. Collector's Item. Only a few left.

January 1989: Using A Modem * PCjr BBSs * How Video RAM Works * Ink Jet vs. Laser Printers * Scout (review).

February 1989: Using A Mouse * Flight Simulator Instructions * The Best Games * More Readable Font for Your Monitor * Ramdisk Software.

May 1989: IBM Support To Last 5 More Years * Low Cost Introduction to Modems * How PCjr Memory Works (I) * Keyboard for Young Learners * Advanced DOS Commands.

June 1989: 80286 Board for PCjrs * Books for PCjr Users * Games for PCjrs. * How PCjr Memory Works II * Great PCjr Hard Drive * New PCjr Shareware.

September-October 1989: Jr Newsletter Welcomes Junior Report Readers * PCjr 286 Boards Now on the Shelves * Cookbook Software * Flight Simulator Scenery Disks * PcCalc Plus * Start a PCjr Users Group * Fix Disk Drive Problems * PCjr Compatibility Guidelines * Battlechess Review * Install DOS on PCjr Hard Drive * How PCjr Memory Works III

November, 1989: New PCjr Mega-board Adds 1,024K to PCjr Memory * Mesa 286J * PCjr Compatibility Disk Updates * Solution to Sidecar Shorting * Shareware * Rocky Makes Learning Fun * Games III

December, 1989: Many Options for Boosting PCjr Memory * Fix a Tecmar Sidecar * Great New Sierra Game--Hero's Quest * Lotus 2.2 and the PCjr * Compatibility Update * Introduction to Databases

January, 1990: Make PCjr Software Patches * Printshop is Better than Ever! * 3.5" Boot Drive for Your PCjr * The Ultimate Utility, 4DOS * How to Care for Disks * Accolade's Test Drive

February, 1990: Compuserve's PCjr

Forum Offers Lots of Goodies * Recommended Tax Prep Software * "Sim City" review * Great New Games * See the World on your PCjr * Powerful Text Utilities * The Ultimate Utility (4DOS, Part 2)

March, 1990: A PCjr with 80MB Drive, EGA, and Fax? * Mixed-Up Mother Goose * Procomm Plus Test Drive * Genealogy Software * Byte Your Tongue * 25 Upgrade Projects for Jr * Software for your Printer.

April, 1990: Software Compatibility Update * PCjr Fn Key Tips * Racore Memory Upgrades * What a PCjr User Must Know * Printer Utilities Review.

May 1990: Jr Expert Thoughts * Identifying Socketed Chips * Overcoming Compatibility Problems * Keyboard Controls for FS V. 4.0 * TSR's, Paths and Memory.

June 1990: Why Tandy Modification Is Essential * Telecommunication Hints (including Prodigy) * Exploring Your Jr With DEBUG * Jr Toolkit Upgrade.

July 1990: Mesa 286 Is Reborn * Thexder * Exploring Jr With DEBUG (Part II) * Patch BASICA.COM * Make PCjr Talk * Print Calendars * Disable DMA on Racore Units * Playroom Review.

September 1990: Favorite Software List * Understanding Compatibility Problems * Is PCjr Obsolete? No! * Classical Music For PCjrs * Turn On 3 Voice Sound.

October 1990: 1,001 Uses For PCjrs * Microsoft Works Review * LZEXE Reduces Program Size * Monitor-Drive Interference * Guide To Computer Terms.

January 1991: VGA for PCjr * The Basics of BASIC * Replacing a Tecmar Power Supply * Do Jigsaw Puzzles on Jr * Pipe Dream Review * Make PCjr Music with a MIDI * Save the Planet review.

February 1991: Improved Prodigy works on PCjrs * PCjr Memory Expansion * Run Tandy Software on the PCjr * Sophisticated Sounds of Junior * PGA Tour review * Top Shareware Hits of 1990

March 1991: Bards Tale III, Thief of Fate * Serial and Parallel Ports * Tips on Hard Drives and Mice * Automenu * Using Bulletin Boards * Get the Most from your Printer * Prodigy - Is it a Good Idea?

April 1991: Understand and Use the PCjr Sound System * Adding a Second

Drive * Word Gallery review * Loom is a Fairy Tale Fantasy * "Wills" software review * Are Your Printouts Becoming Invisible?

