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THE BEST TO YOU IN 1989

Continuing our study of Romans chapter 10...

¹⁴But how are men to call upon him in whom they have not believed? And how are they to believe in him of whom they have never heard? And how are they to hear without a preacher? ¹⁵And how can men preach unless they are sent?

As it is written, "How beautiful are the feet of those who preach good news!" ¹⁶But they have not all heeded the gospel; for Isaiah says, "Lord, who has believed what he has heard from us?" ¹⁷So faith comes from what is heard, and what is heard comes by the preaching of Christ.

¹⁸But I ask, have they not heard? Indeed they have; for "Their voice has gone out to all the earth, and their words to the ends of the world."

¹⁹Again I ask, did Israel not understand? First Moses says, "I will make you jealous of those who are not a nation; with a foolish nation I will make you angry."

²⁰Then Isaiah is so bold as to say, "I have been found by those who did not seek me;

²¹But of Israel he says, "All day long I have held out my hands to a disobedient and contrary people."

¹¹ I ask, then, has God rejected his people? By no means! I myself am an Israelite, a descendant of Abraham, a member of the tribe of Benjamin. ²God has not rejected his people whom he foreknew. Do you not know what the scripture says of Elijah, how he pleads with God against Israel? ³"Lord, they have killed thy prophets, they have demolished thy altars, and I alone am left, and they seek my life." ⁴But what is God's reply to him? "I have kept for myself seven thousand men who have not bowed the knee to Baal. ⁵So too at the present time there is a remnant, chosen by grace. ⁶But if it is by grace, it is no longer on the basis of works; otherwise grace would no longer be grace.

Paul is explaining God's plan, which relies on men to preach the gospel of Jesus Christ. Jesus trained and then commissioned the disciples -

"Go therefore and make disciples of all nations, baptizing them in the name of the Father and of the Son and of the Holy Spirit, teaching them to observe all that I have commanded you;" (Matthew 28:19-20)

Christianity began with these 11 disciples, who then spread the gospel as Jesus had directed them. Paul explains that belief in Jesus and the Gospel comes from faith and that faith comes from hearing the word of God (the Bible).

So, it all starts with someone explaining God's word or his plan

for salvation. When a person hears God's word with an open heart, faith is built up to the extent that the beautiful plan of salvation can be believed and accepted.

The reason that Christianity has spread so rapidly across the entire world is first of all because the gospel of Jesus Christ is true, second because Christianity is based on a personal God who sent his only Son to establish a personal relationship with us, and third because the gospel has power.

The life of Jesus was not one of idle talk about idealistic principles, but rather one of miracles that backed up Jesus' preaching. Each miracle Jesus performed, culminating in his raising of Lazarus from the dead, gave credence to his preaching. Let's look at the major ones -

1. WATER TURNED INTO WINE - Jesus was at a wedding and they ran out of wine. Jesus instructed the concerned hosts to fill several jars with water, he then told them to draw out the "water", which he had turned into wine. This miracle speaks of Jesus' creative power, taking the ordinary and turning it into something special.

2. FEEDING OF THE FIVE THOUSAND - This miracle not only shows that God supplies our physical needs, but Jesus' miracle of the loaves and fishes shows how God can turn impossible situations around (feeding over 5000 people with a few baskets of food !!) and make something where there is nothing. Jesus' real intent was to "feed" these people spiritually through his teachings, and he showed them this in the natural when he gave them all food.

3. BLIND TO SEE - There are several accounts of Jesus opening up blind eyes. What a miracle it is when someone who has never seen, is healed. Have you ever imagined what it would be like to be blind ?

Again, Jesus was on earth to open man's spiritual eyes to the reality of who God is, his plan of salvation and the principles of his Kingdom. If we allow Jesus, He can open up our eyes to the truth, just as he opened up blind physical eyes.

4. RAISING FROM THE DEAD - The miracle of miracles is when a dead person is brought back to the living. Jesus did this several times during His ministry. Again, the physical miracle is wonderful and amazing but it is also the evidence that Jesus is the "Resurrection and the Life" for mankind spiritually. Our physical bodies will all die one day, but our spirits will continue to exist. Through Jesus, our spirits can be "raised from the dead" and given life eternal in Heaven with God.

NIAD - A CHRISTIAN RUN BUSINESS

NIAD NEWS *and* UPDATES

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(GAME, PRINTWORKS, TEMPLE,
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CONTRIBUTORS:

S. McFarlane, W. Motel, J. Notini, P. Harris,
 N. Lukach, A. Neeley

products from these various suppliers who produced about 35 top notch programs in 1988. These programs run the gamut from games to utilities, education, graphics (which is hot area), etc. The ADAM continues to be supported by a wide variety of developers.

GODOS, the long awaited advanced operating system for the ADAM will hopefully be released early this year. We will see what new advances GODOS will bring.

Hardware development will resurge in 1989. The ability to add other disk drives, multiple interface boards and new memory expanders are in various stages of development.

I have just tried to touch on the major points for you. There are always the surprises that never cease to amaze me. Over the last four years, I have proven that I can't predict what new and crazy things will happen with our orphaned ADAM, but I can continue to say, and be proven right, that

ADAM LIVES !!!



From The Editor's Desk:

Happy 1989 to all of you.

We at NIAD/ COMPUKINGDOM wish all of you the best in this new year.

NIAD is now in our fifth year and going stronger then ever.

Christmas is always a hectic time around here, and your response to our renewal/ Christmas specials added to that! I want to thank all the NIAD employees who worked so hard to get all your orders out for Christmas - Eileen, Geri, Jim, Ajay, Don, Preston and my wife Julie and son Bret. NIAD wouldn't be here if it wasn't for the dedication of these fine folks.

What will 1989 bring for the ADAM?

I think that we will see more products that rely on the superior new generation of products that came out in 1988. Specifically, add ons for SPEEDYWRITE, PRINTWORKS, POWERPAINT. These programs have set a new standard for ADAM users to follow. Our sales of these products and dot matrix printers are evidence of the fact that ADAMites are upgrading to take advantage of the availability of these new products for home productivity. Watch for more from the developers of these great programs.

There are many other ADAM software developers out there. I am continually impressed by what a bunch of creative people have ADAMS. I look for more and more good



Notice



- How about some disk drives !!!

Yes, we have several double sided 320K Coleco disk drives in stock for a price of \$259.95. These drives will read all ADAM disks and give double the storage of the standard 160K single sided drives.

We are negotiating to purchase a number of Coleco single sided 160K drives. Please send in deposits of \$50 if you are interested in purchasing these drives. Price will be \$190 to \$225.

- We should have a supply of 64K memory expanders by the time you read this. Contact us for current pricing.

- There were so many of you that obtained ADAMLINK modems over Christmas time, we have included a list of ADAM bulletin board systems and an overview of the Compuserve Info service in this issue. Be sure to note that you will need either the ADAMLINK II, ADAMLINK III or the SMARTTERM software if you want to up or download software.

- Guess what, it is income tax time !!! Well, ADAMites now have an alternative to doing it all by hand - SMARTAX !! Yes, Jack Scatena of our own local Chicago group has developed a fine tax program that will do your 1040, 1040a, Schedules A, C, SE. SMARTAX prints out the data to either the ADAM or a dot matrix printer. All tax schedules are included or you

can enter your own tax liability amount. SMARTAX can save you a lot of time, as well as give you the ability to quickly estimate your tax liability given different combinations of itemized deductions.

⇒ NIAD welcomes software developers to submit their programs for us to evaluate for possible commercial sale. Send your products to us at the P.O. Box address.

⇒ NIAD also offers a newsletter exchange program for all ADAM newsletters - we will give a free newsletter subscription in exchange for a subscription to the other newsletter.

⇒ We are working on compiling a list of all ADAM support groups across the country - user groups, software/ hardware developers, retail/ mail order sale outlets. If you want to be included in this list please send us information.

⇒ Phillip Kosowsky now does repairs on ADAM disk drives as well as the ADAM system itself. Contact him at:
6067 Jerusalem Dr
Cicero, NY 13041 Telephone (315) 699-6456

⇒ We have been notified that there is ADAM repair available from:
Oscar's Computers
105 Beach Drive
Ft. Walton, FL 32548 Telephone (904) 862-1007

⇒ MEGASYSTEM XR, from Digital Express, has been indefinitely postponed.

⇒ Doug Rosenvinge of Acolyte Software has added OPEN RECIPE to his OPENFILER software package. Now the user of OPENFILER can use his SmartFILER and Recipe FILER databases with any wordprocessor or database program (such as DBASE) or move their database to another computer system such as IBM PC, MAC, etc. via a modem or disk conversion. OPENFILER creates a pure ASCII copy of your database on another disk or tape so your original database is undisturbed. Program options include selecting individual records, groups of records, full "Text Field" recovery, optional comma replacement for DBASE or Basic, and much more. OPENFILER 3.0 is available for \$19.95 from NIAD.

⇒ Terry Fowler of ADAM's House has completed INVOICER, a program that both does invoice printing as well as inventory tracking for up to 500 inventory items. A 64K memory expander is required. Price is \$14.95. We will have a review in next month's issue.

⇒ ADAM's House has also developed a nice metal cover for the standalone printer power supply. Price is \$14.95 from NIAD.

⇒ TRISYD products has completed an upgrade of their MEGACOPY product - full review next month.

⇒ PIT of RESHUS, the sequel to the amazing TEMPLE of the SNOW DRAGON is nearing completion.

⇒ Wizard's Lair Software has completed EASY AS A,B,C.

This is a great educational program, designed for 6-9 year olds. Over 75 clip art color graphics are used in two games - compare and spelling. The ADAM is in sore need of more children's educational games. See our review in the next issue.

⇒ Our Chicago local chapter meetings are a great way to learn more about our beloved ADAM. You have the opportunity to meet fellow ADAM owners, ask questions and see live demonstrations of new products. We meet here at the store on the second Thursday of each month at 7:30 PM. The February meeting will be on the 9th. Note: We always have surprise specials on products as well.

⇒ If 1288 or 0189 are the first 4 digits of your member number as printed on your mailing label, this is your last issue. Send in your renewal of \$19 for Third class/ \$26 for 1st class/ Canadian.

⇒ We have exercised due care in the preparation of this newsletter. No warranty expressed or implied with regard to the information contained herein is given, either by interpretation, use or misuse. The opinions expressed herein do not necessarily reflect those of the editor or staff.

NEW PRODUCTS/ SPECIALS

* 64K memory expanders WITHOUT THE 2 required 4464 memory chips - \$27.95 (these boards have all the other chips and pre-installed sockets for the 2 memory chips).

* 64K memory expanders with memory chips - \$CALL

* CompuServe Stater Kit with \$25 credit towards CIS time - \$29.95

* SMARTAX 1988 tax program - \$17.95

* Standalone ADAM printer power supply with case and operating light - \$49.95

* ADAM double sided disk drive - \$259.95

* BORDER'S PLUS (for PRINTWORKS) - \$15.95

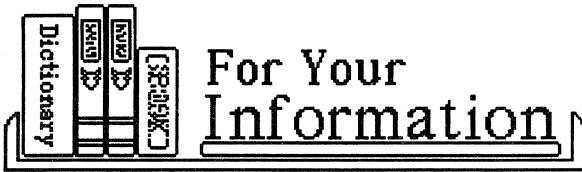
* SUPER ACTION CONTROLLERS w/ BASEBALL cartridge - \$49.95

* OPENFILER V 3.0 - \$19.95

* G.A.M.E VOL 2 - \$11.95

* SPEEDYWRITE SPELL (works with SPEEDYWRITE V 2.0 & requires 64K memory expander) - \$24.95

* SPECIAL - SPEEDYWRITE WORD PROCESSOR V 2.0 AND SPEEDYWRITE SPELL - \$57.95



What is GoDOS?

What will it do for me?

When will it be available?

Will it only be for programmers and technical people?

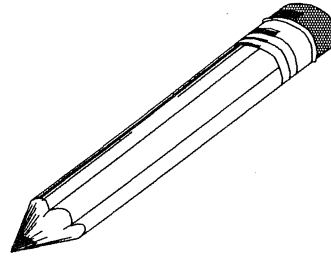
These are some of the questions which we have been receiving on the status of GoDOS. Following are the answers to these questions:

1) GoDOS is a Graphics Oriented Disk Operating System being developed by Digital Express. From what I have heard, it will truly revolutionize software for the ADAM. The program will be icon driven (which means a mouse will be a nice addition), meaning to perform a function, all you have to do is point a click. GoDOS will also be compatible with programs already available such as PowerPAINT, SmartWRITER, Clipper and so on.

2) GoDOS will make operating your computer and absolute dream! No more looking through 50 pages of manuals when all you have to do is point and click. GoDOS will also give you unheard of flexibility as far as the use of any memory expander (64K XRAM up to 1 Megabyte), any size disk drive (160K,320K,360K,640K, or 720K). For you people out there with the EVE or OBS 80 Column Units or the EVE SS-CC Speech Synthesizer, GoDOS will take advantage of these also.

3) This is a good question. GoDOS was planned for release almost 9 months ago and is easily the most awaited software program ever developed for the ADAM. What many people don't realize is the complexity in developing a new disk operating system and also keeping it compatible with the old disk operating system. Don't be surprised if you see GoDOS available within the coming month, but don't be surprised if you don't!

4) GoDOS will be for everyone! From the programmers and very technically oriented to the person that knows a lot about computers, but not from a programmers point of view, all the way down to beginners. When GoDOS becomes available, other software titles are planned to be released: GoWRITER - a new word processor that will parallel SpeedyWrite V2 as far as functions and the ability to use clip-art in your text. GoCALC - A new spreadsheet program that will replace the old and outdated ADAMCalc. Will allow for sideways printouts. GoLINK - Another modem program, but the one to watch for. GoFILER - A new database program that will replace SmartFILER and allow for so many more features as far as sorts, searches, printing, etc. GoNEWS - A desktop publishing program. This is one program that will make creating newsletters a dream. WATCH FOR IT!



ADAMCALC TUTORIAL By N. Lukach

Page 5. After loading Adamcalc the tape stops and asks if you want HELP. Take the tape out THEN press VI no (spins less)

I, II, III, IV, V, VI refer to Black keys (Smartkeys)

Page 9. If you want LETTERS or items to be on the right side of the cell.

- 1-I
- 2-type entry
- 3-<R>

Page 9. Entries on LEFT side

- 1-Type entry
- 2-I
- 3-<R>

Page 9. To have numbers at right side.

- 1-I
- 2-entry
- 3-R

Page 12. Copy a formula from one cell down to another in the same column. To preprint consecutive numbers in a column n. Enters 1 in [3,1]. Enter the formula [r-1,c]+1 in cell [4,1]. Then press VI till you find IV movecopy. 1-IV, 2-V copy, 3-II copy to cell 4-V copy to line..... press down arrow, move to pointer from cell [4,1] to cell [59,1] Stop. Press 5-V copy to line. Set format to Whole numbers I instructions on page 24.

Page 25. Column width. This tutorial is 30 spaces col 1. 2 spaces col. 2. and 30 spaces col 3. The line ends over the V that is in Smartkey V

Page 35. Use STORE SHEET III only. Do not use Store values it keeps program NOT RESULTS

Page 51. Recalc. Always use Manual Recalc. Work only in Manual Recalc mode to save time. Keep pressing VI done edit and More till you see the Smartkeys you want to use.

Page 78 Printing. 11 inch is about 60 lines. 14 inch is about 76 lines.

TO PRINT OUT A 14 INCH SHEET

- 1. Press PRINT
- 2. Press III, paper options
- 3. Press V Legal
- 4. Press III single
- 5. Press VI print values
- 6. Press VI
- 7. Press VI print sheet
- 8. Press III, IV, V cancel #s
- 9. Press VI start print

TO INDENT Type a period at the start or the line. Then type

your line. Press I then <R>

. This an indented line. You can remove the period by using I Edit. The space will remain as is. Use space bar to remove period. You can also use INSERT and then INSERT spaces using the spacebar. No period to remove.

PRINT OUT OVER 72 SPACES

1. Assume you have 12 columns of 12 spaces each.
2. You want to print out the spreadsheet.
3. It is 60 rows long.
4. Page 81 & 82
5. Press PRINT
6. Press VI printvalues
7. Set cellpointer, (the white rectangle) to top left corner [1,1] Press V printblock
8. Move cell pointer to [60,6] and press V printblock.
9. Finish print routine and eventually press VI startprint
10. After first 6 columns are printed out the n print out the next 6 columns.
- 11 Set cellpointer at [1,7]
12. Press V printblock.
13. Move cellpointer to [60,12]
14. Press V printblock
15. Go through print routine
16. Print out sheet.

Page 91. Store sheet. Always use this. Store your programs immediately before printing. Store your spreadsheet if it is a long one and you are only partly done. (((power failure)))

NOTE: THERE IS MUCH MORE TO THIS TUTORIAL, WRITE AND REQUEST A FREE COPY OF THE ENTIRE ARTICLE (INCLUDE A SASE)

PUBLIC DOMAIN WORKSHOP

HOW ABOUT A CONTEST ?

Take the following graphic program "SNOW" and spruce it up in an innovative way to win fame & fortune !!

Here are rules:

1. The program can't be any more then 3 blocks long
2. All entries must be post marked by February 28th - send a disk/ ddp with the program & documentation
3. Each routine added must be documented as to what it does and how the result is accomplished.
4. NIAD staff will judge all entries based both on the resulting "look" of the program and the programming techniques used.
5. SMARTBASIC 1.0 must be used.

```

10 HOME: DIM dp%(30, 1, 11), ll%(30)
20 FOR l = 0 TO 30: dp%(l, 0, 0) = 70+RND(1)*169
30 dp%(l, 1, 0) = RND(1)*15: FOR y = 1 TO 11
40 dp%(l, 0, y) = dp%(l, 0, y-1)-INT(RND(1)*3)*3
50 dp%(l, 1, y) = dp%(l, 1, y-1)+14+INT(RND(1)*5): NEXT y
60 dp%(l, 1, 11) = 189: NEXT l: h = 0: v = 0
70 HGR2: HCOLOR = 3
80 hd = 0: tl = 0: p = hd: ll%(0) = 1
90 HPLLOT dp%(0, 0, 0), dp%(0, 1, 0)
100 f = 0: FOR y = 1 TO 400
110 t = ll%(p): HCOLOR = 0
120 HPLLOT dp%(p, 0, t-1), dp%(p, 1, t-1): HCOLOR = 3
130 HPLLOT dp%(p, 0, t), dp%(p, 1, t)
140 ll%(p) = t+1: IF p = tl THEN 170
150 p = p+1: IF p > 30 THEN p = 0
160 GOTO 110
170 IF f > 0 THEN f = f-1: GOTO 200
180 HCOLOR = 0: HPLLOT h, v: HCOLOR = 3: h = 60+RND(1)*169

```

```

190 v = RND(1)*150: f = 3: HPlot h, v
200 IF y > 389 THEN 240
210 t1 = t1+1: IF t1 > 30 THEN t1 = 0
220 ll%(t1) = 1: HPlot dp%(t1, 0, 0), dp%(t1, 1, 0)
230 IF y < 11 THEN 250
240 hd = hd+1: IF hd > 30 THEN hd = 0
250 p = hd: NEXT y: HOME
260 FOR d = 1 TO 800: NEXT d: GOTO 70
    
```

--- NIAD PUBLIC DOMAIN ---

--- SmartBASIC VOL.#BNDV30 ---

SMARTBASIC 2.0 PROGRAMS

--- PROGRAM DESCRIPTIONS ---

NOTE: THERE ARE SOME GREAT PROGRAMS ON THIS VOLUME THAT SHOW SOME OF THE POWER OF SMARTBASIC 2.0.

SMARTBASIC 2.0 IS IN THE PD AND AVAILABLE FROM niad FOR \$6 ON DDP/ \$4 ON DISK.

HELLO Gives the user a choice of running 1 of 7 graphic demo programs on this media with descriptions. To view the remaining files on this media choose (9) MENU-2.

MENU-2 Contains a menu of the remainder of the that can be executed on this media.

BALL Simulates a ball bouncing using animated multi-colored graphic blocks.

KALEID Simulates a kaleidoscope using ever changing multi-colored mirrores patterns

MAZECREATE Creates a maze combining low-res graphic and ASCII characters. Use the keyboard to find your way out. Three levels.

MIRRORDRAW GR drawing program that mirrors your design both vertically and horizontally for symmetrical designs.

E-CRAYON Allows you to draw in hi-res graphics in any of 16 colors.

SHAPE Takes a shape from ADAM's ROM and rotat-es it, changing colors, making geometric art.

* ASCII DRAW Drawing program that works in text mode. Lets you drive a cursor around the screen and create graphics using letters and punctuation marks. Printout option. Shapes Choose between boxes,dots, diagonals and squares and watch as the computer fills the screen with this pattern.

* Car-Racer Drive your car along the road without hitting the sides. Access Setup an access code for your programs so no one can tamper with your work. Default access number is 504613. To To change load

* Access, then list line 100. Then enter six digit code.

* Bytec.BAS A good block editor. Read READMEDoc file AscChg.BAS Allows for the changing of any letters, numbers, or words in a program, catalog or even SmartBASIC command words.

* RamAsc.BAS Displays ASCII characters in RAM at an address range selected by the user.

* BlkAsc.BAS Asks for a range of blocks to read in and then displays the contents contained on the block(s).

* Sorcerer You are a great and good knight of the round table. You were on a quest to save a damsel in distress when an evil sorcerer captured you and through you in the dungeon. You must escape!

* King You have 8 years to keep your country from becoming extinct. Can you do it.

* Plaids This program creates a constantly chang-ing plaid pattern. To stop press CNTL-C.

* Poker Play a friendly game of poker against the computer. Pandora Hurry to save your loved one before time runs out in this ever-changing maze. Use joystick #1

* hen Great graphic animation of a hen laying an egg. elephant Graphic animation at it's best of an elephant drinking water than spraying it out through his trunk.

* diver Graphic animation of a diver in the ocean being followed by a shark.

* switch Small squares are arranged 4 by 4 in rows by colors. At the start, row colors are yellow, red, blue and green. The object of the game is to switch the rows to the reverse order. GREAT!!!

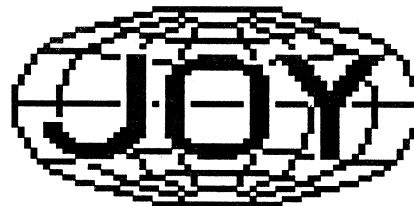
* whale Graphic animation of a whale shouting water out of it's spout.

* READMEDoc Documentation file.