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June 1991: History of IBM's PCjr * What is DOS? * How the PCjr Keyboard Works * PowerBatch review * A Deskjet Love Story * Technical Info for PCjr Serial Port * LHA archiving program review

July 1991: Inexpensive Way to Try C on Junior * "Abort, Retry, Ignore:" Requires Caution * Sharespell upgrade review * Skyglobe review * Telix review * The PC/MS-DOS Environment Space * Calendar Keeper * DOS Command Editing

August 1991: DOS 5.0 Runs on PCjrs with Special Patches (Part 1) * Creating a CONFIG.SYS file * Backpack Runs on Reader's PCjr * PC-Write Lite review * Improving PCjr's Memory *

September 1991: Run DOS 5.0 on PCjr (Part 2) * "Shareware" * PCjr's Video Gate Array * Uninterrupted Power Sources * What PCjr Sockets are For

October 1991: Getting Started at Programming * Using Chkdsk * Remove a Disk Drive and Install a V20 Speed Chip * Dr. Modem Answers Questions * Managing TSR's * Bite by Byte * ANSI.SYS

November 1991 (limited supply): Giving your PCjr VGA Compatibility * Tips and Tricks for Jr Users * Reader Uses a Scanner on PCjr * Using Procomm on PCjr

December, 1991: Telecommunications with PCjr * Tips on Using PKZIP * Air Transport Pilot Tips * Printer Control with BASIC and ASIC * Troubleshooting on Your Own * Jr Can "Fake" Expanded Memory (review) * JRCONFIG program stops computer Virus * Purchasing a Second Junior * Brief PCjr History

January, 1992: More Questions About Prodigy * Should I Upgrade or Buy another Computer? * The 8088 Microprocessor used in PCjr * File Manager Scout Upgraded (review) * Install DOS on a Hard Disk * PIVOT! Review * Merge Files Using DOS Commands

Spreadsheets

AS EASY AS. Excellent, easy to use, spreadsheet program. Works like Lotus 1-2-3, with all spreadsheet functions. Can load and operate 1-2-3 files. 256K ok (Disk #67)

AS-EASY-AS V.4.00 This is a MAJOR upgrade of the popular, powerful Lotus 1-2-3 look-alike spreadsheet software. Many useful features have been added to an already full-featured program. Earlier 256K version (2.05) is Disk #67. This upgrade requires 384K. Reviewed 2/90 (Disk #107)

MINICALC. A small, easy to use, spreadsheet program. 11 columns by 22 rows. On-line help function and manual on disk. In addition to performing calculations, will generate bar graphs. (Disk #27)

PC-CALC. A versatile spreadsheet program that can do up to 26 columns of adjustable size and 256 lines. Features on-screen prompts, many math and statistical functions, hidden column capability, many formatting options, 64 character cells, automatic global recalculation, and more. Has some limits on 128K, but still very useful. (Disk#5 runs on 128K, Disk #6 requires 320K and two drives)

PC CALC PLUS. V2.0 More advanced than PC Calc (Disks 5 and 6), this is a very powerful spreadsheet program which includes graphing features. Excellent. 512K (Disk Set #2 (2 disks) \$10.)

Kids of All Ages Have Fun With Math and Logic Games

Math and Logic Games, Disk #126, presents six programs which challenge a child's mathematics and thinking skills, and provide hours of fun.

The programs are aimed at grade levels K through 6, but can be enjoyed by all. All games can be played between two or more people, or between one player against the computer.

Two of the games, Target Math and Jelly Beans, teach numeric logic in deceptively simple ways. Both are fun, and both are based on a system that the computer knows already, but the child can figure out after playing for a while. In Target Math, you take turns adding numbers trying to reach a target number, while in Jelly Beans players take turns removing beans from a jar and the one who takes the last bean loses!

I Shot An Arrow is a simple simulation of an arrow flying through the air; the program introduces the concept of increasing and decreasing angles and their effects on the arc of an arrow aiming at a target. Again, a deceptively simple concept. The program's author says this game teaches "estimation and answer refinement skills," which may mean something to teachers, but to us it's just an enjoyable way to exercise the brain.

Leaky Tub has a colorful animated simulation of hot and cold water filling a leaky bath tub. Players adjust temperature and flow and watch how their decisions affect the simulation. This program helps teach logical thinking and is interesting for kids to manipulate.

In Math Race, up to four players take turns answering flash card arithmetic problems. The faster you answer your problem, the further down the track your car travels. Each player can race at a skill level appropriate to his or her grade level. Finally, Math As Art draws pretty pictures using the ideas of fractal math. This is not a game, but a demonstration of how a pair of numbers produces different diagrams based upon the fractal principle. It's not necessary to know this principle, only to enjoy the colorful demonstration.

Math and Logic Games requires 256K. It is Disk #126.



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Skyglobe, A Stargazer's Friend

By John M. King

I learned my first constellation, the Big Dipper, in elementary school and used the "pointers" to find the North Star. Later, I learned Casseopia and Orion. If I had kept on at that rate, I would know hundreds of constellations by now, but I don't. It got harder, especially when I tried to learn them on my own from books. But then, I didn't have a computer and SKYGLOBE.

Why is it hard to learn new constellations? Because they change location and orientation in the sky according to the season, the time of night, and the latitude of your viewing spot.

What you really need is a customized star map created for the specific night and time and place when you will be stargazing. This is what SKYGLOBE, a shareware program written by Mark Haney, provides in a simple and elegant fashion.

Using SKYGLOBE

SKYGLOBE will run on any IBM compatible PC, PCjr, XT, AT, 386, or 486 with one 360K or greater floppy drive. Monographics, CGA, EGA, and VGA displays are supported; and less than 200K free RAM is required. Your star map can be printed to a dot matrix or laser printer. Skyglobe is Disk #129.

The fastest way to locate a star, constellation or Messier ob-

ject is to use SKYGLOBE's Object Find function. Press the O key, and select the object from the menu. SKYGLOBE will select the best date, time, and viewing direction and display your choice. This is particularly useful for finding constellations which rise above the horizon only briefly during the year.

SKYGLOBE offers a great deal of control over the display. Stars can be displayed according to their brightness. This allows realistic representations for hazy metropolitan conditions as well as clear mountain skies. Numbers to identify 300 named stars can be displayed or not.

Eighty-nine constellations can also be displayed according to brightness. Their names and the connecting lines between their stars can be turned on or off. This permits uncluttered maps with only the major constellations for new students.

The planets, sun, moon, an outline of the Milky Way, and Messier objects such as galaxies and nebulas can also be displayed or turned off.

Skyglobe is Disk #129.



Educational

ARE YOU READY FOR CALCULUS? Excellent review of Algebra and Trigonometry skills you'll need before taking Calculus. Provides help in needed areas. Designed by professor in University of Arizona's Math Department. 128K ok Disk #117)

BIBLE QUIZ. Excellent quiz game tests knowledge of both the Old and New Testaments. Provides answers and biblical references for each question. For one to three players. 128K OK. (Disk #85)

BRAIN BOOSTER. Includes IQ Builder, a program that both teaches and tests your ability to solve number, analogy, synonym and antonym problems like those on IQ and SAT tests. Also includes Algebra and Chemistry programs. For high school and up. 128K (Disk #43)

COMPUTER TEACHER. For those who want to learn how to use DOS commands and to understand basic computer hardware terms, this interactive software will help you become computer literate. Helps you better understand those manuals and computer magazines, as well as how to do more with your computer. 128k (Disk #77)

CROSSWORD CREATOR V3.30. Make your own puzzles up to 36 columns by 22 rows. Many

helpful sorting and placement features. Prints out on virtually any printer. 256K (Disk #71)

EARLY LEARNING. A collection of colorful educational games for ages 6-8. Sing-along alphabet, letter match, counting game, maze, pattern matching and more. 128K, need Cartridge Basic. (Disk #48)

EQUATOR. An excellent way to learn and review 35 basic equations used in math, finance and science. Learn to compute the volume of a cylinder, compound interest, or average velocity and much more. Manual on disk. 128K (Disk #20)

GAMES FOR EARLY LEARNERS. Young children like Teach Tots alphabet and counting games. Other activities teach spelling and telling time. For Preschool through grade 3. Cartridge BASIC, 128K. (Disk #63)

HAPPY GAMES. Written by a mother to help her own preschoolers learn on their PCjr, this set of colorful educational games makes learning fun. Teaches colors, shapes, logic, eye-hand skills. 256K and joystick required. (Disk #88)

LANGUAGE TEACHER. Helpful exercises for both French and Spanish language students. Hundreds of vocabulary words and verb conjugations. 128K ok. (Disk #72)

MATH FUN! A great way to get kids learning how to add, subtract, multiply and divide. Includes a program called Math Tutor which has cleverly designed exercises for kids in Grades 1-6. Also Funnels and Buckets, a nifty math game that makes learning math fun. 128K. Need Cartridge BASIC (Disk #42)

PLAY AND LEARN. Educational games for kids 5-12. Word match games, find-a-word puzzles, word scrambles, and many more made by teachers. 128K, need Cartridge Basic. (Disk #32)

SPEED READ. If you'd like to double or triple your reading speed, and increase comprehension as well, Speed Read can help you do it. It provides instruction and exercises designed to break bad habits and improve reading efficiency. 256K (Disk #90)

SPELLING BEE. A game that builds spelling skills from Grade 3 level to adult. You are an Olympic athlete representing your country. Excellent color graphics. Four skill levels from very easy to very difficult words. Fun way to become a spelling champ! 256K ok (Disk #82)