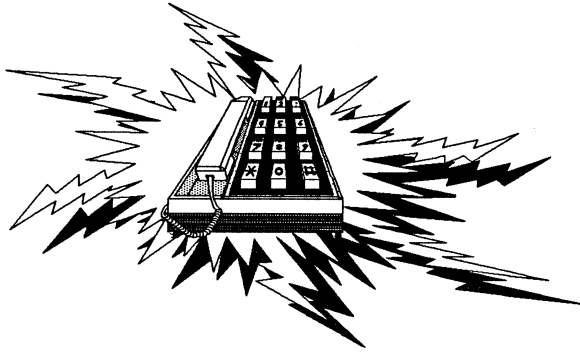
* NiadBNDV30 Descriptions of all files on this media.

TOTAL OF 28 FILES WITH SmartBASIC V2.0 = 158K

P.S. The files (elephant, hen, diver, switch and whale) all use anima-tion in their operation. For some reason or another the animation causes a problem when quitting one of these programs and using a different program. After using one of these files, it is recommended that you pull the computer reset to start over. I would have left them off, but they are really great programs. Hope someone out there can figure out how to correct this problem. If anyone does, please let us at NIAD know, or send in the corrected version. NOTE: The programs mentioned run without any error, but you will have to reboot to use another program.



TELECOMMUNICATIONS WORKSHOP



Calling Dr. Howard, Dr. Fine, Dr. Howard by Jim Notini

Below is a list compiled by Alan Neeley, the editor of ADAM-LINK of UTAH. Hopefully you will find this list of value and also it will help you meet other ADAM owners across the country. Also, included in this article is a description of CompuServe and some of the advantages of signing up with them.

Telenet (a U.S. SPRINT company) has got a service that is really becoming popular among modem owners. This service is called *P.C. Pursuit* and it allows you to call with your modem to 25 major cities across the U.S. for a flat rate of \$25.00 per month (and they will be adding more cities in the future). Other stipulations include that you must live in a city that offers P.C. Pursuit before you can use it, and you must have a credit card to charge your bill to each month. A fortunate thing for ADAM owners is that there are at least 5 ADAM oriented BBS's located in P.C. Pursuit cities (4 of them A-NET Systems) all across the country!

St. Louis is also being added to the list of PCP cities (it is currently only available at 1200 baud) which means another two BBS's could be added to this list.

If you would like to find out more information about this service, you can call Telenet and ask them at their TOLL FREE number: 1-800-835-3658.

Thank you Mr. Neely for this information, BTW, Alan Neeley is the designer of A-NET which is a BBS program which could be set up on an ADAM. Contact him at:

ADAMLINK of UTAH
2337 South 600 East
Salt Lake City, UT 84106 or give him a call by voice or through his BBS (see below).

All you need with your ADAM is the ADAMLINK modem and communications software. The software you received with your ADAMLINK modem will allow you to call these boards, but not up/download software. Order ALINK v2.0, v3.0 or the SMARTTERM program for this.

SLC ADAM-LONK BBS Sysop:Alan Neeley
300/1200 baud/7-E-1/A-NET/PCP city
6PM-7AM (MT) Mon-Fri 24 hours weekends
(801) 484-5114

PHEONIX ADAM-LINK BBS Sysop:Rusty Gillott
300 baud/7-E-1/A-NET/PCP city
24 hours 7 days a week
(602) 936-3892

The Trading Post BBS Sysop:Herman Mason
300 baud/7-E-1/A-NET/PCP city
24 hours 7 days a week
(216) 791-4022

Up'N ADAM BBS Sysop:Bart Lynch (Zonker)
300 baud/7-E-1/A-NET/PCP city
24 hours 7 days a week
(206) 859-2018

St. Louis BBS Sysop:Al Fitzgerald
300 baud/7-E-1/A-NET/PCP city?
9PM-6AM (Central) Thur-Sun
(314) 773-1551

The Gate BBS Sysop:Bob Warren
300 baud/7-E-1/A-NET/PCP city?
9PM-9AM (Central) 7 days
(314) 358-2711

Rocky Mountain BBS Sysop:Jesse Thornhill
300 baud/7-E-1/A-NET
8PM-8AM Tues.-Sun.
(719) 783-9539

TAPPS Music BBS Sysop:Terry Cairns
300 baud/7-E-1/A-NET
9PM-2AM Mon-Fri 24 hours weekends

OBS BBS Sysop: BJ/Ron Collins
300/1200/2400 baud/8-N-1 or 7-E-1
6PM-8AM (East.) M-F 24 hours Sat-Sun
(216) 882-4720

Freedom Church BBS Sysop:Ed Walton
300 baud/8-N-1/ADAMCastle/PCP city
8PM-4AM (MT) 7 days
(801) 561-2216

T.G.O.H. BBS Sysop:Shane Pessetto
 300/1200 baud/7-E-1/C-NET/PCP city
 24 hours 7 days a week
 (801) 942-8464

LVAC BBS Sysop:Harvey Seppala
 300 baud/8-N-1/Auto Line Feed ON
 24 hours 7 days a week
 (702) 873-8056

Hudson ADAM-LINK Sysop:Fred Vicente
 300 baud/7-E-1
 24 hours 7 days a week
 (201) 224-5764

Tony's Place Sysop: ???
 300/1200 baud/8-N-1/PCP city
 24 hours 7 days a week
 (313) 754-1131

ADAM NEXUS (DEI) Sysop:Sol Swift
 300/1200 baud/8-N-1
 7PM-8AM (East.) M-F 24 hours Sat-Sun
 (304) 465-1341

I personally have only been on two of the above boards, OBS and ADAM NEXUS, and have nothing but great comments to pass on about these two BBS's. Tony Morehen developed the actual BBS software and it works fantastically. You can check bulletins (sometimes you'll find specials on hardware and software), leave the sysop some feedback or actually talk to the sysop by paging him, compose messages to place on the board, read the message base, scan the message header for selection of which to read, browse through the public domain library to see what's available for download, you can also upload software. You can also place orders on these boards by using the feedback to sysop option.

These boards are really top notch and are a very good way to get your questions answered by the sysop or someone else who may use the board. The possibilities are just about limitless and also you may find out about projects way before they appear in any newsletter. Best of all, these two BBS are run on ADAMs.

I know you are saying, 'These are long-distance calls!', well there is a solution to that problem if you want to get into telecommunications, and it is COMPUSERVE INFORMATION SERVICE (CIS). CIS has 1000's of local access phone numbers in all but the small cities.

Yes, CIS is still around and they still fully support the ADAM in the Computer Club Forum (GO CLUB), section 9 is ADAMania and section 10 is ADAM CP/M. What does CIS have to offer you? In addition to the multitude of general services provided:

COMMUNICATIONS - Electronic mail, National bulletin

board, CB simulator

MONEY MANAGEMENT - Market quotes, Company data, Banking, Economic projections, Personal finance, Business news, MICROQUOTE

BUSINESS INTEREST - Aviation, Business mgmt, DP, Media services, Engineering, Legal Services

EDUCATION - IQuest, American Encyclopedia, Government data, Demographics, Consumer reports, College Guide, Computer Library

PERSONAL COMPUTERS - Software/ Hardware forums, Magazines, Science/ Technology, Graphics, etc.

NEWS/ WEATHER - Associated Press, Sports wire, Nat'l Weather Service, etc.

ENTERTAINMENT/ GAMES - Adventure, Parlour, Simulation/ sports, Trivia, etc.

HOME/ HEALTH/ FAMILY - Personal finance/ banking, Health/ Fitness, Electronic Mall shopping, Hobbies, Art, Music, Automotive

TRAVEL - Airline reservations, Hotel, Car, US and International

ELECTRONIC SHOPPING - Save up to 50% on name brands !!! Shop from home and compare prices with local stores.

ADAM SPECIFIC - Due mainly to Rob Friedman (Sysop Sec.10) and Tim Nunes (Sysop Sec.9), you have virtually a limitless amount of ADAM public domain which can be downloaded. The libraries which are available contain either EOS (SmartBASIC, SmartLOGO, ASCII, etc.) or CP/M programs and a lot of times freeware will show up first on CIS. One of the best options available on CIS is the message base. Through the message base you can compose messages and send them to certain people or if you are having difficulty with a certain program or your computer, your message(s) will more than likely be answered within the same day by one of the sysops or by anyone in general. Through the message base you can also find out about new products way before a newsletter can get you the information.

The possibilities of the message base are limitless, but my personal favorite is the weekly CONFERENCE (CO). This is where a number of CIS members can get together and talk to one another through the computers. You can be talking to one person in California one minute and the next minute be talking to someone in New York. It's great and very good way to make new friends also.

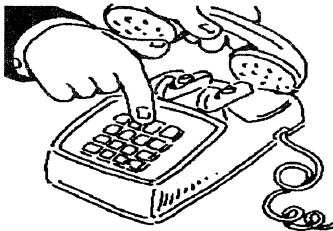
The weekly CO's are held on every Sunday night and start at 10:00 EASTERN, 9:00 CENTRAL and 7:00 MOUNTAIN TIME. Also, there are many regulars at the CO such as John Lingrel, Tom Clary, Tony Morehen, Ron Collins who are all experts on the ADAM as far as hardware, software and programming/ And of course Rob Friedman, Tim Nunes and myself are there for each CO. Our hats are off to Rob and Tim for their hard work on CIS, if it wasn't for these two men, CIS would have probably dropped support of the ADAM long ago. KEEP UP THE GOOD WORK GUYS.

If you are interested in finding out more about CIS, you can pickup a CompuServe Starter Kit from us here at NIAD for \$29.95. This starter kit contains your ID and password, a complete reference manual on CIS covering the multitude of services provided as well as operating instructions and as a bonus \$25 worth of FREE credit towards CIS charges.

USED / SWAP CORNER

NIAD will be selling used items that we have purchased from ADAM owners. Additionally, members may send in lists of items they want to sell or trade with other members.

We have a few of each item available, we will have to restrict orders on any of the products listed below to phone orders (first call, first serve). If we do take mail orders, it would become a terrible mess. For example, we might receive two orders on the same day for the same product and only have one in stock. So you see that it would not be fair for the person that we don't sell the product to. So please, as they say on the commercial: **PHONE FIRST!** If we do receive any orders through the mail, we will promptly return your order.



CARTRIDGES

Brain Strainers	\$10
Cabbage Patch Kids: Adv.	\$5
Campaign '84	\$10
Carnival	\$10
Centipede	\$7
Dam Busters	\$15
Defender	\$7
Facemaker	\$10
Fortune Builder	\$15
Fraction Fever	\$7

FLASH - FLASH - FLASH

Complete ADAM System (Memory Console, 1 Tape Drive, Keyboard and Daisy Wheel Printer) with all manuals and software in original box and bags.

CALL FOR PRICING !!