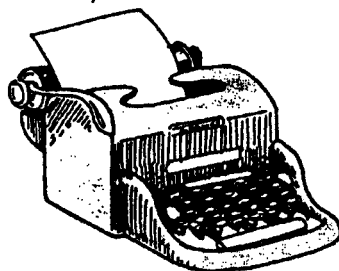
STUDY AIDS. Three great programs to help students. PHLASH - a computerized version of flashcards which you make and use for any subject. Multiple choice, true/

false, and/or fill in blanks. **FRAC-TIONS** - a series of interactive exercises in fractions (many levels). And **PHRASE** - a program that picks out examples of bad writing in any document and suggests improvements. 128K ok (Disk #92)

THE WORLD V.2.6. Fascinating way to see the world on your PCjr! Just use the pointer to move over full screen map of world and press Enter to zoom in on any region, country or city. Many features. Even shows you hurricane tracks by year. 256K Reviewed 2/90 (Disk #105)

TIME TRAVEL IN HISTORY. A maze adventure game in which you have to answer questions about different periods of American History in order to get gold pieces and save your life! 128K (Disk #21)

TYPING INSTRUCTOR. Disk contains both PC-Touch, a great typing exercise and speed testing program, and Touch Typing Tutor, a combination of lessons, including finger positions, speed tests and a typing game. 128K ok. (Disk #18)



WIZQUIZ. The Wizard keeps track of your progress in solving math problems that range from elementary level through fractions and negative numbers. Extensive exercises, with scores and times recorded under each players name. Compete against your personal best as you improve your skills. Grades 4 through adult. 128K ok. (Disk #95)

WORD PROCESSING FOR KIDS. Simple, fun and easy-to-use word processor designed especially for beginning writers. Allows children to express their ideas easily and then print them out in large type on your printer. Colorful opening menus make learning the simple commands very easy. Parents/teachers manual is on the disk. 128K. (Disk #41)

WORDCRAZE. Create your own word search puzzles and print them out for friends and family.

Just make the list of words you want in the puzzle and its printed out for you. Or try Quotefall, a unique type of scrambled word puzzle. And then theres a high-level version of Hangman. Just try escaping from the noose in this one! 256K (Update review 8/90) (Disk #87)

WORD GALLERY. Help your child learn to read with this colorful program that presents pictures and words to match. Its fun to use, has four levels, the last with a missing letter for the child to fill in for beginning spelling. 256K (Disk #125).

MATH & LOGIC GAMES. Designed for kids in Grades K-6, but fun for kids of all ages. Six different games can be played against the computer, or with another human. Each game teaches a different logic and/or math skill. 256K required. (Disk #126)



Special Offer

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Small, Fast Version Of A Great Word Processor

PC-Write Lite is in many ways ideal for PCjr users, many of whom have already tried and loved the original, more powerful versions of PC-Write.

PC-Write Lite seems to have been designed for laptop users. It uses less disk space (150 to 340K) and memory 256K without the spell checker, and yet it offers all the features most of us need--with a few more new ones thrown in.

Indexing, microjustifying and mail merge are some of the features that have been trimmed out of Lite. On screen page format previewing, fast print menu, and a formatting menu have been added.

Lite is so versatile and easy to use that the publisher of the best selling college English textbook bought the rights to package Lite with its books.

As with most full featured word processors, Lite takes some time to install and learn. But it comes with a tutorial and has extensive help menus, which, in our experience, are almost complete enough to teach you all you need to know.

We don't like PC-Write's spell checker much, but since Lite (as well as other versions of PC-Write) produces a straight ASCII text file, it is easy to use other spell checkers, such as the recently updated ShareSpell, disk #94.

Lite's ASCII text means you can write batch files and config.sys files with it.

Lite has all the usual word processor features for writing, editing and printing, so we won't bother to list them here. We'll just mention a few of it's strongest features, at least in our opinion. Having used and tested many of the top word processors, we find PC-Write's block editing features the best of all. It is easy and fast to mark a block of copy and either delete it, move it to another place in the same file or to another file being edited simultaneously, or to copy it to a file of its own.

Search and replace features are especially good, too. Lower case letters match upper case and accented letters, and spaces match other "white space" such as boundaries. Special wild cards can be used to find whole words only, text at the start or end of a line, or other special patterns.

Because students are a target group for Lite, it includes footnote features, with both bottom of page and endnote support. Automatic numbering of notes and other elements are also provided.

Although the full tutorials and manual are on the disks, in order to get a preprinted manual you must register PC-Write Lite. It is distributed as shareware and registration costs \$79 which entitles you to the latest version, manuals, technical support for one year and a quarterly newsletter. It is well worth it if you find you use and enjoy PC-Write Lite, as we think you will. PC-Write Lite is Disk Set #5, two disks for \$10.

Writing Essentials

GALAXY. One of the easiest to use word processors we've ever seen, Galaxy has all the features you need to write letters and do most word processing. It has many, but not all, advanced features. Its strength is its simplicity, with help menus always ready to assist you. You probably won't even have to read the manual. 256K ok. (Disk #69)

MIND READER. Experience the wonders of artificial intelligence! Use a full-featured word processor that guesses the words that you're about to type. Works like a charm! 128K ok. (Disk #74)

PC-WRITE LITE. The most powerful shareware word processor in a condensed but still incredibly useful package. Unless you need things like microjustification, indexing & mail merge, Lite can do what you need. 384K recommended. Reviewed 8/91 (Disk Set #5) \$10 for 2 disks.

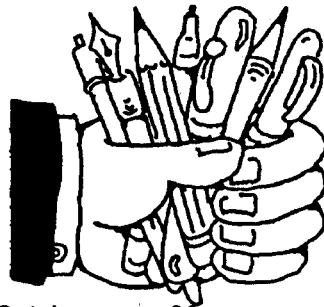
PC-OUTLINE. Organizes thoughts, notes, lists of just about anything. Powerful features create logical outlines, merge with your word processor, customizing allows you to rearrange and manipulate data. Outperforms many commercial programs, says PC Magazine. 128k. (Disk #17)

PC-STYLE. Perhaps the best of many programs that help you make what you write more readable. Jim

Button made this a very slick, useful tool for improving your writing. It reads and analyzes what you write, then gives you a detailed analysis based upon several useful standards. Fast, easy to use. 128k (Disk #76)

PC-WRITE. This extremely popular word processing software is both powerful and easy to use. A review in PCWorld said, PC-Write may well be more versatile than WordStar; it's certainly more straightforward. Version 2.5 runs well on 128K. Version 2.7 has more features and needs 256K to run without the spell checker, which needs 384K. Version 3.02, the most powerful, needs 512K. (Order Disk #1 for 128K V2.5. Order Disks #2A and 2B for V2.7. Order Disk Set #1 (3 disks) \$12 for V3.02.)

SHARESPELL V2.2 This update of popular spell checker has 112,000 word dictionary. It checks your word processing documents for spelling errors and replaces with correct spelling. Works fast and has ability to add your own words to dictionary. 384K. Reviewed 7/91 (Disk #94)



Telix Offers Telecommunication Power And Ease of Use

By Dorothy A. DeBisschop

Telix is an easy-to-use modem program which offers almost any advanced feature you can think of. The program allows:

- * powerful multiple dialing directories, with up to 1000 entries each. Each entry includes the phone number and communications parameters and may invoke an automatic procedure customized for that particular phone.

- * automatic redialing for hard-to-reach numbers.

- * DEC VT102 and VT52 terminal emulation with user definable keys.

- * extensive script language for automated logons and other complicated functions. Included with the program is one SALT script language which sets up Telix in Host Mode to act as a mini-BBS.

- * access to DOS through DOS shell and DOS Command-line options with full path support.

- * A Host Mode with file transfers, operator paging, a Remote

DOS shell, and two access levels.

- * A Chat Mode, keyboard macros, a scroll-back buffer, session capture, usage log, and a translate table,

Supports Wide Variety of Protocols

Telix's strongest point, in comparison to other telecommunications programs available for the PCjr, is the wide range of built-in file transfer protocols. File transfer protocols set the ground the rules when sending files from one place to another. Among those included in Telix are: Zmodem, Compuserve Quick B, Xmodem, Xmodem-1k, Xmodem-1k-g, Ymodem (TRUE), Ymodem-g, Kermit, SEALink, Telink, Modem7, and ASCII.

What if I want to use another protocol? Telix includes all the commonly used transfer protocols, but if you have a need for another, it can be added to the program. Telix supports up to four external protocols which can be added to the menu and run through the main program.

Telix runs on an PCjr with one hard drive and one floppy drive, or two floppy drives, and with at least 180k of free memory. (Memory available after DOS has been loaded.) For a few functions, such as the DOS Shell, more memory is helpful.

If you want to get the most out of your modem, give Telix a try. We think you'll enjoy its power and ease-of-use. Telix comes in a three-disk set, Disk Set #4. \$12 for 3 disks.