Jukebox	\$10
Learning w/ Leeper	\$7
Logic Logics	\$7
Looping	\$10
Monkey Academy	\$10
Mouse Trap	\$10
Slither	\$10
Smurf Rescue	\$10
Telly Turtle	\$10

Software

32 Basic Programs w/Book	\$12
2010: Text Adventures	\$12
ADAMCalc	\$12
CP/M 2.2 & Assembler	\$15
Diablo	\$10
Expertype	\$10
Flach Facts: Flashbacks	\$6
Flash Facts: Trivia	\$6
Flash Facts: Vocabulator	\$6
Lab Mouse	\$8
PackCopy	\$6
Personal Accountant	\$7
SmartLETTERS & FORMS	\$10
SmartLOGO	\$15
Super Donkey Kong	\$12
Super Donkey Kong Jr.	\$12

BOOKS

The Basic ADAM	\$10
First Book of ADAM (TAB)	\$5
First Book of ADAM (QUE)	\$5
ADAM Resource Directory First Edition	\$8
ADAM Resource Directory Second Edition	\$9
Hacker's Guide to ADAM Volume II	\$7

ADAM HARDWARE

Super Action Controllers w/ Baseball Cartridge	\$35
Exp. Mod. #2 Driving Mod. w/ Turbo Cartridge	\$35
Roller Controller w/ Slither	\$35
Exp. Mod. #2 Driving Mod.	\$25
Tan Joysticks	\$3
Keyboard Attachment for Joystick Holder	\$3

Digital Data Drives	\$10
Keyboards	\$10
Magnavox 80 Column Monochrome Monitor	\$75
Amdek Amber Monitor	\$60
Colecovision/Exp. Mod. #3 with Tape Drive	\$70
ADAMnet Cables (Coiled)	\$1
TV A-B Switch w/ cable	\$8
ADAM Daisy Wheel Printer	\$79.95
ADAM Daisy Wheel Printer with Tractor Feed	\$125
ADAMLink Modem	\$25
Okidata 20 COLOR printer w/ ADAM Plug 'N Print & cable	\$125

ATARI 2600 CARTS

Asteroids	\$5
Atlantis	\$5
Boxing	\$5
Cosmic Ark	\$5
Defender	\$5
Demon Attack	\$5
Empire Strikes Back	\$5
Haunted House	\$5
Missile Command	\$5
Riddle of the Sphinx	\$7
Robot Tank	\$5
Smurf Rescue	\$5
Spiderman	\$7
Star Raiders w/Keypad	\$10
Star Voyager	\$5
Super Challenge Baseball	\$5
Venture	\$5
Yar's Revenge	\$7
Warlords	\$5

ADAM Expansion Module #3 for sale -
Contact Capt. R.D. Symonds, Qtrs.
4148 Air Force Academy, Colorado
Springs, CO 80840



REVEIWS



G.A.M.E. Vol. II Reviewed by Jim Notini

Now stop before you jump to conclusions! This is not a game or collection of games, rather it is a collection of 14 *high-resolution screens with accompanying musical tunes* that really show off the ADAM's graphic and sound capabilities.

I bet your saying, 'Why is it called G.A.M.E.?' G.A.M.E. is short for Graphic and Musical Ensemble and it was put together by Dave Carmichael and Sol Swift and is distributed by Digital Express (1 data pack or 2 disk set).

Upon boot, you are presented with a nice graphic screen while the main program loads into memory. Once loaded, you will have three options:

- 1) **play all songs** - will cycle through all the pictures and their accompanying songs
- 2) **select song** - allows for the selecting of a certain song which will play on and on until you press the escape key
- 3) **exit game** - will reset the ADAM.

By now you are saying, *What good will this do me?* In one word I can answer this, ENTERTAINMENT. It is really nice to see ADAM's graphic abilities pushed to the limits. A lot of time has gone into the actual design of the screens and also into the musical scores. My personal favorite is the Music Box Theme where three of the Peanuts characters (Snoopy, Woodstock and Linus) are playing instruments or whistling along in a courtyard with Garfield.

Another way in which this program can be useful is to *use it for a video tape header* or as we have done at NIAD, by using it *as a demo for our ADAM system* in the store.

There are currently **three different volumes** of G.A.M.E. available with Vol. II offering titles such as Mr. Roboto, Batman, Mission Impossible, Pink Panther, Swift Special, Music Box Tune, Airwolf, Moon River, Battle Star Galactica, Hawaii 5-O, Close Encounters, Dr. Who, Star Wars and Brahm's Lullaby.

RATING - A-



PrintWORKS: In Depth! Part II by Jim Notini

Yes, I'm back with more info about PrintWORKS (PW). This time around I will be *going over the utility part of PW* along with the three programs by Digital Express Inc. (PowerPAINT, Clipper and FontPOWER) which can be used along with PW to create a sort of CAD (Computer Added Design) environment.

From the main menu press SmartKEY II to access the PW utilities. Once in the utilities section you have four more options, the first being transfer.

TRANSFER

Transfer allows one to copy either the program (actual PW files), borders, clips or font files to the ramdisk if you have an XRAM board. This is really a super option since you can run the whole program from ramdisk if you have at least a 256K XRAM board. The access time is considerably faster and it makes the program a lot easier to use. If you have a 64K XRAM board, then you will have to decide which files you will want to put onto the ramdisk. If you are just going to work with one aspect of the PW and not switch to another, then you will be better off transferring the border, clip and font files. If you are going to be doing work with all phases of PW, then it is better to transfer the PW system files and load the graphics files from disk.

CONFIG. CLIP

The second option from the utilities main menu allows for the configuring of clip-art files that were designed with Clipper. With this option you will be able to configure any clip-art file to the PW format.

As of now there are eleven volumes of PaintMATES in the NIAD Public Domain, each volume contains about 20-30 clip-art files. Additionally, Wizard's Lair Software has two volumes of clip-art on the market, each volume contains 45 and 48 clip-arts respectively which were designed on the ADAM (E&T Software know sells the two clip-art volumes already configured for PW or for use with PowerPAINT/Clipper) and retail for \$11 or \$12. So you see, there are already hundreds of clip-art files which can already be used with PW or you can test your creative abilities and design your own clip-art files with Clipper.

Another route you may wish to take is to create pictures with PowerPAINT instead of Clipper. I would recommend that you choose this option since PowerPAINT offers many more features than Clipper as far as graphic design. Also, in the NIAD Public Domain are eighteen volumes of N&B pix, 2 volumes of Art Gallery and 3 volumes of RLE pics. These volumes are for use with PowerPAINT and are full screen pictures, the nice thing about these PD volumes is that you can load the pictures into Clipper and capture certain parts of the screen and then save the captured section as a clip-art file.

CONFIG. FONT

The third option from the utilities main menu allows for the configuring of font files which were designed with FontPOWER. This option will add to the number of different fonts which can be used by PW. There are probably close to 100 different font files already made, some are included with the FontPOWER program and probably the best font files are included with a Digital Express package called: PaintAIDE and the Swift Font Kit. There are 20 font files included with the package ranging from gothic to stencil to sans serif and so on. Also, even though it may take some time to create your own font files with FontPOWER, it is a very handy option and should not be overlooked.



BORDERS

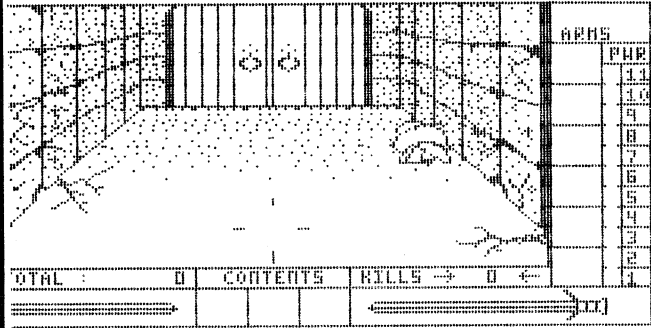
As of know, borders are the only element of PW which can't be designed through PW or any other program, and therefor you can only choose between the 10 borders that come with PW. But, with an **optional package called 'BordersPLUS', which has just been released by Walters Software Co.**, you will have an additional 12 borders, 3 new font files and a bunch of new clip-art files. This additional package is highly recommended if you will be using PW a lot. Remember, also, that you can create a border out of clip-art files as I did in the Nov. issue of NIAD or if you want you can create clip-art files which make up a border which will be similar to the ones included. By this I mean, you can design clip-art which are basically a border. You would need six different clip files in all (1 for each corner-totalling 4, and 1 clip that is horizontal and 1 that is vertical). This option might take a little bit of work through PowerPAINT or Clipper, but is well worth the effort if you can't find a border to your liking.

RATING - A+++

Temple of the Snow Dragon: Part II
Reviewed by Jim Notini

As stated in the Nov. issue, this is **one of the finest programs ever produced for the ADAM!**

The actual game takes place inside the Temple of the snow dragon and you will have to venture from room to room in order to find different weapons which will be used to defend yourself against creatures such as the Devastator of Souls, Gandor, Baby Draggings, Mummies and even the Overlord. The most critical item to find is the egg of the snow dragon so that you may defeat the Dalark Dragon.



Also, along your journey you may pick-up other items for extra points such as: gems, copper, silver, gold, a necklace, a ring or sphere.

The story plot has been very well thought out, with each **game being random** so that you will not run across the same situations, items or creatures in the same part of the game every time. Another nice feature is that you can *quit a game in midstream, save your position in the game and later restart the game where you left off.*

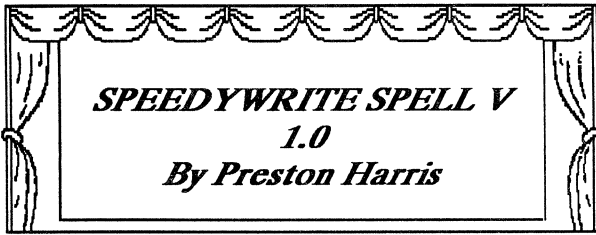
Another great option that somehow was not included in the instruction manual is to *copy all the graphic and room description files to a large memory board (256K XRAM Board or larger) and play the entire game from ramdisk.* This option will speed up the actual loading time tremendously and will cut down on the wear and tear on your drives.

One more item of note is that some of the keyboard buttons have been setup to function as macros. So instead of typing in commands, all you will have to do is **press one key to execute the function you want** (i.e.: up-arrow key is equal to the command 'Go North').

The game as a whole is very easy to learn how to control and is recommended for all ages. We have had some complaints as far as the user interface goes, especially with the idea of continuously pressing the insert and print keys to build up power when you are involved in a fight, but I would have to say it is one of the best user interfaces created for any computer adventure game I have played (especially since most adventure games don't even set up any type of macros through the keyboard).

Once again, the graphics and game play have to be seen to be believed. We even had some people say that they like 'Temple' better than some of the IBM adventure games they have played. By the time that you read this, the *sequel to 'Temple', called Pit of Reshus, should be available.* Watch for it!

HIGHLY RECOMMENDED



THE ULTIMATE SPELL CHECKER

What's this about an ultimate spell checker, you may ask. SpeedyWrite Spell is "what it is."

Just released, David White's spell checker is nothing less than phenomenal. It's quick, easy to use, and above all else works while in SpeedyWrite version 2. For those of you who have SpeedyWrite version 1 now is the time to upgrade to the second version. For a brief summary of SpeedyWrite Spell, the lightning quick spell checker, please continue reading this article.

What you should know

SpeedyWrite Spell Version 1.0 works only with the SpeedyWrite Version 2 Advanced Word Processing System which is not included (SW1 or any other word processor is not capable of running the program). SpeedyWrite Spell also requires a 64k or larger memory expansion card. SpeedyWrite Spell is also a copyrighted program, meaning that you could face a fine or jail sentence if you distribute copies of the program without the written consent of David White. This process of copying copyrighted software is known as software piracy. Pirating software not only hurts you but everyone in the ADAM community; please don't pirate!