Telecommunications

BOYAN. Selected Best of the Year by PC Magazine, this outstanding telecommunications program will astound you with its smooth functioning and innovative features. Supports all protocols. Need 384K. (Disk #61)

JRTELE V2.1. Excellent, easy-to-use telecommunications software made especially for PCjr's, and the PCjr modem. Ideal for beginners, but has enough power and features for most users. Supports 300 and 1200 baud. PCjr internal or Hayes compatible external modems. 128K ok. (Disk #86)

PROCOMM PLUS TEST DRIVE. This is the upgrade of the already powerful and popular Procomm V2.42. Its got many new features including an improved host mode, context sensitive help screens, more powerful scripting. In addition to its power, its very easy to use. 256K (Disk #108)

PROCOMM. This powerful, yet easy to use telecommunications program has become the one favored by more PCjr users than any other. Dialing directory, auto redial, XMODEM, Kermit and other file transfer protocols, auto log-on, DOS gateway, keyboard macros, exploding windows and many other features. The editor of PC Magazine called Procomm com-

petitive with the best comm programs on the market. Manual on disk. 256K (Disk #15)

TELIXV3.12. Powerful, yet easy-to-use program, with variety of built-in transfer protocols. Features Z-Modem one of the most efficient and reliable transfers available. If youre disconnected while downloading, Z-Modem will pick up where it left off when you next log-on, thus saving connect time and telephone toll charges. Need 180K free memory after loading DOS and either two floppy disks or a floppy disk and a hard drive. (Disk Set #4) \$12 for 3 disks.

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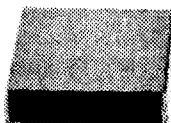
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Utilities

DISKCAT. Creates a catalogue of all files on all your disks, so you don't have to push disk after disk in your drive looking for that 1987 letter to the IRS. Makes table of contents for each disk, too. 128K ok Reviewed 10/91 (Disk #133)

4DOS V2.21. This is the ultimate utility since it replaces almost all DOS commands with new, improved versions. And it adds 35 more useful commands of its own! It will replace many of your favorite enhancement utilities. For example, 4DOS allows 40 character file descriptions, more flexible wildcards, multiple commands per line, handy conditional commands, command stacking, alias commands, faster batch processing and MUCH more! A must for all serious computerists. Reviewed 1/90 (Disk #102)

LHAV.2.11 Powerful archive software will compress even more than PKZip, (though not as fast). Many extra features to update, delete, list files in arcxhive, even extract and run. 256K (Disk #128)

POWERBATCH. Compiles batch files into .EXE files, which run as much as three times faster. Additional commands add power, control, & flexibility. Requires DOS 3.0 or above. (Disk #127)

BAKERS DOZEN. 13 powerful utilities by shareware star Jim But-

ton. Recover zapped files, save screen to files, print sideways, sort files, file management, locate text, pop-up calendar, powerful one screen spreadsheet, set screen colors, and more. (Disk #73)

BATCH FILE UTILITIES. A tutorial on how to create batch files and six utilities to use. 128K (Disk #26)

DOSAMATIC. A nifty way to view the contents of disks, easily manipulate files and carry out DOS commands. Features a Mac-like point and press interface which allows you to select the commands you want from pull down menus. Also permits loading several programs at once and jumping from one to the other. 128K ok, but more memory needed for multi-tasking. (Disk #49)

ASIC. Excellent BASIC compiler turns your BASIC programs into executable COM or EXE files. A shareware alternative to costly compilers. 128K (Disk #122)

LZEXE. Cut down dramatically on the disk space required for software. LZEXE compresses EXE files into 2/3 to 1/2 their original size and allows them to be run from compressed form. Great for keeping RAM disks small and memory free. Utility will also convert COM files. 256K (Disk #112)

MORE SUPER UTILITIES. A collection of excellent screen and keyboard enhancements, useful file managers, color selectors, and more. Under 128K ok (Disk #29)

NEW KEY. Powerful popular program that allows you to redefine keystrokes and assign series of keystrokes to one or two keys. Customize software to meet your needs. Many other useful features included. 128K. (Disk #35)

PC DOS HELP. Similar to PC-Prompt, but takes up less memory (16K) as a resident program. Geared to DOS 2.1 with special PCjr commands included. 128K. (Disk #24)

AUTOMENU V4.7 Make your own menu system to greet you every time you start up your trusty Junior (or PC,XT,AT,PS/2). This is perhaps the easiest menu system to set up, and yet it has advanced features if you want them. Uses only 32k. (Disk #123)

PC-DESKTEAM. Provides memory resident notepad, alarm clock, appointment calendar, typewriter, calculator, phone book, auto-dialer. Some say better than Sidekick! Quick, easy, powerful. (Disk #22 V1.04)

PC-PROMPT. A memory resident program that provides the format for DOS commands in an on-line mode. Help screen toggles on and off Also help screens for

BASICA, Turbo Pascal, Debug and EDLIN. 128K. (Disk #23)

PKZIP V.1.02. The new and increasingly popular file compression utility used by more and more BBSs. Includes PKUNZIP, the one you need to uncompress downloaded ZIP files, and many other features. 128K ok Reviewed 2/90 (Disk #104)

RAMDISK. Use ADJRAM to create a RAM disk of any size and adjust its size at any time without losing the contents. O use JRCONFIG to set up your PCjr. Both programs with complete instructions for creating and using RAM disks on you PCjr. Need 256K. (Disk #75)

SCOUT. Excellent memory resident (or not) file manager, DOS shell. Move, copy, rename, volume label, search, sort, printer control, view files, and more - fast and easy. Best we've seen. (Disk #81)

SPEECH. Make your Junior talk! With this software you can make your PCjrs internal speaker say anything you want. Very easy to use. No additional hardware required. 128K ok. (Disk #114)

SUPER UTILITIES. The 15 utilities in this collection include Undelete, to recover a mistakenly deleted file; a powerful command editor; a clock, notepad, time and calendar; another to redirect file

contents from printer to disk...and many more useful utilities. Under 128K ok. (Disk #28)

TEXT UTILITIES. Includes V7.0 of List.com, the powerful text viewing software, which adds many handy new features in this version. Also on disk: A versatile directory listing and disk labeler; the fastest text searcher we've seen; a handy copying utility with many features; a memory resident protection against overwriting precious files. 256K Reviewed 2/90 (Disk #103)

TYPEWRITER. When you'd rather use a typewriter instead of a word processor, this is the one to use. Couldn't be simpler. Margins, tabs, type size all can be set. Disk includes two printer control programs for higher quality output. 128K ok (Disk #93)

Print Utilities

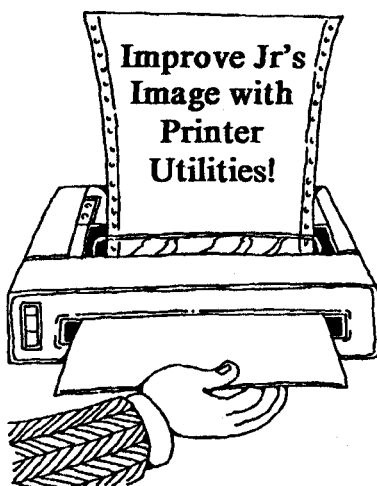
IMAGEPRINT V3.33. Produces near letter quality print on dot matrix printers. IBM Graphics Printers, Proprinters, Epsoms and compatibles. Contains many format features, three quality levels, interfaces with word processors. 256K ok. (Disk #50)

PRINT HANDLER. Excellent printer setting utility allows you to set features from a menu. Other software on disk for banners, sideways printing, custom font generator (Epson), print spooler, count pages before printing and more! Will work with most dot matrix printers. (Disk #51)

PRINT IT! Selection of programs allows you to print large banners as well as tiny (but quite readable) documents on most dot matrix printers. Compress four pages on one sheet with Docsmash, print on both sides of computer paper with Both, reformat into tiny columns with Microtext (many other options), make wall-length banners with Bannerific! 256K (Disk #111)

PIVOT! Allows you to view and print spreadsheet files. The files can be printed either in landscape or portrait on any Epson compatible dot matrix printer. Can be installed as an Add-In Utility in As-Easy-As. 384K recommended. (Disk #136)

SIDE WRITER. Prints text files and spreadsheets sideways on dot matrix printers. Has Menu System for configuration. Works with IBM and Epson compatible printers. Requires 128K Reviewed 9/91 (Disk #132)



Calendar Software Simplifies Planning

Here it is, folks--a well designed, easy to use calendar maker for you.

Calendar Mate version 4.0 is a full featured program designed to create personalized calendars. The user defines events to the program and it will display them on the calendars when printed. There are three types of calendars that can be printed - a monthly block calendar, a one page yearly calendar and a daily appointment calendar/scheduler.

In addition to the attractive printed calendars, Calendar Mate Version 4 can handle different types of repeating events. Simple intervals such as 'yearly' or 'weekly' are a snap, and it can also do '3rd Monday of the month' or 'Wed-Fri' types of events. Defining events to the system is a simple task. Much effort has been invested in making the program intuitive and user friendly. There is context sensitive help available anywhere in the program.