Speedy Write Spell's advanced features

Offered by SpeedyWrite Spell are four great features which are listed below:

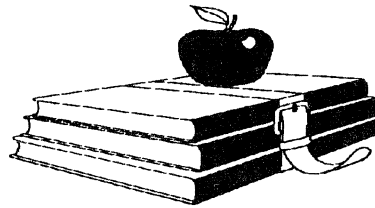
1. A 10,000 Word Dictionary that may be customized, saved, and expanded.
2. A ultra-fast 5,000 Word (1,000-Entry) Thesaurus
3. Spell-Rite, a feature that gives you the option to check you're spelling as you type.
4. Direct access to Speedy Write 2

- Custom Dictionary

One of the greatest features of SpeedyWrite Spell that it allows you to customize you're own dictionary, and save it! When loaded from the SpeedyWrite 2 (SW2) word processing system, SpeedyWrite spell loads a 10,000 Word Dictionary that has been provided for you by David White. When spell checking a document words may be added to the dictionary at the click of a button.

Let me explain. SpeedyWrite spell is menu driven; when checking a document you are given the option to
 G>o On
 E>dit
 S>uggest
 A>dd.

By pressing the "A" key while in SpeedyWrite Spell you may add the word to the custom dictionary. A truly impressive feature. SpeedyWrite spell doesn't stop here. After adding words to your custom dictionary you may store the dictionary itself. The dictionary may be loaded at anytime when using SpeedyWrite Spell.



- 5,000 WORD THESAURUS (1,000-ENTRY)

Spell's ultra-fast thesaurus is simply nothing short of incredible. For example used the thesaurus to look up synonyms for the word "look." I was truly impressed. No sooner had I pressed the <RETURN> key to start the search than had eighteen synonyms popped up on screen. How David White does it, I just don't know.

Not only does SW SPELL have a 10,000 word dictionary, but a full Thesaurus on top of it !!! This is a very comprehensive product fully in line with the functionality of SPEEDYWRITE itself.

- Spell-Rite as You Type

Spell-Rite is an advanced new feature first seen in the IBM software product Lightning. In both of these products the user is able to check his document as he/she types, a very useful feature. Basically, if you type a misspelled word when using Spell-Rite, the screen flashes red and the computer beeps; this indicates that a spelling error has been made. Convenient and easy to use. Again, we ADAMites now have capabilities that the big guys do ! No one who uses their ADAM for word processing should NOT be using this product.

- Direct Access

Unlike all the other spell checkers on the ADAM market SpeedyWrite Spell allows you direct access to SpeedyWrite. In other words because SpeedyWrite Spell is actually loaded from SpeedyWrite 2.0, you may access SpeedyWrite simply by pressing escape when in SpeedyWrite Spell.

In Conclusion...

Because SpeedyWrite Spell is a state-of-the-art spell checker, I feel now is the time for anyone who has SpeedyWrite 1.0 to upgrade to the second version (SpeedyWrite Spell will not run on version 1.0). I also feel anyone still using the antiquated SmartWriter now is the time to experience the true power of the ADAM family computer

system.

The power of the combination of SPEEDYWRITE V 2.0 and SPEEDYWRITE SPELL is truly amazing. With these two products, the ADAM becomes a very powerful word processor, with capabilities beyond much more expensive systems.