Calendar Mate is designed to help you keep track of important events. Many homes have a central calendar with everything from dental appointments to birthdays to PTA meetings marked on them. With Calendar Mate, you can enter these events into the database and print off a calendar to put up on your wall.

Calendar Mate's strength lies in its ability to handle repeating

events. You can enter your father's birthday into the database, specify that it is to repeat on a yearly basis and Presto! Every year, your father's birthday will be shown on the calendar.

Calendar Mate is extremely flexible. You can delete or re-schedule a specific occurrence of a repeating event without affecting other dates that the event falls on. There are no cumbersome codes to learn. You can define events in plain English. You can specify the date format -- whether 05/12/91 means May 12, 1991 or December 5, 1991.

As well as the simplicity and ease of use built into the program there are several powerful features including...

- Prints daily, monthly and yearly calendars.
- Simple installation procedure.
- Automatic computation of Easter and lunar cycles.
- Mouse support.
- Calendars can be printed in English, French, German or Spanish.
- Julian dates can optionally be included on monthly calendars.
- Events that repeat on a regular basis can have a single (or several) occurrences rescheduled without affecting the other occurrences of the event.
- Future dates for a repeating event can be displayed

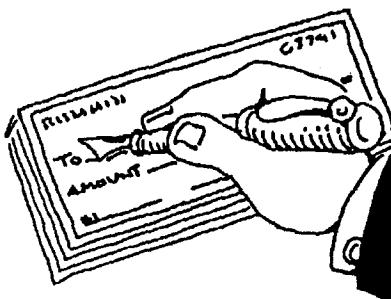
Calendar Mate runs well on PCjrs with at least 512K of memory. To order, please select Disk #115.

Home & Family Management

BITE BY BYTE. Let your PCjr design a sensible diet especially for you, and help you plan meals so you can lose weight without too much deprivation. It's fun to do and it really works! 256K Reviewed 10/91 (Disk #134)



EDNAS COOKBOOK. Will organize your recipes by subject, allowing for quick retrieval. Print out sorted collection for your own cookbook. 128K, 2 drives. (Disk #96)



CHECK PROCESSOR. Easy to use software for financial record keeping. Balance checkbook, print expenses by category, etc. 128K (Disk #59)

CALENDAR MATE V4.0 Design and print your own calendars with birthdays, meetings, events, appointments all listed for you. Many features. Easy to use with F1 help key available at all times. Need 512K. Reviewed 7/91 (Disk #115)

SKYGLOBE V2.5. View a map of the heavens customized for your location, date and time. Maps 10,000 stars, 300 with labels, 89 constellations. Many useful features such as brightness selection, zoom in and out, printing on dot matrix, a find feature, and an astounding on-screen demonstra-

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Jr Newsletter Software Catalog, page 34

tion of star and planet movement across the sky. 256K. Reviewed 7/91 (Disk #129)

WILLS. Written by a lawyer, this software helps prepare wills that are appropriate for many different situations. Includes 18 basic types, with many clauses that can be combined to create customized wills for most families. 256K (Disk #124).

FAMILY TREE. Powerful genealogy program with easy to use menu system. Prints handy research forms, checks your accuracy, prints variety of charts and can make your family tree into a book! 256K (Disk #109)

FAMILY HISTORY. Includes complete manual on disk with how-to info on tracing and setting up your family tree with detailed genealogical information. Easy to use and modif as you gather more data. New compiled version runs faster than previous version. 128K order Disk #33 alone. 256K order #33 and #33A.

HOME BUDGET MANAGEMENT SYSTEM. Easy-to-use system for keeping track of income and expenses. Create separate accounts for income tax categories and get a summary at end of year. Provides chart of accounts, transaction reports, sorted ledger entries, etc. 128 K. (Disk #57) Or v. 3.13 for improved screenwriting and disk access speed. 256K. (Disk #57A)

HOME INVENTORY. Taking an inventory of your home might even be fun with this easy-to-use software that takes you through the process step by step. Gives a complete record for insurance purposes. Also good for listing collections. 128K. Cartridge BASIC required (Disk #58)

RESUME SHOP. Makes preparing a professional looking resume easy. Guides you through all the steps of the process with a series of menus and suggestions. One page limit. 256K (Disk #121)

PC-CHECK MANAGER. A menu-driven program that can handle multiple checkbooks, unlimited payees and ledger account assignments. Requires 256K. (Disk #25)



SAVE THE PLANET! If you want to do your part to stop destruction of the earth's environment, this disk can help you. Let your PCjr explore this extensive database of information on the major environmental issues as well as what you can do to help. Charts, graphs, background facts, games and demonstrations all related to saving the only planet we have. Need 512K. (Disk #120)

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