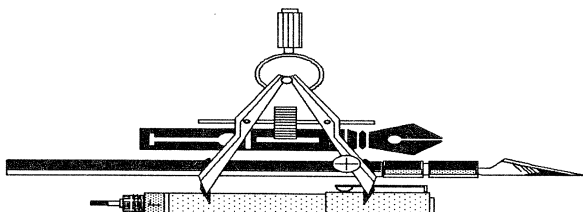
RATING - A++

~~~~~FLASH~~~~~

Many SpeedyWrite user's have called and questioned me about a feature of SpeedyWrite 2.0 known as "linking files for printing. In section 8-11 of the manual David White states that the command for automatic linking if CONTROL-V and "V". He also stated that was the command for manual file linking. I called David White and questioned about this. He informed me that this was actually a misprint in the manual. The command for automatic page linking is pressing CONTROL-V ">" twice.

POPULAR COMMANDS: CONTROL V "L" Enter a number after this command to set a left margin. CONTROL V "W" Enter a number after this command to set a page width  
 SUGGESTED USES FOR POCKET DATABASE: Use the commands page width and page length commands to set your printer up for the dimensions of a notecard. Purchase computer notecards and use the Pkdatabase as a notecard form.

**PHRASE PAK CONSTRUCTION SET**  
*By Jim Notini*



Phrase Craze Construction Set is the newest release from Reedy Software and is a welcome addition to the line of Phrase Craze packages (Phrase Pack I & II). Now with Phrase Pack Construction Set anyone, with a little effort and ingenuity, can make their own Phrase Paks! To the user of Phrase Craze, Phrase Paks are simply ddp's or disks that contain more phrases (or puzzles) for the game. Technically, however, Phrase Paks are mediums that contain various 'Pak' files and a dummy file.

A Pak File contains 10 games worth of puzzles for Phrase Craze. At 3 puzzles per round that's 30 puzzles. Each puzzle consists of 2 parts: the actual puzzle that will be displayed on the Phrase Craze board (4 x 13 characters) and a clue (12 characters). The Dummy File is used to keep track of what phrases were played last so Phrase Craze doesn't repeat the same phrase each time it's loaded. Phrase Pak Construction Set makes the creation of Pak files easy!

Upon boot, you will notice the **detail that has been put into this program** as a title screen is displayed as the program loads into memory. Reedy Software recommends that you have the puzzles written out on a sheet of paper prior to using this program (there is a form included with the instruction manual that one should make photo copies of). Once Phrase Pak Construction Set is loaded, you will be prompted to make a choice from several options:

- \* L-Load a previously worked on pak file for editing.
- \* N-Clear memory for starting on a new pak file.
- \* C-If you were using the Construction Set to edit a pak file and exited the program for some reason, you can type run, then 'C' to continue. Since the puzzles are saved directly in memory (rather than as SmartBASIC variables), you will not lose the data when you exit the program.
- \* Q-Quit and exit to SmartBASIC.
- \* You can also type run and press 'C' to continue where you left off.

After making a choice, the puzzle view screen will be displayed. Here you may use the up and down arrow keys to flip through the 30 puzzles that can be worked on in memory. You also have these options:

- = E-Edit the puzzle currently on the screen which includes the 4 x 13 characters puzzle as well as the 12 character clue.
- = C-Change just the clue portion of the puzzle.
- = S-Save the Pak file.
- = Q-Quit and exit to SmartBASIC.

A nice feature of the edit feature is that after typing a line (there is a 4 line maximum with each line able to contain 13 characters) and pressing <RETURN>, the word or words will be automatically centered as they would be displayed on the game board in Phrase Craze. NOTE: All letters will be displayed in upper case. Once you have completed work on the phrases, you can save all your hard work to ddp/disk so as to use them as a supplement to the phrases contained on the Phrase Craze.

*Beware, however, to follow the instructions outlined in the owner's manual to a tee or you could very easily wipe out some hard work.*

Depending on whether you are using ddp's or disks will determine how many pak files you will have on the media, the maximum number of Pak files on a ddp/disk is 99, no matter how much room you have left on the media.

That's all there is to creating your own Phrase Paks. When you have completed work on your personal Phrase Pak, you can test it out by loading Phrase Craze and then answering yes to the 'Are you using a phrase pak' option. Follow the procedures in the Phrase Craze manual and you'll be playing your new puzzles in no time at all.

You may also want to distribute your finished pak commercially or place them in the public domain. Phrase Pak Construction Set is another high quality package from Reedy Software and is highly recommended for those of you out there who would like the ability to supply themselves with additional phase paks. This one package should more than certify Phrase Craze as one of the top-selling ADAM products

for years to come since we ADAM owners enjoy nothing better than being able to supply ourselves with the needed materials.

RATING - A

NOTE: Phrase Pak Construction Set has been added to the Niad Product List along with Phrase Pak II. Phrase Pak II is Reedy Software's second pak for use with Phrase Craze and contains hundreds of phrases dealing with motion picture titles, celebrity names and television shows.

***BORDERSPLUS By L. Marschand***

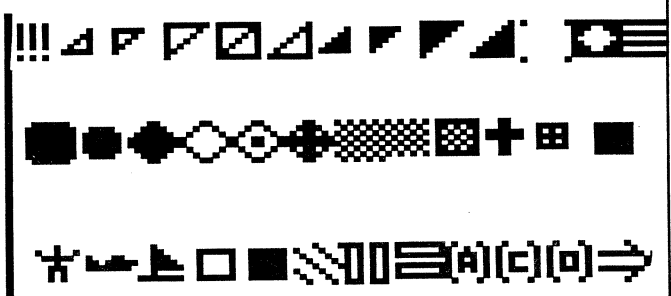
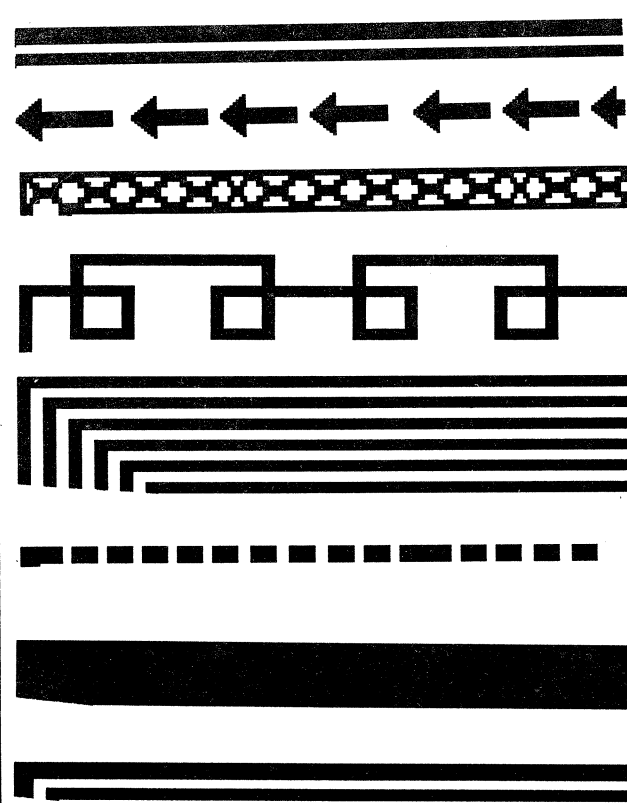
Walter's Software has quickly come out with their first add on to their fantastic PRINTWORKS product. BORDERSPLUS contains 12 additional border styles, 3 new fonts and some clip art.

One of the fonts is a "shape" font that provides 94 great shapes that can be used in your signs or cards. This shape font idea is an innovative way to add even more variety to PRINTWORKS generated documents.

I just can't say enough good things about this great product - PRINTWORKS has give ADAM owners with a dot matrix printer the power of the larger computers to generate super graphics documents.

Thank you Walter's !!!

Here are several of the borders provided and some of the shapes from the shape font:



***SMARTAX By L. Marschand***

What do they say about the only certainties in life - well, taxes is one of them as I recall. There have been other income tax programs for the ADAM, but they were not really very good. SMARTAX is a welcome addition to the available ADAM Home Productivity software.

Jack Scatena has done a very nice job on this comprehensive tax program for both home and small business use. The program is simple to use and really does the job of calculating for the 1040, 1040A, Schedules A, C & SE (including the self employment schedule).

Let's talk about what SMARTAX does not do first. It does not represent the actual tax form on the screen or print out the form itself (it takes a powerful computer to do this).

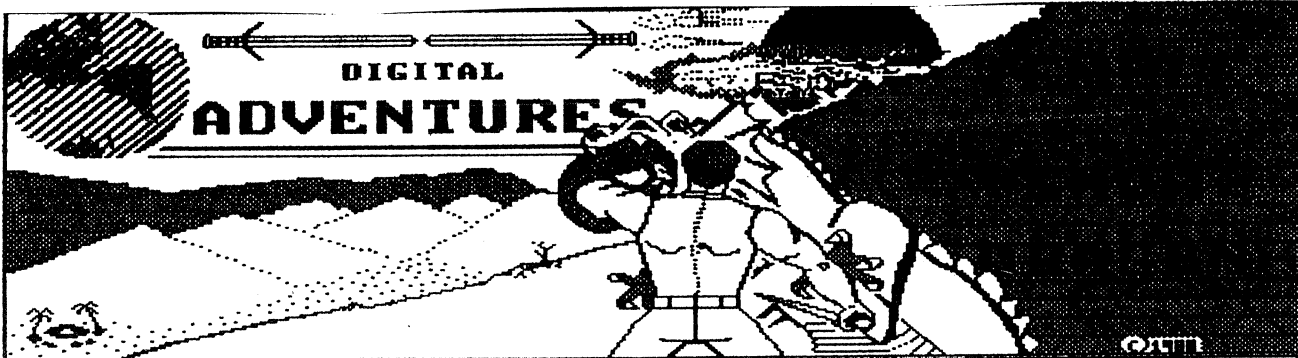
What SMARTAX does do is pose individual questions, just as the tax form does. It takes all the data, does the calculations, looks up the tax (or you can enter the tax amount yourself) based on the calculated taxable income and allows you to print the results. The print indicates each amount that needs to be entered on each form by line number so you can easily transfer the calculations to the required forms.

A nice feature is that once you have done all the entry of the data, you are given an opportunity to return to any section and reenter the data. However, you must do this BEFORE you print the data, because once you print, the session is over and the data is not saved. I have suggested that Jack consider adding this capability.

All entry is in whole dollars (except for W2's), a "0" is entered if the item does not apply. You are asked to confirm entries of key items and options. The user interface is not fancy and could be cleaned up to look a little nicer. Jack is not a professional developer, but he has done a nice job on SMARTAX.

Overall the program does the job and can save you time in all your calculations. It is an excellent way to double check your individual work. These programs are a great way to estimate your tax before you have all the data together. You can also use it to see how much different you would come out if you itemized or used different options.

RATING - B



DIGITAL  
ADVENTURES

OCT. 15

IT'S HERE!

OCT. 15

DIGITAL  
ADVENTURES  
Proudly Presents  
**TEMPLE OF THE SNOW DRAGON**

The First GRAPHIC Adventure Game for the Amazing ADAM!  
BRAVE ARE THOSE WHO ENTER THE TEMPLE. THE JOURNEY IS PERILOUS, NOT FOR THE MEAK OF HEART... DEATH LURKS AROUND EVERY DARKENED CORNER. DEFEAT SUCH FOES AS THE DRAGON KEEPER GANDOR AND THE THIEF OF SOULS, AMONG OTHERS. FIND ALL THE TREASURE AND WEAPONS THAT YOU CAN AS YOU SEARCH FOR THE DRAGON'S EGG. TOO SOON YOU WILL BE FACE TO FACE WITH THE FIERCE SNOW DRAGON. MANY HAVE ENTERED THE TEMPLE... SEVERAL HAVE MADE IT TO THE DRAGON'S ARENA... NONE HAVE RETURNED..... SO... PUT ON YOUR BEST ARMOR, BUCKLE ON YOUR SWORD, GRAB YOUR AXE, INVOKE SEVERAL OF YOUR MOST POWERFUL GOOD LUCK SPELLS, AND HUMBLE SOME OF YOUR FAVORITE PRAYERS... FOR YOUR FATE AWAITS YOU AT THE...

TEMPLE OF THE SNOW DRAGON!

"TEMPLE", IS THE FIRST OF THE GRAPHIC ADVENTURES IN THE DALARK TRILOGY

THIS SERIES OF ADVENTURES WILL TAKE YOU FROM THE DEPTHS OF THE PIT OF RESHUS, ACROSS DRUMERIA TO THE PEAKS OF THE SAMERIA MOUNTAINS, WHERE THE SHRINE OF TAMCHAL IS LOCATED. EACH OF THESE COLORFUL GRAPHIC ADVENTURES HAS A VERY "USER FRIENDLY" INTERFACE AND INCLUDES SUCH FEATURES AS...

- DETAILED COLOR GRAPHICS OF EACH ROOM ( BOTH VIEWS ) WITH HIDDEN CLUES IN THE TEXT AND WITHIN THE GRAPHICS.
  - MACROS, TO MAKE INPUTS VERY EASY AND THE INTERFACE CAN RECOGNIZE AND ACT UPON OVER 200 WORD COMBINATIONS.
  - OPTIONS TO SAVE, LOAD, OR CONTINUE A GAME. - AN ONSCREEN COMPASS MAKES IT EASY TO REMEMBER YOUR POSITION.
  - ONSCREEN ICONS TELL YOU AT A GLANCE WHAT WEAPONS AND TREASURE YOU HAVE ACCUMULATED... AND WHAT IT'S NORTH.
  - ACTIVE PARTICIPATION IN EVERY FIGHT. - BACKGROUND MUSIC AND SOUND EFFECTS. ADD TO THE GAME'S PLAYABILITY.
- AVAILABLE ON ONE DIGITAL DATA PACK - OR AS A TWO DISK (160K) SET... SUGGESTED RETAIL IS ONLY \$24.95

YOU CAN BEGIN YOUR QUEST TO DEFEAT THE EVIL OVERLORD WITH TEMPLE OF THE SNOW DRAGON!

Available at your Favorite ADAM Retail Outlet!



DIGITAL  
ADVENTURES

DEC. 15

IT'S COMING!

DEC. 15

DIGITAL  
ADVENTURES  
Proudly Presents  
**PIT OF RESHUS**

The Second GRAPHIC Adventure in the Dalark Trilogy!  
DESCEND BELOW THE PRISTINE WATERFALL OF ALUPA TO THE DEPTHS OF THE PIT OF RESHUS (RES'SHOOSE). SEARCH THE ENDLESS SUBTERRANEAN PASSAGES OF THE UNDERWORLD FOR TREASURE AND THE CLOAK OF VORT'E. TREAD CAREFULLY OVER THE LIVING BRIDGE, DECIPHER THE MYSTERY OF THE CHAMELEON NAZE AND MAKE YOUR WAY BEYOND THE PAINTED CAVERNS. IF YOU ARE DILIGENT ENOUGH YOU MAY FIND THE SCARAB OF ALUPA. BUT BEWARE OF THE GNOME KING AND HIS MINIONS... FOR THE GNOME KING RULES THE BETHNER REGIONS WITH AN IRON FIST AND EVERYONE WHO ENTERS HIS DOMAIN... IS HIS ENEMY. THESE AND MANY MORE EXCITING ADVENTURES ARE IN STORE FOR YOU AS YOU SEARCH FOR THE CLOAK OF VORT'E. AT THE...

PIT OF RESHUS!

# WIZARD'S LAIR SOFTWARE

## PRODUCT LIST

- \* **WIZARD'S PINBALL ARCADE (D-DP)** - This package includes 17 great pinball games. Created by an artist using the Pinball Construction Set, these games took 100's of hours to complete. The following GREAT games are included on this package: AVALANCHE, ACES, ROCK'n ROLL, TITAN, UNAT'S UP, SKYCASTLE, PARALYZER, LOST VEGAS, REBOUND, THE EDGE, BARRON, SLICK, GRANDSLAM, ENDURANCE, SUPERCITY, HOOP, and TRIAD. These are some of the finest Pinball Games that have yet to be created for the ADAM. To play these games, insert and pull the computer reset. The Pinball Construction Set IS NOT REQUIRED!
- \* **SHAPSHOTS VOL. 1 (D-DP)** - This package contains 35 picture files in both SIGNSHOP and NEWSMAKER formats. Use the picture files in your own creations made with either of these two fine products by Strategic Soft, Inc.
- \* **SHAPSHOTS VOL. 2 (D-DP)** - This is the second volume in the SHAPSHOTS series. This volume contains 35 more picture files in both SIGNSHOP and NEWSMAKER formats. This pack will give you the ability to create some rather impressive signs, banners, newsletters, manuals etc.
- \* **POWERPRINTS VOL. 1 (D-DP)** - This volume contains 15 full size POWERPAINT compatible picture files. Place these high quality, high resolution pictures anywhere in your document or even use them as backdrops for your own SmartBASIC 01.0 programs.
- \* **CLIP ART VOL. 1 (D-DP)** - This package contains 45 clip art pictures for the very popular new POWERPAINT program from DIGITAL EXPRESS INC. Created by an artist using DIGITAL EXPRESS's CLIPPER program, these are some of the finest clip art pictures you will find available for any computer. Use these clip art files in your POWERPAINT creations. If you are planning to purchase DIGITAL EXPRESS's up-and-coming GO-DOS program or WALTERS SOFTWARE's PrintWORKS, then this and the following package are a must have.
- \* **CLIP ART VOL. 2 (D-DP)** - This package is the second in the series of clip art picture files. This volume contains 48 clip art files to be used with POWERPAINT, GO-DOS or PrintWORKS. To date, these are the best clip art files I have created and or captured from high resolution screens.
- \* **THE BASEBALL STATISTICIAN (D-DP)** - This program is a comprehensive stat compiler that can be used to keep track of your favorite Major, Minor, Little or Softball League team stats. You can keep track of 13 batting categories as well as 15 pitching categories, sort the team roster alphabetically, by batting average or by earned run average for pitchers. You also have the ability to edit the team roster so as the season continues on you will always have an up to date team file. You may also accumulate the team stats to see how the team is doing as a whole. Allows for printing of all the batters, pitchers, accumulated batting stats, accumulated pitching stats or even printing of individuals and their stats. ADAM Printer or Dot Matrix Printer supported.

- \* **THE SOCIALIZER (D-DP)** - This is an adult oriented game which is recommended for persons over the age of 18. The goal of this game is to venture thru three different bars while consuming 33 different types of drinks and trying to find the SUPER SNEAKWORD. You will face many unusual situations on your journey and if you do not pick the correct action to take you will be fined for your stupidity. If you do manage to make it thru three bars you will be justly rewarded, but if you puke to much it's back to preying to the porcelain god. There are six different bars included to choose from to keep things fresh.
- \* **Clip-Art Vol. 1 (FOR PrintWORKS) (D-DP)** - The same clip-art files as Clip-Art Vol. 1, but these are already configured to work with the great new package released by Walters Software Co.: PrintWORKS. Saves a lot of time in that you will not have to configure each file. If you don't have PowerPAINT or Clipper, then this package is recommended. 45 clip-art files included.
- \* **Clip-Art Vol.2 (FOR PrintWORKS) (D-DP)** - The same clip art files as Clip-Art Vol. 2. See description listed above. 48 clip-art files included.
- \* **Easy As A,B,C & 1,2,3 (D-DP)** - This is a 2 disk or 1 data pack educational program. Uses POWERPAINT screens and Clipper clip-art to help teach a child how to spell words by displaying a clip-art picture on the screen and then telling the child what it is and finally having the child spell the word. The second phase of Easy As is a picture comparison where 3 clip-art files are loaded onto the screen at once. The child will have to decide which picture doesn't belong. The quiz can be stopped at any time, therefore causing a tally to be taken and the child's percentage correct and the final grade. All input is via the joystick controller. Included sound effects for right/wrongs. Available: Beginning to middle of January '89.



**Look for these and other software releases from Wizard's Lair Software at your local or not so local ADAM retailer.....**

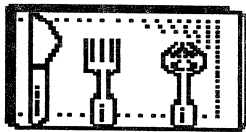
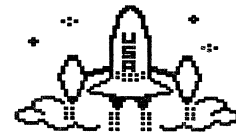
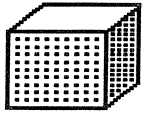
**Wizard's Lair Soft. is:**

**Jim Notini  
Greg McDaniel**

These descriptions, with the exception of The Socializer and Easy As A,B,C & 1,2,3 are not the feelings of the authors. Rather they are mini-reviews published in EDT Software's catalog.



**CLIP ART**  
from: PaintMATES01



# NIAD SPECIALS

▷ **PANASONIC 108i - II PRINTER - \$199.95**

▷ **PANASONIC 1080i - II PRINTER with ADAM Parallel printer interface and special ADAM printer cable - \$ 239.95**

▷ **PANASONIC 1091i PRINTER - \$ 229.95**

▷ **PANASONIC 1091i PRINTER with ADAM Parallel printer interface and special ADAM printer cable - \$ 269.95**

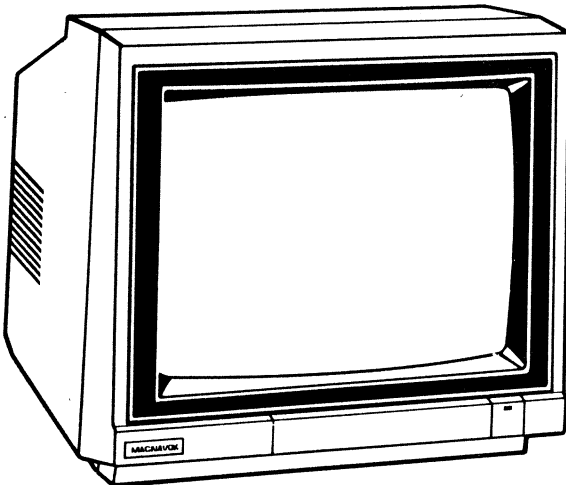
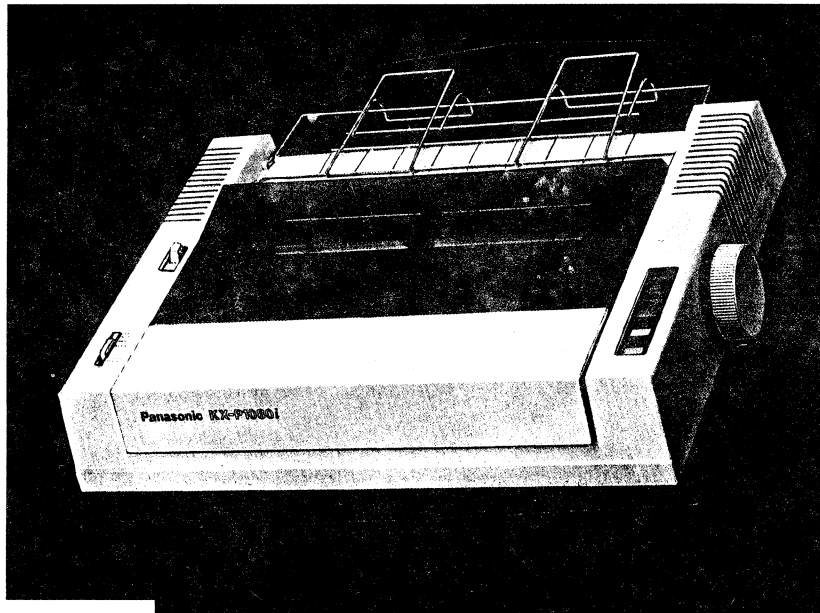
**SPECIFICATIONS:**

The Panasonic line of printers are known for their reliability and quality. The 9 pin dot matrix printhead supports both draft, near letter quality and high resolution graphics printing, emulation both the Epson and IBM standards. Draft, NLQ and Compressed print can be selected from an external control switch.

Full support for justification, centering, L/R alignment under software control. Attachable to any standard parallel printer cable.

**SPEED (in characters per second):**

|              | 1080i-II | 1091i |
|--------------|----------|-------|
| <b>Draft</b> | 144      | 192   |
| <b>NLQ</b>   | 28       | 32    |



▷ **MAGNA VOX 8502 COLOR MONITOR - \$ 199.95**

▷ **MAGNA VOX 8572 COLOR - \$299.95**

**FEATURES:**

- 13" SCREEN
- 330 BY 350 RESOLUTION
- COMPOSITE VIDEO INPUT
- 40 COLUMN DISPLAY
- GREEN TEXT DISPLAY SWITCH
- SHARPNESS CONTROL
- VERTICAL/ HORIZONTAL CENTERING CONTROLS
- COMB FILTER
- BUILT IN STAND
- 8572 ADDITIONAL FEATURES - RGB INPUT FOR IBM COMPATIBILITY, 80 COLUMN DISPLAY - 640 HORIZONTAL RESOLUTION

# PRODUCT LIST

**EFFECTIVE 1/15/89 & SUBJECT TO CHANGE WITHOUT NOTICE**

## *HARDWARE/ ACCESSORIES*

- **SINGLE SIDED ADAM DISK DRIVE \$CALL**  
160K Coleco disk drive for the ADAM
- **SINGLE SIDED DISK DRIVE EPROM CHIP**  
..... \$17.95  
Greatly reduces disk formatting time. User must install.
- **DBL SIDED DISK DRIVE EPROM CHIP \$19.95**  
For use with older double sided drive conversions, reduces read/ write time of most operations - user must install.
- **DBL SIDED ADAM DISK DRIVE ..... \$259.95**  
Modified Coleco disk drive provides 320K of storage using 5 1/4 disks. Comes with all software.
- **UPGRADE SINGLE SIDED DRIVE TO:**
  - **320K 5 1/4 ..... \$125.00**
  - **720K 3 1/2 ..... \$155.00**

Send in your Coleco single sided drive to be upgraded to either a 5 1/4 inch double sided 320K or 3 1/2 inch 720K drive.  
Send payment to NIAD, but send drive to:  
NIAD DRIVE UPGRADE  
1010 Westminster  
Garland, TX 75040
- **DIGITAL DATA DRIVE ..... \$29.95**  
Replacement or additional second data drive for the ADAM console.
- **64K MEMORY EXPANDER**
  - **(WITHOUT 2 MEMORY CHIPS ..... )\$27.95**
  - **(WITH MEMORY CHIPS ..... )\$CALL**

Provides an additional 64K of memory for specified programs. Card that is easily installed in the memory console. If purchased without memory chips, all other components are supplied, inc sockets for 2 4464 memory chips.
- **PARALLEL PRINTER INTERFACE.. \$39.95**  
Interface card that provides ability to print text/ graphics on any standard dot matrix printer. Installs in the memory console - requires parallel printer cable below.
- **PARALLEL PRINTER CABLE ..... \$15.95**  
Attaches to printer interface card and any parallel printer.
- **SHIELDED PARALLEL CABLE ..... \$24.95**  
Same as above, but with shielding to prevent interference.
- **MONITOR CABLE ..... \$9.95**  
Allows attaching of a composite monitor to the ADAM memory console, providing both audio and video.  
NOTE: Not available for the ADAM Expansion unit that attaches to the Colecovision game unit.
- **DISK DRIVE POWER SUPPLY ..... \$19.95**

- **ADAM PRINTER POWER SUPPLY. \$24.95**  
"Bare" Power supply from the ADAM printer.
- **ADAM POWER SUPPLY W/COVER \$49.95**  
Standalone power supply that can be used in place of ADAM printer power supply. Metal cover with power on light included.
- **COMPUSERVE STARTER KIT ..... \$29.95**  
Includes ID, password, CIS information guide and reference book and \$25 credit towards usage of online time.
- **MAG'VX 8502 COLOR MONITOR... \$199.95**  
Composite color monitor provides superior picture compared to television. Use ADAM monitor cable above to obtain both audio/ video.
- **MAG'VX 8762 COLOR MONITOR... \$299.95**  
Same as above but provides higher resolution and RGB input for compatibility with IBM PC and other RGB color computers. 80 column display in RGB mode.
- **SURGE PROTECTORS**
  - **3 OUTLET ..... \$ 12.95**
  - **6 OUTLET STRIP ..... \$ 24.95**
- **POWER CENTER /5 OUTLET ..... \$99.95**  
Monitor stand with 5 integrated outlets and switches, including master switch. Full surge and noise protection. Anti static pad included.
- **NEW ADAM KEYBOARD..... \$19.95**
- **NEW TAN HAND CONTROLLERS .. \$9.95**
- **ADAMNET CABLES ..... \$2.95**  
Flat, 7 foot cables for either keyboard or disk drive.
- **NIAD PRODUCT REVIEW BOOK .... \$19.95**  
Contains detail reviews of over 100 ADAM products. Save money by knowing products before you buy.
- **SMARTBASIC PD DESCRIP'S ..... \$5.00**  
Manual contains descriptions of all the programs in over 30 volumes of SMARTBASIC PUBLIC DOMAIN. Use to determine which volumes of PD to buy.

## *SERVICES*

- **SUPERGAME CONVERSION TO DISK \$4.00**  
We will convert your supergames to disk version for faster game play. Send in the title card from your supergame ddp case and \$4 for each game.
- **SMARTFILER FIX..... \$4.00**  
Send in your SMARTFILER ddp/disk and we will upgrade it to the latest 27D version which fixes all known bugs as well as provides correct spacing for printing of labels.

# PRINTERS

- **PANASONIC 1080i-2** ..... **\$199.95**  
(with ADAM printer interface & cable) ..... **\$239.95**  
9 by 9 dot matrix printer with 1K buffer and parallel interface.  
Draft speed 144 CPS; Near Letter Quality speed 28 CPS  
Two year limited warranty
- **PANASONIC 1091i-2** ..... **\$229.95**  
(with ADAM printer interface & cable) ..... **\$269.95**  
Same as 1080i-2 above but draft speed is 192 CPS and NLQ  
speed is 32 CPS.
- **OKIMATE 20 COLOR PRINTER**..... **\$199.95**  
24 pin thermal printer capable of black/ white and full color  
printing. Parallel "Plug 'N Print" module supplied.  
Includes 8K buffer, special thermal paper required.  
Draft speed 80 CPS, 40 CPS NLQ mode. Special software  
required for ADAM to print in color.
- **RIBBONS**
  - Genuine Panasonic brand for 1080/1091 ..... **\$9.95**
  - Generic brand for Panasonic ..... **\$5.95**
  - Okimate 20 Color ribbon ..... **\$5.95**
  - Okimate 20 Black ribbon ..... **\$4.95**

# TRAINING MANUALS/ BOOKS

- **WORD PROCESSING W/ ADAM** .... **\$8.95**
- **Basic Basic Programs for ADAM** ... **\$8.25**
- **Discovering Science on the ADAM w/ 25 Programs**..... **\$9.95**
- **The Coleco ADAM Entertainer** ..... **\$12.95**
- **Hacker's Guide to ADAM Vol 1** ..... **\$11.95**
- **Hacker's Guide to ADAM Vol 2**..... **\$11.95**
- \* Disk/ DDP of all the programs in both Volume 1 and 2 of  
Hacker's Guide ..... **\$5.00**
- **Using & Programming ADAM** ..... **\$7.95**
- **ADAM Manuals**..... **\$9.95**  
(Ones originally supplied with the ADAM computer)

# SEGA GAME SYSTEM

- **MASTER GAME SYSTEM** ..... **\$109.95**
  - 2 HAND CONTROLLERS
  - LIGHT PHASER GUN
  - 2 GAMES - HANG ON/ SAFARI HUNT
- **BASE GAME SYSTEM**..... **\$79.95**
  - 2 HAND CONTROLLERS
  - 1 GAME - HANG ON
- **3D GLASSES**..... **\$39.95**  
TRUE 3D PROVIDED VIA HIGH TECHNOLOGY LCD  
SHUTTER SYSTEM
- **SEGA CARD SOFTWARE** ..... **\$24.95**
  - MY HERO
  - TEDDY BOY
  - SUPER TENNIS
  - SPY VS SPY
- **SEGA MEGA CARTRIDGES**..... **\$29.95**
  - FOOTBALL
  - VOLLEYBALL
  - FANTASY ZONE
  - WORLD GRAN PRIX
  - SOCCER
  - GHOSTBUSTERS
  - GOLF
  - GANSTER TOWN
  - KUNG FU KID
  - SHOOTING GALLERY
- **3D GAMES** ..... **\$39.95**
  - MAZE HUNTER 3D
  - ZAXXON 3D
  - BLADE EAGLE 3D
- **NEW GAMES**
  - MIRACLE WARRIORS \$46.95
  - SHINOBI \$41.95
  - PHANTASY STAR \$59.95
  - RAMBO III \$41.95
  - FARLOUR GAMES \$29.95
  - PENQUIN LAND \$41.95

**OTHER SOFTWARE**

*Specify DDP or DISK*

|                                           |                 |           |
|-------------------------------------------|-----------------|-----------|
| VIDEOTUNES                                | \$ 26.95        |           |
| FANTASY GAMER                             | \$ 22.95        |           |
| BASIC BONANZA                             | \$ 22.95        |           |
| SOFTPACK I                                | \$ 18.95        |           |
| LVAC ARCHIVE I                            | \$ 9.95         |           |
| REEDY SOFTWARE LIB                        | \$ 15.95        |           |
| BUSINESS PACK                             | \$ 18.95        |           |
| TURBOLOAD                                 | (DDP) \$ 10.00  | CLOSEOUT  |
| QUICKCOPY                                 | \$ 15.95        |           |
| ELECTRIC GAME PACK                        | (DISK) \$ 17.95 |           |
| Specify I or II                           | (DDP) \$ 19.95  |           |
| NUMBER BUMPER                             | \$ 15.95        |           |
| REEDY                                     | (DISK) \$ 15.95 |           |
| ENTERTAINMENT PACK                        | (DDP) \$ 17.95  |           |
| JEOPARDY QUESTION PACK                    | \$ 14.95        | SPECIAL   |
| FAMILY FEUD QUESTION PACK                 | \$ 14.95        | SPECIAL   |
| TRIVIA PACK I                             | \$ 12.95        |           |
| KIDS TRIVIA                               | \$ 12.95        |           |
| PRO FOOTBALL                              | \$ 18.95        |           |
| BACKUP 3.0 (COPY ONLY)                    | \$ 16.95        | DISK ONLY |
| SMARTGAMES PAK                            | \$ 9.95         |           |
| ROYAL AMBS. EDUC PCK                      | \$ 9.95         |           |
| (Christian pgms)                          |                 |           |
| CPM NEVADA BASIC                          | \$ 39.95        |           |
| SP-1 CUSTOM SOFTWARE for                  | \$ 7.00         |           |
| Smartwriter/Filer (Specify printer)       |                 |           |
| ADDRESS BOOK/CALENDAR                     | \$ 9.95         |           |
| JEOPARDY QUESTION MAKER                   |                 |           |
| FAMILY FEUD QUEST MAKER                   |                 |           |
| Each of Quest Makers                      | \$ 24.95        |           |
| EASY COME, EASY GO                        | \$ 19.95        |           |
| WIZARD'S PINBALL ARCADE                   | \$ 19.95        |           |
| ADAMTALK                                  | \$ 19.95        |           |
| Interpreter for EVE Speech Synthesizer    |                 |           |
| SOLAR SYSTEM Quiz (DDP)                   | \$ 9.95         |           |
| AMERICA AT WAR Quiz (DDP)                 | \$ 9.95         |           |
| WORLD GEO. Quiz (DDP)                     | \$ 9.95         |           |
| HOME FILE MANAGER (DDP)                   | \$ 9.95         |           |
| PERSONAL CHECKBOOK (DDP)                  | \$ 9.95         |           |
| HOME BUDGET (DDP)                         | \$ 9.95         |           |
| BASIC SYSTEM MGR/FASTRUN                  | \$ 18.95        |           |
| LAB MOUSE                                 | \$ 12.95        |           |
| STATES and CAPITOLS (DDP)                 | \$ 9.95         |           |
| WORLD CAPITOLS (DDP)                      | \$ 9.95         |           |
| GREAT INVENTIONS (DDP)                    | \$ 9.95         |           |
| BASICAIDE                                 | \$ 9.95         |           |
| SMART TYPE 2.0                            | \$ 17.95        |           |
| PROOF READER (DDP)                        | \$ 34.95        |           |
| LIBRARIAN                                 | \$ 19.95        |           |
| NIAD GOLD SERIES                          |                 |           |
| GAMES 1                                   | \$ 9.95         |           |
| TEXT ADVENTURE                            | \$ 9.95         |           |
| HOME/BUSINESS                             | \$ 9.95         |           |
| SCIENCE/EDUCATION                         | \$ 9.95         |           |
| STAGE FRIGHT                              | \$ 19.95        |           |
| ADAMCALC Dot Matrix PATCH                 | \$ 9.95         |           |
| ADAMLINK Dot Matrix PATCH                 | \$ 9.95         |           |
| BEYOND TREK (64K Req)                     | \$ 16.95        |           |
| AUTO WRITER                               | \$ 14.95        |           |
| FILE MANAGER                              | \$ 17.95        |           |
| CHESS CHAMPION (64k req)                  | \$ 15.95        |           |
| ADAMLINK III                              | \$ 18.95        |           |
| SPEEDYWRITE V1 0                          | \$ 29.95        |           |
| SPEEDYWRITE V2.0                          | \$ 39.95        |           |
| PRO GOLF CHAMP                            | \$ 14.95        |           |
| MR. T SEARCH                              | \$ 12.95        |           |
| MR. T SEARCH GAME PAK 1                   | \$ 9.95         |           |
| SMARTDSK I (For Smartwriter)              | \$ 18.95        |           |
| SMARTDSK II                               | \$ 16.95        |           |
| (For Basic 1.0/2.0, Adamcalc Flash Maker) |                 |           |
| SMARTDSK III                              | \$ 24.95        |           |
| (For Basic 1.0/2.0 With Cmpil. Utility)   |                 |           |
| TRIVIA SEARCH                             | \$ 7.95         |           |
| (Requires Mr. T Search)                   |                 |           |

**OTHER SOFTWARE**

*CONTINUED*

|                          |          |               |
|--------------------------|----------|---------------|
| PHRASE CRAZE             | \$ 19.95 |               |
| PHRASE PAK 1 or 2        | \$ 9.95  | NEW           |
| PHRASE PAK CONSTRUCTION  | \$ 9.95  | NEW           |
| GRANDMA'S RECIPES (DISK) | \$ 7.95  |               |
| (DDP)                    | \$ 9.95  |               |
| PR BOOT                  | \$ 17.95 |               |
| SPELLING AID             | \$ 26.95 |               |
| MISSPELLER               | \$ 18.95 |               |
| DBL DISK FORMATTER       | \$ 8.95  |               |
| AUTO BACKUP              | \$ 17.95 |               |
| MIND OVER ADAM           | \$ 11.95 |               |
| SMART TERM 1.0           | \$ 15.95 |               |
| LAS VEGAS CRAPS          | \$ 16.95 | NEW           |
| COPYCART+ D 2.0          | \$ 19.95 | NEW DISK ONLY |
| LINK BUILDER             | \$ 24.95 | NEW           |
| AFL FOOTBALL             | \$ 14.95 | NEW           |
| SUB RAIDERS              | \$ 24.95 | NEW           |
| PRINT WORKS              | \$ 27.95 | NEW           |
| BASEBALL STATISTICIAN    | \$ 12.95 | NEW           |
| GHOST ZAPPER             | \$ 11.95 | NEW           |
| TEMPLE of SNOW DRAGON    | \$ 21.95 | NEW           |
| RAMBOOT                  | \$ 19.95 | NEW           |
| SPEEDYWRITE SPELL        | \$ 24.95 | NEW           |
| OPENFILER V3.0           | \$ 19.95 | NEW           |
| G.A.M.E. VOL. 2          | \$ 11.95 | NEW           |

**COLECO SOFTWARE**

*(DDP unless noted)*

|                                                       |      |          |         |
|-------------------------------------------------------|------|----------|---------|
| SMART LOGO                                            | 7600 | \$ 29.95 | SPECIAL |
| SMART FILER                                           | 7813 | \$ 15.95 |         |
| RECIPE FILER                                          | 7814 | \$ 10.95 | SPECIAL |
| SMART LTRS/FORMS                                      | 7805 | \$ 15.95 |         |
| FLASHCARD MAKER                                       | 7662 | \$ 15.95 |         |
| FLASHFACTS (TRIVIA 2902,<br>HISTORY 2901, VOCAB 2900) |      | \$ 11.95 | EACH    |
| CP/M 2.2                                              | 7832 | \$ 29.95 |         |
| ADAMCALC                                              | 7831 | \$ 24.95 |         |
| R. SCARRY WORDBOOK                                    | 7658 | \$ 20.95 |         |
| DONKEY KONG                                           |      | \$ 19.95 |         |
| SUPER ZAXXON                                          | 2632 | \$ 9.95  | SPECIAL |
| SUPER ACTION CONTROLLER/With Baseball                 |      | \$ 49.95 | SPECIAL |

*(Specify DDP or DISK)*

**ACTIVISION SOFTWARE**

|                 |          |          |
|-----------------|----------|----------|
| ALCAZAR         | \$ 14.95 | REDUCED* |
| ROCK n' BOLT    | \$ 19.95 | REDUCED* |
| BOULDER DASH    | \$ 19.95 | REDUCED* |
| RIVER RAID      | \$ 17.95 | REDUCED* |
| KEYSTONE KAPERS | \$ 17.95 | REDUCED* |
| PITFALL II      | \$ 17.95 | REDUCED* |
| DECATHLON       | \$ 17.95 | REDUCED* |

**IMAGIC SOFTWARE**

|             |          |          |
|-------------|----------|----------|
| TENNIS      | \$ 19.95 | REDUCED* |
| MOONSWEeper | \$ 15.95 | REDUCED* |

**INTERPHASE SOFTWARE**

|                 |          |          |
|-----------------|----------|----------|
| SEWER SAM       | \$ 17.95 | REDUCED* |
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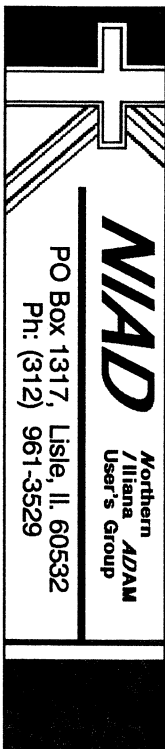
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